

P 120 Extension and Experiment Station Communications, 1972-1993

Accession 2003:098-Branch Station images.

Mid-Columbia Branch Station (4): 1976-1984

Image numbers:

1	R&E Center, sheep, Mid-Columbia, Hood River, 1976
2-4	R&E Center, Lab, Mid-Columbia, Hood River, CS, 1976
5-7	R&E Center, Mid Col / Entomology, Mid-Columbia, Hood River, CS, 1976
8	R&E Center, Walt Mellenthin, Mid-Columbia, Hood River, CS, 1976
9-11	R&E Center, Mid Col, Mid-Columbia, Hood River, CS, 1976
14	R&E Center, Hood River, Mid-Columbia, Hood River, CS, 1977
16	R&E Center, Mid Col, Mid-Columbia, Hood River, CS, 1976
17-18	R&E Center, Mid Col /Mt Hood, Mid-Columbia, Hood River, CS, 1976
19-31	R&E Center, Mid Col, Mid-Columbia, Hood River, CS, 1976
32	R&E Center, Hood River, Mid-Columbia, Hood River, CS, 1977
33	R&E Center, Hood River Lenticulars, Mid-Columbia, Hood River, CS, 1977
34-39	R&E Center, Hood River, Mid-Columbia, Hood River, CS, 1977
40-42	R&E Center, Hood River with Station, Mid-Columbia, Hood River, CS, 1979
44	R&E Center, Mid Col Station, Mid-Columbia, Hood River, CS, 1977
45	R&E Center, Mid Col/Entomology, Mid-Columbia, Hood River, CS, 1976
46	R&E Center, Mid Col/Lab, Mid-Columbia, Hood River, CS, 1976
47	R&E Center, Mid Col, Burkhardt & Zwick, Mid-Columbia, Hood River, CS,
	1980
48, 50	R&E Center, Mid Col / Mt Hood, Mid-Columbia, Hood River, CS, 1980
54-55	R&E Center, Exp. Station Researcher, Mid-Columbia, Hood River, CS, 1980
56-57	R&E Center, Pear, Mid-Columbia, Hood River, CS, 1980
61-67	R&E Center, Thinning apples ,Mid-Columbia, Hood River, CS, 1980
68	R&E Center, apples, Mid-Columbia, Hood River, CS used in OAP (Oregon
Agricultural Progress) spring/summer, p.27, 1980	
74-76	R&E Center, Pear testing in lab, Mid-Columbia, Hood River, CS, 1980
77-78	R&E Center, Mt. Hood from Mid-Columbia, Mid-Columbia, Hood River, CS,
	1980 80-85 R&E Center, pears, Mid-Columbia, Hood River, CS,
1982	
87-92	R&E Center, Hedgerow apples, Mid-Columbia, Hood River, CS, 1982
93	R&E Center, pear, Mid-Columbia, Hood River, CS, 1982

95-99	R&E Center, pear, Mid-Columbia, Hood River, CS, 1982
100-2	R&E Center, Lab worker under exhaust hood, Mid-Columbia, Hood River, CS,
1983	
103-4	R&E Center, Pear testing, Bob Spotts & technician, Mid-Columbia, Hood
River, CS, 1983	
105-6	R&E Center, Hood River Valley, fall colors, Mid-Columbia, Hood River, CS,
	1983
109-12	R&E Center, Lab work under exhaust hood, Bob Spotts, Mid-Columbia, Hood
	River, CS, 1983
113-15	R&E Center, Lab work, Mid-Columbia, Hood River, CS, 1983
116	R&E Center, Walt Mellenthin, Mid-Columbia, Hood River, CS, 1976
117, 120	R&E Center, Mold on stored pear study, Mid-Columbia, Hood River, CS, 1984
123-24	R&E Ctr, 8/77, res. plot establishment, Eastern Oregon, CS Vertical, 1977

Eastern Oregon ARC Branch /Station (5): 1972-1992

7	Squaw Butte Field Day, Union / Burns, CS, 1978
9-10	Eastern Oregon, Union / Burns, CS, NO DATE
16	Eastern Oregon, Union / Burns, CS, 1976
17	Union Station, Union / Burns, CS
18-21	Squaw Butte, Union / Burns, CS, 1976-1978
22-23	Squaw Butte Field Day, Union / Burns, CS, 1978
26, 28-29	Squaw Butte, Union / Burns, CS, 1976
30	Eastern Oregon, Union / Burns, CS, 1976
31, 33, 36	Squaw Butte, Union / Burns, CS, 1972-1974
39-44	Squaw Butte Field Day, Union / Burns, CS, 1978
45	Malheur Refuge, Union / Burns, CS, 1975
47-48	Squaw Butte, Union / Burns, CS, 1976
51, 54	Eastern Oregon, Union / Burns, CS, 1976
55	BLM wild horses, Union / Burns, CS, 1977
57	Malheur refuge, Union / Burns, CS, 1975
58-61	Union Station, Union / Burns, CS, 1974
63	Landscape, Union / Burns, CS, 1975
64	Person, Union / Burns, CS (John Clark-Malheur Refuge), 1975
65	1978, Squaw Butte Field Day, Union / Burns, CS, 1978
69-74	1978, Squaw Butte Field Day, Union / Burns, CS, 1978
76-80	BLM Wild Horses, Union / Burns, CS, 1977

104, 107	Burns, Union / Burns, CS, 1979		
110-12	Burns, Union / Burns, CS, 1979		
114-20	Union Station, Union / Burns, CS, 1979	141-50	Fall Calves in Burns,
Union / Burns, CS, 1981			
152-158	Spring Calves in Fall, Burns, Union / Burns, CS, 1981		
160-73	Eastern Oregon Station, Union / Burns, CS, 1982		
177, 179	Range fire near Burns, Union / Burns, CS, 1981		
185	Range fire near Burns, Union / Burns, CS, 1981		
187-90	Electric fence, Burns, Harley Turner, Union / Burns, CS, 1982		
191-95	Electric fence, Burns, Bob Raleigh, Union / Burns, CS, 1982		
196	Cattle at Section 5 near Burns, Union / Burns, CS, 1982		
198, 200	Cattle drive near Burns, Union / Burns, CS, 1982		
242-46	Cattle Round-up Starkey Experiment Forest and Range, Union / Burns, CS, 1984		
251-61	Dennis Sheehy clipping forage plots near Heppner, Union / Burns, CS, 1984		
262-67	Cows at Union Station Med. CU, Union / Burns, CS, 1984		
271-73	Union Field Day, Union / Burns, CS, 1984		
274-79	Union Field Day, Harley Turner, Union / Burns, CS, 1984		
286-88	Union Field Day, Rick Miller, Union / Burns, CS, 1984		
289-92	8/85, 500 KV Electrical Power Project, Grizzley Mnt, CS, DK, 1984-1985		
295-97	8/85, 500 KV Electrical Power Project, Grizzley Mnt, CS, DK, 1984-1985		
299-305	8/85, 500 KV Electrical Power Project, Grizzley Mnt, CS, DK, 1984-1985		
306-09	9/85, 500 KV Electrical Power Project, Grizzley Mnt, CS, DK, 1985		
312-38	9/85, 500 KV Electrical Power Project, Grizzley Mnt, CS, DK, 1985		
361-65	9/92, CS, Horizontal		
366-67	9/92, CS, Vertical		
371, 373	9/92, CS, Horizontal		
376	9/92, CS, Horizontal		

Central Oregon Ag. Exp. Station (6): 1975-1984

1-3	Central Oregon, Redmond, CS, 1976
4	Central Oregon Exp Station Redmond, Redmond, CS, 1975
5-6	Central Oregon, Redmond, CS, 1976
9	People, Redmond, CS, 1976
10	Central Oregon, Redmond, CS, 1976
11-12	Bill Murray, Redmond, CS, 1976
14-16	Central Oregon, Redmond, CS, 1976
17	Landscape, Redmond, CS, 1976
19-20, 22	Central Oregon, Redmond, CS, 1976

24, 26, 29	Central Oregon, Redmond, CS, 1976
30-36, 39	Potato Harvester, Redmond, CS, 1976
40-43	Potato Harvester, Redmond, CS, 1976
45	Central Oregon, Redmond, CS, 1978
47	Potatoes, Redmond, CS, 1976
48-50	Central Oregon, Redmond, CS, 1978
51, 53-54	Redmond Sunflowers, Redmond, CS, 1980
57, 59	Redmond Sunflowers, Redmond, CS, 1980
62-75	Potato variety trial harvest and selections, Powell Butte, Redmond, CS, 1983
77-79	Malcolm Johnson, Steve James, Redmond, CS, 1983
84-86, 90	Spraying herbicide trials, Powell Butte, Tom Whitson, Shel Perigon, Redmond, CS, 1984
91	Alfalfa at Powell Butte, Redmond, CS, 1984
95	Alfalfa with dew drops, Powell Butte, Redmond, CS, 1984
141-43 date	Mint plot, Powell Butte Station, CS, Horizontal, Fred Crowe, Duplicate slide, no date
144	Mint harvest, Steve James, senior research assistant contractor, Powell Butte, CS, Horizontal, Fred Crowe, Duplicate slide, no date
145	Mint plots, harvest, Powell Butte, CS, Vertical, Fred Crowe, Duplicate slide, no date
147	Mint plot harvest, Powell Butte, CS, Horizontal, Fred Crowe, Duplicate slide, no date
150-51	Surplus equipment, road grader, Powell Butte, CS, Vertical, Tom Gentle, no date
153	Branch headquarters, Madras, CS, Horizontal, Tom Gentle, no date
154	Potato variety trials, Steve James, senior research assistant, Madras, CS, Horizontal, Tom Gentle, no date
156	Potato variety trials, Steve James, senior research assistant, Madras, CS, Vertical, Tom Gentle, no date
157	Potato variety trials, Unknown, Madras, CS, Vertical, Tom Gentle, no date
160-62	Mint field day, Fred Crowe, Madras, CS, Horizontal, Tom Gentle, no date
163	Mint field day, Marvin Butler, Madras, CS, Horizontal, Tom Gentle, no date
164-65	Mint field day, Russ Ingham, Madras, CS, Horizontal, Tom Gentle, no date
167	Mint field day, Marvin Butler, Madras, CS, Horizontal, Tom Gentle, no date
168	Mint field day, Russ Ingham, Madras, CS, Horizontal, Tom Gentle, no date
169	Mint field day, Fred Crowe, Madras, CS, Horizontal, Tom Gentle, no date
173	Mint field day, Alan Mitchell, Madras, CS, Horizontal, Tom Gentle, no date
174-75	Mint field day, Fred Crowe, Madras, CS, Horizontal, Tom Gentle, no date
176-80	Mint field day, Alan Mitchell, Madras, CS, Horizontal, Tom Gentle, no date

Klamath Exp. Station (7): 1972-1991

2	Animals, Klamath Falls, CS, 1972
3	Lonnie Allison, Klamath Falls, CS, 1978
4	Fistulated steer, Klamath Falls, CS, 1978
6	George, fistulated steer, Klamath Falls, CS, 1978
7-8	Potato trial, Klamath Falls, CS, 1978
9-11	Hill Farm, Klamath Falls, CS, 1978
12	Humidifier, potato storage, Klamath Falls, CS, 1978
13	Inside potato storage, Klamath Falls, CS, 1978
15	Klamath Exp Stn, Klamath Falls, CS, 1978
17	Office - Klamath Exp Stn, Klamath Falls, CS, 1978
19-20	Klamath Falls, CS, 1975
21-24	George Carter, Klamath Falls, CS, 1976
25	Mall Johnson, George Carter, Klamath Falls, CS, 1976
27-29	Klamath Falls, CS, 1975-1976
31	George Carter, Klamath Falls, CS, 1976
32-34	Klamath Falls, CS, 1975-1976
35-36	Russian Thistle, Klamath Falls, CS, 1976
39	Russet-Burbank Bloom, Klamath Falls, CS, 1976
44-48	Klamath Falls, CS, 1975-1976
51-63	Klamath Falls, CS, 1974-1976
65-66	Quackgrass, Mark Buettner, Klamath Falls, CS, 1980
67-71	Klamath Falls, CS, 1980
72	George Carter, Klamath Falls, CS, 1980
74-79	Solar Forage Dryer, Klamath Falls, CS, 1980
80-89	Solar Forage Dryer, George Carter, Klamath Falls, CS, 1980
90-92	Mt Shasta from Klamath Falls, Klamath Falls, CS, 1980
93-98	Klamath Stn Grass Plots, Mark Buettner, Klamath Falls, CS, 1982
99	Potato plot harvest, Klamath Falls, CS, 1978
101-08	Ammonealed straw feed, Mark Buettner and technician, Klamath Falls, CS, 1984
109-10	Feeder covers, Jim and technician, Klamath Falls, CS, 1984
111-12	Klamath Extension Office, Klamath Falls, CS, 1984
113-16	Klamath Falls from Extension Office, Klamath Falls, CS, 1984
122-25	2/89, Klamath Experiment Station, Klamath Falls, CS, DK, 1989
126-28	6/87, Klamath Experiment Station, Klamath Falls, CS, DK, 1987
129-49	4/87, Klamath Experiment Station, Klamath Falls, CS, DK, 1987
151-62	6/87, Klamath Experiment Station, Klamath Falls, CS, DK, 1987
164-67	2/89, Klamath Experiment Station, Klamath Falls, CS, DK, 1989
168-79	6/87, Klamath Experiment Station, Klamath Falls, CS, DK, 1987
184	Taste testing potatoes, Jerry Maxwell, biological technician, KES, CS, Vertical, See OAP profile, 1991

Central Oregon ARC Branch Station (8): 1975-1993

- 1 Apples, Columbia Basin - Hermiston, Hermiston / Pendleton / Moro, CS, 1976
- 2 Tree fruits, Columbia Basin - Hermiston, Hermiston / Pendleton / Moro, CS, 1976
- 3 Columbia Basin - Hermiston, Hermiston / Pendleton / Moro, CS, 1976
- 4-5 Building, Hermiston / Pendleton / Moro, CS, 1975-1976
- 7 Columbia Basin - Pendleton, Hermiston / Pendleton / Moro, CS, 1976
- 8 Columbia Basin - Pendleton Computer, Hermiston / Pendleton / Moro, CS,
- 9-10 Columbia Basin, Hermiston/Pendleton / Moro, CS, 1975-1976
- 12 Person, Hermiston / Pendleton / Moro, CS, no date
- 13-14 Columbia Basin, Hermiston / Pendleton / Moro, CS, no date
- 15 People, Hermiston / Pendleton / Moro, CS, 1976
- 16-17 Man, Hermiston / Pendleton / Moro, CS, 1976
- 18 Columbia Basin, Hermiston / Pendleton / Moro, CS, 1975
- 19 Man, Hermiston / Pendleton / Moro, CS, 1976
- 20-21 Columbia Basin - Pendleton, Ron Rickman, Hermiston / Pendleton / Moro, CS,
1976
- 22-23 Columbia Basin - Hermiston, Hermiston / Pendleton / Moro, CS, 1975-1976
- 25-31 Landscape, Hermiston / Pendleton / Moro, CS, 1976
- 32 Columbia Basin - Pendleton, Bette Clever, Hermiston / Pendleton / Moro, CS,
1976
- 33-51 Columbia Basin, Hermiston / Pendleton / Moro, CS, 1974-1975
- 52 Columbia Basin, Matt Kolding--retired summer 1993, Hermiston/ Pendleton /
Moro, CS, 1975
- 53 Faro club wheat, Chuck Rhode, Hermiston / Pendleton / Moro, CS, 1976
- 54 Woman sorting wheat in Pendleton, Hermiston / Pendleton / Moro, CS, 1978
- 56-59 Pumping station, Hermiston / Pendleton / Moro, CS, 1976
- 63 Hermiston sign, Hermiston / Pendleton / Moro, CS, 1978
- 65 Wheat heat sensor, Hermiston / Pendleton / Moro, CS, 1978
- 66 Heat sensor taped to wheat in Pendleton, Hermiston / Pendleton / Moro, CS, 1978
- 67-68 Pendleton Station, Hermiston / Pendleton / Moro, CS, 1978
- 69 Wheat plots at Pendleton Station, Hermiston / Pendleton / Moro, CS, 1978
- 70-71 Green wheat in Pendleton, Hermiston / Pendleton / Moro, CS, 1978
- 72 Taking heat readings in Pendleton, Ron Rickman, Hermiston / Pendleton / Moro,
CS, 1976
- 73 Heat reading device on wheat, Hermiston / Pendleton / Moro, CS, 1978
- 74-80 Columbia Basin - Hermiston, Hermiston / Pendleton / Moro, CS, 1976
- 81-82, 84 Watermelon Harvest Hermiston, Hermiston / Pendleton / Moro, CS, 1977
- 85, 87 Columbia Basin - Hermiston, Hermiston / Pendleton / Moro, CS, 1976
- 89-91 Columbia Basin, Hermiston / Pendleton / Moro, CS, 1976

93-94 Watermelon Harvest Hermiston, Hermiston / Pendleton / Moro, CS, 1977
95-101 Potato Packing Hermiston, Hermiston / Pendleton / Moro, CS, 1976
108-09 Wheat Harvest Mike Thorn Ranch, Hermiston / Pendleton / Moro, CS, 1976 Branch
Station Slide Show (other slides in category #61), 1979

111-45 Wheat Harvest Mike Thorn Ranch, Hermiston / Pendleton / Moro, CS, 1979
150-53 Tritacale - Pendleton, Hermiston / Pendleton / Moro, CS, 1979
154-66 Hermiston, Hermiston / Pendleton / Moro, CS, 1979
167 Hermiston Exp Stn / Extension Office, Hermiston / Pendleton / Moro, CS, 1979

168 Hermiston Station Grounds, Hermiston / Pendleton / Moro, CS, 1979
169 Empty cattle pens, Hermiston, Hermiston / Pendleton / Moro, CS, 1979
170 Hermiston Station cattle pens, Hermiston / Pendleton / Moro, CS, 1979
171 Hermiston, Tom Davidson, Hermiston / Pendleton / Moro, CS, 1979
172-73 Potato storage box car, Hermiston, Tom Davidson, Hermiston / Pendleton / Moro,
CS, 1979
174-75 Hermiston potatoes, Dan Hein, technician, Hermiston / Pendleton / Moro, CS,
1979

176 Columbia Basin, Hermiston / Pendleton / Moro, CS, 1979
178-93 Club wheat / Pendleton, Hermiston / Pendleton / Moro, CS, 1979-1980
196 Moro Station, Hermiston / Pendleton / Moro, CS, 1980
198-99 Hermiston Stn wheat planting, M Kolding, Hermiston / Pendleton / Moro, CS,
1980

200, 202 Feed lot near Hermiston, Hermiston / Pendleton / Moro, CS, 1980
203-19 Columbia Basin circle irrigation, Hermiston / Pendleton / Moro, CS, 1980
220 Barley - Pendleton, Hermiston / Pendleton / Moro, CS, 1981
223 Stephens wheat plot, Hermiston / Pendleton / Moro, CS, 1981
226-29 CBARC Field Day, Hermiston / Pendleton / Moro, CS, 1981
230 CBARC Field Day, Rickman, Davis, Hermiston / Pendleton / Moro, CS, 1981
231 CBARC Field Day, Davis, Scott, Kronstad with growers, Hermiston / Pendleton /
Moro, CS, 1981

232-34 CBARC Field Day, Bob Powelson with growers, Hermiston / Pendleton / Moro,
CS, 1981

235-36 CBARC Field Day, Kronstad, Davis, Lund, Hermiston / Pendleton / Moro, CS,
1981

237 Insect predator, Pendleton, Hermiston / Pendleton / Moro, CS, 1981
238 Sherman Stn Sign, Moro, Hermiston / Pendleton / Moro, CS, 1981
239-41 Sprinkler in potatoes I - Hermiston, Hermiston / Pendleton / Moro, CS, 1981
243-45 Hermiston Stn Tour, Dan Hane, Davis, Witters, Lund, Hermiston / Pendleton /
Moro, CS, 1981

246-52 Wheat - Pendleton, Steve Lund, Hermiston / Pendleton / Moro, CS, 1982
254-56 Potatoes - Hermiston, Lutherfitch, Hermiston / Pendleton / Moro, CS, 1982
257 Hermiston Station sign, Hermiston / Pendleton / Moro, CS, 1982

258 Tom Davidson, Hermiston / Pendleton / Moro, CS, no date

259-65 Dan Hane, Hermiston / Pendleton / Moro, CS, 1982

266, 268 Wheat smut - Hermiston Station, Hermiston / Pendleton / Moro, CS, 1983

270-72 Grain Plots - Hermiston, Matt Kolding, Hermiston / Pendleton / Moro, CS, 1983

274 Cut alfalfa hay, Hermiston Station, Hermiston / Pendleton / Moro, CS, 1983

275-76 Hermiston Station, Dan Hane, Hermiston / Pendleton / Moro, CS, 1983

277 Potato blooms in variety trial, Hermiston / Pendleton / Moro, CS, 1983

280-92 Lodging in grain plots on Station, Hermiston / Pendleton / Moro, CS, 1983

294-95 Goat grass weed, Don Rydrych, Hermiston / Pendleton / Moro, CS, 1983

296-97 Goat grass weed, Hermiston / Pendleton / Moro, CS, 1983

299 Edible legume plots - Pendleton, Hermiston / Pendleton / Moro, CS, 1983

300 Title slide with Pendleton Station CBARC, Hermiston / Pendleton / Moro, CS, 1983

302-04 CU of Floyd Bolton's min till drill - Moro, Hermiston / Pendleton / Moro, CS, 1983

305-06 Full, min, no till all in same frame, Hermiston / Pendleton / Moro, CS, 1983

310-12 Plots showing planting space with min till, Hermiston / Pendleton / Moro, CS, 1983

318 Min till and full till, Floyd Bolton, Hermiston / Pendleton / Moro, CS, 1983

320-43 Barley Harvest near Pendleton (commer), Hermiston / Pendleton / Moro, CS, 1983

348-53 Circle irrigation, Hermiston / Pendleton / Moro, CS, 1980

357-72 Man with tractor, 1987

374-75 7/83, Wheat field, Eastern Oregon, CS, Vertical, 1983

376 9/92, Gary Reed, station superintendent, Hermiston, CS, Horizontal, Tom Gentle, 1992

378 Potato insect research, Gary Reed, Hermiston, CS, Horizontal, Tom Gentle, 1992

380 9/92, Gary Reed, Hermiston, CS, Horizontal, Tom Gentle, 1992

383 Potato harvest, Hermiston, CS, Vertical, Tom Gentle, 1992

384-85 Potato harvest, Hermiston, CS, Horizontal, Tom Gentle, 1992

386 Potato harvest, Hermiston, CS, Vertical, Tom Gentle, 1992

387 George Clough, Hermiston, CS, Horizontal, Tom Gentle, 1992

389-90 Research lab, George Clough, Hermiston, CS, Horizontal, Tom Gentle, 1992

392 Pivot irrigation, Hermiston branch station, CS, Horizontal, Tom Gentle, 1992

393 Main office, Hermiston, CS, Vertical, Tom Gentle, 1992

397 Surplus fire truck, Richard Surcley, station superintendent, Pendleton, CS, Horizontal, Tom Gentle, 1992

400 Surplus equipment, Pendleton, CS, Horizontal, Tom Gentle, 1992

- 402 Surplus equipment, Richard Surcley (white shirt), Pendleton, CS, Horizontal,
Tom Gentle, 1992
- 404 Potato harvest, Hermiston, CS, Horizontal, Tom Gentle, 1992
- 405 Research lab, George Clough, Hermiston, CS, Horizontal, Tom Gentle, 1992
- 411 Combine in long term research plots, Columbia Basin ARC, CS, Vertical, 1993
- 413-14 Combine in long term research plots, Columbia Basin ARC, CS, Vertical, 1993
- 424 Aerial view of long term research plots, C.B. ARC, CS, Vertical, 1993
- 429-30 Planting Bt potato transplants, Gary Reed, Hermiston ARC, CS, Vertical, 1991

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Agricultural Communications Photographs

Accession 94:037

Inventory

(Box 1)

Experiment Station Publications, 1938-1963

Unidentified Publication [horticulture, orchards, walnuts]

X609 [pigs, sheep, cattle]

X610 [ferns, horticulture, orchards]

X619 [orchards]

Station Bulletin, 1938-1963

413 "Cause and control of defoliation in cut holly," 1942.

414 "Butter making during hay feeding season, '50-40-50' method," 1942.

415 "Cost and efficiency in producing hairy vetch and Austrian winter field peas in western Oregon," 1942.

416 "New berries from Oregon's plant breeding research," 1943.

417 "Commercial dehydration of fruits in Oregon," 1949.

418 "Diseases and insect pests of cane fruits and vegetables," 1943.

419 "Insect pests and diseases of strawberry in Oregon," 1944.

427 "Alta fescue production in Oregon," 1945.

428 "Diseases of the filbert in the Pacific northwest and their control," 1945.

431 "Palatability for sheep and yield of hay and pasture grasses at Union, Oregon," 1945.

432 "Growing subclover in Oregon," 1945.

433 "Meadow foxtail," 1945.

455 "Holly production in Oregon," 1938.

456 "A legume for acid soils," 1948.

457 "Consumer response to the marketing of cut-up turkey," 1948.

461 "Oregon's agricultural progress through research. Annual report of the Oregon agricultural experiment station," 1948.

478 "Home-made electric brooders," 1950.

480 "Field corn production on the Umatilla irrigation project," 1950.

482 "A guide for the kitchen planner," 1950.

484 "The economics of grass seed production in the Willamette Valley, Oregon," 1950.

485 "Development of blight resistant French pear rootstocks," 1950.

486 "Cost of producing grade A milk in the Willamette Valley section, Portland, Oregon," 1950.

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Accession 94:037 Inventory (continued)

(Box 1 - continued)

Station Bulletin (continued)

488 "More beef with less feed," 1950

489 "Importance of ram breed in fat lamb production," 1950.

492 "Drainage practices of Oregon," 1950.

495 "Significance of quality loss in marketing early Idaho-Oregon potatoes," 1951.

497 "Home preparation of maraschino cherries," 1951.

498 "Chicken hatching egg production," 1951.

499 "Growing blueberries in Oregon," 1951.

(Box 2)

502 "The native Pacific plum in Oregon," 1951.

503 "Minerals for livestock," 1951.

507 "Suggestions for mosquito control," 1951.

510 "Costs of distributing milk in the Portland market," 1952.

511 "Talent alfalfa," 1952.

513 "Western peach tree borer and its control in Northeastern Oregon," 1952.

514 "The marketing of Oregon livestock," 1952.

515 "Home processing of fruit and vegetable juices," 1952.

516 "Home lawns for Oregon," 1954.

517 "Cost of producing walnuts in Oregon," 1952.

523 "Swine production in Oregon," 1952.

528 "Corn, barley and bonemeal for fattening cattle rations," 1952.

529 "Economics of cheese manufacturing in Tillamook County, Oregon," 1952.

530 "Land capacity for soil and water conservation in Oregon," 1953.

531 "Fiber flax in Oregon," 1953.

533 "1953 Field crop recommendations for Oregon," 1953.

534 "Chrysanthemums for home and garden," 1953.

535 "Establishing and maintaining favorable attitudes among cooperative members," 1953.

536 "The Portland Union Stock Yards, a case study in livestock marketing," 1953.

537 "Phytophthora root rot diseases of lawson cypress and other ornamentals," 1954.

538 "Spraying to control big sagebrush," 1954.

539 "Chemical weed control recommendations," 1954.

541 "Peach varieties for Oregon," 1954.

546 "Whether to manufacture butter and powder or cheese," 1954.

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Accession 94:037 Inventory (continued)

(Box 2 - continued)

Station Bulletin (continued)

549 "A comparison of Brahman X Hereford crossbreeds with Herefords," 1955.

550 "More mountain meadow hay with fertilizer," 1955.

551 "Quality milk: does it cost more to produce?" 1955.

(Box 3) 562 "Plastic mulches for horticultural crops," 1957.

553 563 "Apple varieties for Oregon," 1957.

"Gorse control," 565 "Grass seed nematode," 1958.

566 "Charges for commercially applied pesticides," 1958.

1955. 567 "Farm marketing of forest products," 1958.

554 570 "Sweet cherries for Oregon," 1959.

"Managing sheep 571 "Pesticide applications, commercial charges," 1959.

on hill 573 "Apples and pears," 1960.

pastures, 574 "Market for nursery stock," 1960.

" 1955. 579 "Nematodes affecting Oregon agriculture," 1961.

558 580 "Study and prospects of contract farming in Oregon," 1961.

"Improving 582 "Plum varieties for Oregon," 1961.

irrigation 584 "Winter feeding and management of range calves," 1962.

n in 586 "Propagation of leaf-cutter bee for alfalfa seed," 1962.

Eastern 587 "Wintering weaned steers," 1962.

Oregon, 589 "Peach varieties for Oregon," 1962.

" 1956. 594 "Economic analysis of beef cattle prices in the U.S. and Oregon," 1963.

Station Technical Bulletin, 1962-1963

" 1956.

61 "Studies in behavior of the horn fly," 1962.

62 "Woolly aphid predators," 1962.

66 "Diseases of deciduous fruit trees incited by pseudomonas syringae van hall," 1962.

73 "Beef cattle breeding research in the western region," 1963.

(Box 4)

Extension Publications, 1935-1975

Unidentified Publication [blackberries, pharmacy, orchards, sweet cherries]

"Oregon's Land and Water"

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Accession 94:037 Inventory (continued)

(Box 4 - continued)

Extension Circular, 1952-1975

550 "Measuring flow in small streams," 1952.

578 "Oregon farm product prices: weighted averages of prices received by Oregon farmers 1910 to 1953," 1954.

579 "An easy way to iron a cotton shirt," 1954.

582 "Composts for garden soil," 1954.

583 "Reasons for strawberry plant failure at planting time," 1955.

587 "Water conservation, the hydrologic cycle," 1955.

588 "Trashy fallow for conservation," 1955.

591 "Windbreaks for conservation," 1955.

599 "The art of pressing," 1956.

603 "Patching and mending wool garments," 1956.

610 "Scales, a marketing tool," 1956.

630 "Grass as a conservation tool," 1957.

634 "The family entertains," 1957.

644 "Blackline of walnuts," 1963.

654 "So you want to raise hogs," 1958.

655 "Control of the European earwig," 1959.

662 "Growing cantaloupes in Oregon," 1971.

700 "Dampwood termite control," 1962.

707 "Judging the meat-type steer, 1962.

712 "Fertilize in the fall," 1962.

713 "The golden buprestid, a wood boring beetle," revised 1975.

(Box 5)

Extension Bulletin, 1935-1974

476 "Walnut blight and insect pests and their control," 1935.

486 "Filbert blight and its control," 1936.

529 "Propagation and improvement of horticulture plants," 1939.

557 "Chicory," 1941.

620 "Raising dairy calves," 1943.

625 "The home unit poultry house," 1943.

627 "Chick brooding and rearing," 1944.

630 "Producing clean milk," 1944.

662 "Farm forestry in Clackamas County, Oregon," 1946.

688 "The freezing preservation of fruits and vegetables," 1948.

713 "Willamette Valley pastures," 1951.

714 "Windbreaks for western Oregon," 1951.

715 "A homemade wood stave silo," 1951.

723 "Sheep management in Oregon," 1963.

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(Box 5 - continued)

Extension Bulletin (continued)

725 "Soil and water conservation and use in Oregon," 1952.

726 "Diseases in Oregon rabbits," 1952.

732 "Freezing meat, poultry, fish, seafoods, and game," 1953.

741 "Oregon's dairy industry: 1925-1953," 1953.

744 "Feeding laying and breeding hens," 1953.

748 "Strawberry growing in Oregon," 1955.

(Box 6) 760 "A labor saving sewing cabinet," 1957.

750 768 "Blackberry growing in Oregon," 1957.

"Black 771 "Planting trees under conservation reserve," 1958.

raspberr 773 "Filbert insect pests," 1958.

y 775 "Oregon hardwoods," 1958.

growing 783 "Commercial production of pole snap beans in Oregon," 1960.

in 789 "Safeguarding rural water supplies," 1959.

Oregon, 790 "Game foods," 1959.

" 1955. 791 "Managing Oregon warm water game fish ponds," 1959.

751 792 "Managing Oregon trout ponds," 1959.

"Beef 794 "Rabbit diseases and parasites," 1960.

cattle 796 "The forest and the florist," no date.

equipme 797 "The forest and the druggist," 1961.

nt," 799 "Work smarter, not harder," reprinted 1971.

1955. 802 "Improvement of beef cattle through breeding," revised 1972.

752 804 "Mole and gopher control," reprinted 1974.

"Better 810 "Electrical resistance gypsum blocks for scheduling irrigations," 1963.

eggs," 811 "Orchardgrass seed production in Oregon," 1963.

1955. 812 "Beef carcass evaluation contest," 1963.

813 "Soil fumigation equipment," 1963.

PNW Bulletin

14 "Feeding grass,"

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22 June 1994

Oregon State University Archives
Agricultural Communications Photographs (P 120)
Accession 95:046 - Box 1
Photographs of Extension Personnel from Biographical Files, 1976-1991
Brown, Kenneth, N.
Crawford, Dennis L.
de Calesta, David S.
DeHaan, Jeanne
Douglas, Jim Russel
Floyd, Donald W.
Gardner, Jerry
Garren, Ralph, Jr.
Green, Dan
Greenlund, Mary Anne
Hamilton, Wendy (Atseimer-Tilson)
Harmelink, Ruth
Hudson, John Michael
Koller, David
Logan, Robert
Matson, Walter E.
McCormick, Naurine
McCowen, David William
McMahon, John J.
McNeese, Inge C.
Meier, Harvey A.
Moeller, Darby J.
Moore, Harvey
Nordheim, John P.
O'Brien, D. Michael
Painter, Kathleen (Kate)
Rakha, Shameem
Riggert, Craig
Robinson, Michelle E.
Ross, Erric V.
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Snider, Alan

Snuggs, Ron

Sprowls, J. Fremont

Sutherland, Charles

Thompson, Martin

Torvend, Palmer

Valencia, David B.

Vogt, Susan T.

Whitlow, Leo

Wick, William Q.

Witt, James M.

Wyckoff, Jean B.

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Last updated: 26 July 1996

Oregon State University Archives
Extension and Experiment Station Communications Photographs (P 120)

Inventory of Accession 97:092

Photographs from Biographical Files, 1946-1992

Abell, John Richard; prints and 4x5 neg.

Adams, Holyoke P.; prints and 4x5 neg.

Albrandt, Pennie Little; prints and negative.

Andersen, Wilbert (Andy); prints and 4x5 neg.

Anderson, Donald E.; prints and 4x5 negs.

Anderson, Roberta Frazier; prints and 4x5 neg.

Armitage, Dale L.; prints and 4x5 neg.

Atkinson, Mary, 1989.

Badenhop, Suzanne Bratton; prints and 4x5 negs.

Ballard, Frank L.; prints, 4x5 negs, and pencil sketches.

Baron, Lloyd C.; prints and 4x5 negs.

Barrett, Diane, 1990.

Bergstrom, Robert; prints and 35 mm negs.

Boldt, William G.; prints and 4x5 neg.

Boltes, Barbara Voigt

Brandt, Karen, 1991.

Brog, Gerald; prints and 4x5 neg.

Brown, Dorothy F.; prints and 4x5 neg.

Bunch, Thomas

Burtner, Dave; prints and 4x5 neg.

Bussard, Marie, 1976; prints and 4x5 negs.

Clark, Beverly; prints and 4x5 neg.

Fischer, Stacey

Fletcher, Roger; prints and neg.

Jackman, E.R.; contact prints on cards and 4x5 negs.

neg. 78 -- The officers of the Oregon Seed Growers League elected at the 1946 annual meeting in Portland, December 19 and 20. Left is Roy Engbretson, Quincy, new president; center, E.R. Jackman, Corvallis, re-elected secretary-treasurer; right is Raymond Johnson, Eugene, retiring president. Ed Geary, Klamath Falls, new vice-president, is not shown. Photo taken Dec 1946 by J.W. Scheel.

neg. 472 -- E.R. Jackman, extension farm crops specialist. This photo used for his personnel mat. [With arm over fence.] Photo taken Feb 1948 by R.G. Fowler, Jr.

neg. 1456 -- E.R. Jackman, extension farm crops specialist, at desk. Photo taken May 1951 by R.G. Fowler, Jr.

neg. 1457 -- Photo taken May 1951 by R.G. Fowler, Jr.

neg. 1638 -- From left, J.F. Short, Redmond; E.R. Jackman, OSC extension farm crops specialist; Otto H. Bohnert, Central Point; and Bert Haynes, Pendleton, admire sack of new Talent alfalfa seed displayed by Bohnert. Photo was taken during 1951 Oregon Seed Growers League annual meeting, Portland. Photo taken January 1952 by R.G. Fowler, Jr.

neg. 1738 -- E.R. Jackman examines meadow foxtail growing on one of the college farms near Corvallis. Photo taken Jun 1952 by R.G. Fowler, Jr.

neg. 1984 -- E.R. Jackman, 1957 winner of Farm Bureau award. Photo taken Nov. 1957 by Birdsall.

neg. 2380 -- On the R.A. Hunt Ranch, Keating, E.R. Jackman is shown demonstrating a combination bridge, pier and dam. By notching the face of the concrete dam Rancher Hunt has made it possible to dam the creek, thus diverting water onto a nearby alfalfa field. Photo taken 1949 by R.G. Fowler, Jr.

Reisinger, Richard D., 1992.

Rulofson, Franz C., 1989.

Slocombe, Ed; prints and 4x5 neg.

Taskerud, Esther; prints and 4x5 neg.

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AGRICULTURAL COMMUNICATIONS

Inventory

1-2 Road signs for Crop Demonstrations, ca. 1924

1 Pearl Cole farm, Clatsop county

2 Pg Henningsen farm, Clatsop county

3 A poultry drinking fountain on the outside of the house; easy to clean and litter is kept dry, ca. 1923, Kabel photographer

4 Builder equipped with extra set of reel slats to cut short spring grain, improvised by G.W. Kabel; Corvallis, ca. 1923

5 Typical Oregon fence at left; ca. 1923, Kabel photographer

6 Alfred Alrabas fence, 5 min. NE of Corvallis, adds \$10 per acre value to farm, removes source of weed seeds and adds more farmable land; ca. 1923, Kabel photographer

7 W.S. Yaun hauling sacks of onions on Caterpillar; Wasco County, ca. July, 1930

8 S.V. Mason with Caterpillar Thirty with model 36 combine; Wasco County, ca. July, 1930

9 Corn and Alfalfa on irrigated lands, Malheur County

10 Sage brush land reclaimed by reclamation project, alfalfa crop flourishing

11 Grimm alfalfa comes through the winter, but common alfalfa is badly killed out by severe freezing.

Farm of I. Skovbo, Boardman. Common alfalfa on the left, badly killed out, stand thin. Grimm alfalfa on the right, good stand ;Photo by G.W. Ackerman; July 21, 1925; Morrow County; USDA S-4854-C.

12 County Agent Walter A. Holt and Joe Resch in alfalfa about ready for its second cutting. This stand is four years old. No irrigation. Grimm variety; Photo by G.W. Acklerman; July, 1925; Clackamas county; USDA S-4769-C.

13 Mormon hay derrick unloading and stacking alfalfa hay at Cloverdale community, C.N. Vermillion owner, Deschutes County; August 3, 1933; USDA S-17615-C.

14 Mormon stacker and stack of alfalfa hay at E.M. Hell farm, Powell Butte, Oregon; Crook County, August 3, 1933; USDA S-17626-C

15 First crop of alfalfa on Chas. Herb's farm at Banks, three crops cut, Washington County, ca. 1924

16 Alfalfa field, Pg Herringsen; Walluski community; Clatsop county, ca. 1924, photo by Kadderly

17 Second crop of alfalfa on Sherman Hyre's farm at Hillsboro, alfalfa was planted in spring of 1920

18 Third crop of alfalfa on S. Hyre's farm at Hillsboro yielded 4920 pounds per acre when ready for the barn, two square rods measured and weighed by the County Agent, seeded in 1920, ca. August 7, 1923

19 Showing method of marking demonstrations, Choppen farm at Newton station, Washington County; 36 of these demonstrations were carried out in a county where it was considered that alfalfa would not grow, ca. 1923, 2 slightly different prints

20 Montana grimm alfalfa planted by Chas. Coppens, seeded without nurse crop insulated and limed with ground lime, ca. June, 1924

21 Grimm alfalfa comes through the winter, common alfalfa badly killed out. Farm of Grimm brothers, Irrigon. Five years ago when this field was being seeded, Mr. Grimm ran out of seed and borrowed enough for one border from a neighbor. No particular difference showed up in this border until the Winter of 1924-1925 when it developed that this particular border in the spring of 1925 showed a much better stand than the rest of the field. The story of the borrowed seed was followed up

and it was found that that was Grimm; W. Kadderly on left; Photo by G.W. Ackerman; July 21, 1925; Morrow County; USDA S-4856-C.

22 Grimm alfalfa demonstration on Fred Sewell farm 2 miles NE of Hillsboro, 1000 lbs. of lime, plowed early, worked regularly until seeded on May 20 without nurse crop with garden drill at rate of 10 lbs. seed per acre, cut for hay July 24 64 days after seeding, yielded 1 ton plus per acre, ca. July 20, 1923

23 Alfalfa demonstration, ca. 1923

24 Roots of grimm and common alfalfa, crook county, ca. 1923

25 Otha Bacus drilling in grimm alfalfa seed in 30 inch rows for seed production, between Kerby and Waldo, Illinois valley, Josephine County, ca. 1923

26 Grimm alfalfa sown in 30 inch rows for seed production on farm of F. Breitmayer near Grants Pass, ca. 1923

27-28 O.T. McWhorter holding an alfalfa field meeting near Hillsboro, 500 lbs. of grimm alfalfa were ordered following the meeting, Sherman Hyre farm, Washington county, ca. 1923

28 Photo by E.R. Jackman

29 View of Thompson Dairy farm near Eugene, Oregon, showing alfalfa field in foreground; August 4, 1933; Lane County; USDA S-17635-C.

30 Grimm alfalfa root

31 Grimm alfalfa field; USDA S-20310-C.

32 Frank Oliver farm, Bear Valley--first field to be seeded to alfalfa in Bear Valley. Showing crop of barley hay just cut. Mr. Oliver in picture; August 5, 1933; Grant County; USDA S-17676-C.

33 A 14-acre irrigated field of Hannchen barley with yield of 90 bushels per acre at Hager farm; August 3, 1933; Deschutes County.

34 Field of Hannchen Barley on U.E. Reeder farm, Klamath Falls, yield 72 bushels per acre

35 Bean field; USDA S-20335-C.

36 Bean field

37-39 Craig cattle, Wallowa County, ca. July 13, 1938; 4x5 nitrate negs.; photo by R.G. Johnson
40 Cattle; USDA S-20448-C.
41 Another view of Pollen-Angus herd on Chess Craddock ranch. Mr. Craddock has a herd of approximately 1,000 head of this breed of cattle; August 5, 1933; Grant County; USDA S-17656-C.
42 Cattle, stock scene and ranch in Steens Mtns., Harney Co., Arthur M. Prentiss Photographer
43-44 Cattle, Arthur M. Prentiss Photographer
45 Beef cattle herd on pasture near Baker
46-50 Sale of Shorthorn Stock by Shorthorn Breeders' Assn. at Medford, ca. April 29, 1919
51 Registered Hereford bull purchases by Claus Charley for breeding purposes, Jackson County, ca. 1923
52 Type of registered Herefords brought into the county this year, Jackson County, ca. 1923
53 Lord Sultan (717889), a \$700 bull being held by L.A. West, Chairman Livestock Committee
54 Foundation herd bought by Oliver Martin (to the right holding bull) of Merrill
55 String of animals from the consignment of W.W. Green & Sons that were offered in the sale Saturday
56 Robert Cheyne of Mt. Lake district and the bull Red Richie (664013) which he purchased in the sale
57 Beef cattle, a \$12,809,000 cash crop; USDA S-20430-C.
58 Pasture beef, ca. 1939, no print
59 Demonstration apiary, farm of Buhman brothers, Hermiston. This apiary averaged 121 pounds of honey per colony in 1934 as against a 50 to 70 pound average on the Hermiston project as a whole. In 1922, this apiary averaged about 205 pounds and in 1923, 155 pounds. This showing is due to strong colonies that result from proper wintering and the use of strong queens; Photo by G.W. Ackerman, July 21, 1925; Umatilla County; USDA S-4859-C.

60 Unloading a car of honey cans at the Hermiston Farm Bureau Cooperative association. This car contains sufficient cans to hold 113.5 tons of honey. A second carload has been ordered by the Beekeepers' association of the exceptionally heavy crop in prospect; Photo by G.W. Ackerman; July 21, 1925; Umatilla County; USDA S-4858-C.

61 Celery field; Lincoln County; USDA S-20557-C.

62 Pollinated cherries

63-64 Royal Anne cherries adjacent to Black Republican pollinizer; yielded 794 lbs.; orchard of John Fowler near The Dalles

65 Cherries pollination tests on Collins farm; Wasco County, ca. 1924

66 Growers inspect cherry pollination tests on Collins orchard

67-68 Pollinated cherries

69 Play center at Buena Vista, Oregon. Work under direction of Miss Pagenkopf; August 1, 1933; Clackamas County; USDA S-17579-C.

70 Play center demonstrating circle under direction of Miss Pagenkopf; August 1, 1933; Clackamas County; USDA S-17577-C.

71 Play center demonstrating dance under direction of Miss Pagenkopf; August 1, 1933; Clackamas County; USDA S-17578-C.

72 Story Hour at play center being conducted by Miss Pagenkopf; August 1, 1933; Clackamas County; USDA S-17576-C.

73 Play center volleyball under direction of Miss Pagenkopf; August 1, 1933; Clackamas County; USDA S-17580-C.

74 Summit school children on porch of the school house holding health charts; Photo by G.W. Ackerman; July 17, 1925; Benton County; USDA S-4788-C.

75 School girls exercising, Summit community; Photo by G.W. Ackerman; July 17, 1925; Benton County; USDA S-4797-C.

76 Local leader teaching cast to put on own make-up in community play project. Miss Gertrude Skow, Home Demonstration Agent, standing at left; August 4 1933; Lane County; USDA S-17654-C.

77 Millinery school; made 27, altered 10; Medford, ca. March 17-18, 1920?

- 78 Dress forms construction, slide
- 79 Oak Grove Sewing Club, ca. 1930
- 80 Showing coat in clothing project before remodeling; July 31, 1933; Multnomah County; USDA S-17555-C.
- 81 Clothing project showing Home Demonstration Agent, Miss Frances Clinton, demonstrating pin fitting; July 31, 1933; Multnomah County; USDA S-17556-C.
- 82 Showing result of clothing remodeling after dress has been altered; July 31, 1933; Multnomah County; USDA S-17557-C.
- 83 Another view of Alsike field on George Thompson place on Tumalo Irrigation Project--yield 12 bushels per acre; August 3, 1933; Deschutes County; USDA S-17619-C.
- 84 Field of alsike clover on George Thompson place on Tumalo Irrigation Project. The four men in foreground from left to right are world's prize winners at World's Grain Conference in 1933 at Regina, Saskatchewan--E. Spires, first; George Thompson, second; Chas. Christy, fourth; and E.O. Adams, fifth; August 3, 1933; USDA S-17618-C.
- 85 Another view of Edward's dairy farm near Tillamook City with Mr. Edwards and County Agent C.R. Bergstrom in background showing summer clover pasture one year old; August 2, 1933; Tillamook County; USDA S-17601-C.
- 86 I.T. Beal and W.L. Kadderly examine white sweet clover on the Beal farm, Parkdale; Photo by G.W. Ackerman, July 20, 1925; Hood River County; USDA S-4844-C.
- 87 Six acres of clover cut for seed, Pete Tensen farm, Ontario. County Agent L.R. Breighaupt and Mr. Tensen examining the number of heads and the probable seed yield. This field will average from five to six bushels of seed per acre. The shocks are so close together as to almost cover the ground; Photo by G.W. Ackerman, July 24, 1925; Malheur County; USDA S-4904-C.
- 88 A 15 acre red clover field belonging to C.M. Boals, Oregon Slope; Photo by G.W. Ackerman, July 24, 1925; Malheur County; USDA S-4896-C.
- 89 A 15 acre red clover field belonging to C.M. Boals, Oregon Slope; Photo by G.W. Ackerman, July 24, 1925; Malheur County; USDA S-4896-C.
- 90 Sheep on irrigated ladino clover pasture, Oregon Experiment Station 27
- 91 Cattle feeding on ladino clover pasture

92 Cows on irrigated ladino clover pasture; C.W. Brandstelter, Polk County
 93 Irrigated ladino clover seed crop Chester Mulkey's Farm; Yamhill County 35
 94 Railroad tank cars, Umatilla County
 95 Railroad tank cars; at Pilot Rock the cars could not be spotted so as to unload directly into wagons; Umatilla County
 96 County agent with one morning's shipment of calves; Tillamook County
 97 Cheese factory reorganized; Lincoln County
 98 Corn field; USDA S-20318-C.
 99 Corn standardization trial near Ontario. County Agent L.R. Breithaupt in the foreground holding on the left a stock of Reed Yellow Dent corn; on the right a stock of Golden Jewel. the Reed Yellow Dent is just coming into bloom. The Golden Jewel has just passed its full bloom; Photo by G.W. Ackerman, July 24, 1925; Malheur County; USDA S-4905-C.
 100 Two men standing in cornfield; "60 days from planting"; J.M. Kyle; Stanfield
 101 Man standing in cornfield holding two ears of corn; USDA S-20384-C.
 102 Corn on Stanfield project; Smith photo
 103 Prize winning ears of corn; "best 10 ears--any variety--Silver Loving Cup, Donated by K.M.C. Neill, won by Riverbanks--Clyde E. Niles, Sr., Wildernlle"
 104 Posture exercises by women of Summit community; Photo by G.W. Ackerman; July 17, 1925; Benton County; USDA S-4796-C.
 105 Demonstration of proper posture, Summit community; Photo by G.W. Ackerman, July 17, 1925; Benton County; USDA S-4795-C.
 106-108 Grange exhibit at Redmond County fair
 109 County fair exhibits; "Josephine - it's the climate"; "Many County Agents prepare exhibits for Oregon State Fair"
 110-111 Grange exhibit at Redmond County fair
 112 Goshen Grange exhibit which won first place at the 1929 Lane County Fair; includes letter from O.S. Fletcher to U.S. Burt, Extension Specialist with score of Grange exhibit

113 Oregon Agricultural College display at Linn County, ca. 1922
114 Oregon Agricultural College display at Multnomah County, ca. 1924; photo by Hardy Gresham
115-116 Oregon Agricultural College display at Lincoln County, ca. 1924
117 Oregon Agricultural College display
118-119 Oregon State Agricultural College display, "Truth in Meats"
118 Medford County
119 Grants Pass
120 4-H Club exhibit; Multnomah County Fair
121 Mr. Johnson, banker, Gresham, presenting their Bankers' cup to the outstanding showman in the 4-H showmanship contest; Gresham County Fair
122 Weighing milk, farm of Roy Vanderwall, Muddy Creek community. Mr. Vanderwall likes to know what his cows are doing. Through the use of pure bred sires and by weeding out low producers, he has brought up the average of his 20-head herd to 300 pounds in 1924; Photo by G.W. Ackerman; July 23, 1925; Baker County; USDA S-4892-C.
123 County Agent Paul Carpenter views recording of milk weights. Roy Vanderwall farm, Muddy Creek community; Shutter wide open, 2 1/2 seconds exposure; Photo by G.W. Ackerman, July 23, 1925; Baker County; USDA S-4893-C.
124 Herd of Dave Fitzpatrick, Tillamook. This herd led the grade herd class in the Tillamook cow testing association in 1924 with an average of 456.58 pounds of butterfat for 24 cows; Photo by G.W. Ackerman, July 18, 1925; Tillamook County; USDA S-4822-C.
125 Pure bred Guernsey herd of Judge Homer Mason, Tillamook. This herd led the Tillamook cow testing association for the year 1922 with an average of 456.69 pounds for 11 cows; Photo by G.W. Ackerman, July 18, 1925; Tillamook County; USDA S-4802-C.
126 Linnie of Chicon, five year old pure bred Guernsey owned by Judge Homer Mason. This cow led the Tillamook cow testing association in 1924 with 832.65 pounds of fat. Dam: Aldermead's Linnie with A.R. record of 454 pounds fat. Sire: Langwater Traveler. His dam has a class E record of 806.10 pounds fat. Linnie's breeding traces back to Inp. King of the May, sire of 28 daughters in the

A.R. whose records average 622.90 pounds fat. Sixteen of his daughters sold at public auction at an average price of \$1996. Photo by G.W. Ackerman, July 18, 1925; Tillamook County; USDA S-4803-C.

127 Daffodil, a three-year-old grade Jersey; owned by Dave Fitzpatrick. She made 379 pounds of fat in 1924 and carried a calf only seven months. Would have made at least 430 pounds if she had carried a calf the full period. Mr. Fitzpatrick says she is good for 600 pounds when she matures. The best record her dam ever made as a mature cow was 452 pounds. Daffodil was sired by St. Mawes Rinda Lad. His dam had a record of 565 pounds as a three-year-old; Photo by G.W. Ackerman, July 18, 1925; Tillamook county; USDA S-4823-C.

128 Daisy, a grade Jersey belonging to Dave Fitzpatrick, Tillamook. His cow led the grade cows in the Tillamook cow testing association in 1924 with 787.16 pounds of fat; Photo by G.W. Ackerman, July 18, 1925; Tillamook County; USDA S-4821-C.

129 Non-irrigated cucumbers; farm of George Fish; Washington County, ca. 1930

130-133 Poultry culling demonstration by H.E. Cosby at Mrs. Lulu M. Rhodes demonstration farm, Hermiston

134-176 Oregon Dairy Demonstration Train

134-136 Albany

137-140 Astoria

141 Family in a small boat; Clatskanie

142 Train in background, horse in foreground; Clatskanie

143 Clatskanie

144-146 Donald

147-151 Eugene

152-154 Forest Grove

155 Hillsboro

156-158 Rainier

159-164 Redmond

165-166 Salem
167-168 Scappoose
169-170 Seaside
171 Two different prints; Vernonia, train station; 8x10 print of plucked chicken
172 Two different prints; Vernonia, train station; turkeys, 5x7 neg., 8x10 hand colored film transparency
173 Vernonia
174-175 White Salmon
176 Wilsonville
177-192 Oregon Dairy Promotional Posters (photos of)
193-197 Photos of the Oregon Dairy Demonstration Train, June 1930 (photos by Heaton and Gifford, Portland)
193 Photo of J.R. Haag
196 Photo of U.S.. Burt
197 Standing (L to R) A.M. McCaper, E.R. Jackman, Kenneth Miller, Ralf Brook (grad. student), Lyle Searing (grad. student), G.H. Wilster, P.M. Brandt, Jack Robinson (Guernsey field man), J.R. Haag, Wan Loughary (Jersey field man), dairy production student; kneeling (L to R) Charles Manke, Harold Finagen (student), Clarence Herrd, Paul Maris, U.S. Burt, H.N. "Penky" Coleman, William Teutsch, dairy student?, John Burtner
198 Roadside dairy market, Karl Hanneman's dairy farm, Corbett; Photo by G.W. Ackerman, July 20, 1925; Multnomah County; USDA S-4841-C.
199 Herd of cattle grazing under tree
200 World's champion yearling Jersey; owned by Harry D Iliff; Independence; ca. December 18, 1923
201 Herd of Jerseys owned by Loring Perkins on way to the barn, Muddy Creek community; Photo by G.W. Ackerman, July 23, 1925; Baker County; USDA S-4891-C.
202 Herd of pure bred Guernseys owned by C.K. Fisher, Muddy Creek community; Photo by G.W. Ackerman, July 23, 1925; Baker County; USDA S-4890-C.
203 Guernsey heifers on pasture, Muddy Creek community. Owned by C.K. Fisher; Photo by G.W. Ackerman, July 23, 1925; Baker County; USDA S-4889-C.

204 Dairy herd in the Muddy Creek community; Baker County
205 Guernsey calves shipped in from Tillamook on the farm of Mark Williams; Dryden; Josephine County
206 Grade dairy cattle in irrigated pasture on A.A. Gutteridge farm on Oregon Slope; ca. 1923; Malheur County
207 Jersey beauties in the herd of R.B. Kerrigon of Rock Creek section; ca. 1924; Baker County
208 Jerseys bought by Smith Bros. and placed on their Missouri flat ranch; ca. September 1, 1924; Baker County
209 Lake county dairy herd
210 Pure bred Jersey herd owned by C.C. Lewis; Olene; ca. 1923
211 Holstein herd secured from Jackson county for P.F. Kielsmier; Klamath Falls
212 Cattle in barnyard
213 Tillamook calves secured for John Robustelli; Midland, Oregon
214 Swiss farmers diary herd
215 Cattle in barnyard; USDA S-20346-C.
216 Cattle under tree; Columbia County; USDA S-20314-C.
217 Grazing cattle; Columbia County; USDA S-20311-C.
218 Herd of cattle; Tillamook County
219 Grazing cattle
220 Cattle; Clatsop County; USDA S-20354-C.
221 Poster?; "Pointers to Profits"; 12x17 oversize
222 Dairy barn; Wasco County; USDA S-20296-C.
223 Inside dairy barn; USDA S-20298-C.

224 Tiled milk house on Robert Warrens farm near Forest Grove. Portable utensil rack; front end of house is screened; Photo by G.W. Ackerman, July 16, 1925; Washington County; USDA S-4780-C.

225 Milk pasteurizer apparatus; USDA S-20297-C.

226 Curdling milk to make cheese; Coos County; USDA S-20369-C.

227 Dairy landscape; Mike Abplanap farm; Photo by G.W. Ackerman, July 18, 1925; Tillamook county; USDA S-4817-C; 12x17 oversize print contained at 2/2/2/k.

228 Covered loafing shed on Ray Seely farm, Wilsonville; Photo by G.W. Ackerman, July 16, 1925; Clackamas County; USDA S-4776-C.

229 Bull pen on the farm of Ray Seely, Wilsonville; Photo by G.W. Ackerman, July 16, 1925; Clackamas County; USDA S-4774-C.

230 Covered exercise shed on farm of Henry Hesse, Schools; Photo by G.W. Ackerman, July 16, 1925; Washington County; USDA S-4779-C.

231-234 F.L. Griffin, OAC, Corvallis

231 Sections of horse

232 Sections of cow

233 Sections of pig

234 Sections of lamb

235 Dr. B.T. Sims bleeding Hermiston cattle for abortion test; F.P. Phipps committeemen on the job for the day

236 Glenn Davis farm; Harrisburg; ca. March 31, 1922

237 Cashier Sam Baker of Grants Pass & Josephine Bank inspecting shipment of Jersey calves received from Tillamook and financed by his bank.

238 Dairy project; O.J. Schlecht farm; Tigard; ca. April 4, 1922

239 Dairy judging; Crook County

240 5 cattle owned by 4 different breeders

241 Butter grading; Portland, Oregon; July 31, 1933; Multnomah County; USDA S-17542-C.

242 John Fleming and his herd of Holsteins; Photo by G.W. Ackerman, July 20, 1925; Multnomah County; USDA S-4835-C.

243 John Fleming and Bessie Ruby Abbekirk, his foundation cow; Photo by G.W. Ackerman, July 20, 1925; Multnomah County; USDA S-4836-C.

244 Poet's Mabel Mowat, owned by Karl Hanneman, Corbett, Oregon. This cow holds the Jersey breed world's record for junior three-year-olds, class AA, with 872 pounds fat. She is the only Jersey cow to ever make three medals of merit in succession. Along with them she made two silver medals. When her first medal of merit was awarded her, she was the youngest cow to ever attain that distinction. Mr. Hanneman has twice refused \$1000 for her calves. For three years, she has averaged over \$900 a year above her feed cost. She has tested 6.2 percent butterfat during her lifetime. To date she has produced over 50,000 pounds of milk and 3,000 pounds of butterfat. She is now on record as a six-year-old. (See Jersey Bulletin and Dairy World for May 6, 1925, for additional information on this cow.); Photo by G.W. Ackerman, July 20, 1925; Multnomah County; USDA S-4842-C.

245 Cattle lecture

246 Dairy cattle judging demonstration, farm of Jack Gorham, Wolf Creek district near North Powder. County Agent H.G. Avery explains that strong and weak points in the dairy cow; Photo G.W. Ackerman, July 23, 1925; Union County; USDA S-4886-C.

247 Distribution day for Guernsey Arrivals; ca. November 3, 1919

248 W.R. Stokes bull; Corvans Golden Lad; ca. 1923; Lincoln County

249 Well bred dairy bull secured for D.A. McComb of Klamath Falls from Brown and Sons; Shedd

250 Holstein heifer; ca. 1924; Crook County

251 Club boy and his heifer; ca. 1924; Crook county

252 Bob Blair with his champion 4 year old Holstein bull; ca. 1924; Crook County

253 A.J Melson shows his Holstein; ca. 1924; Crook County

254 George Reels shows his junior champion Jersey bull; ca. 1924; Crook county

255 Walter Hurst shows his grand champion jersey bull; ca. 1924; Crook county

256 "Care of Calves" display; USDA S-19892-C.
257 "Lime in Dairy Feeds" display; USDA S-19891-C.
258 "Service of Good Bulls" display; USDA S-18324-C.
259 "Knowledge is Power" display; USDA S-19390-C.
260 "Does Your Dairy Farming Pay?" display; USDA S-19689-C.
261 "Effect of Well-Cured and Poorly-Cured Legume Hay on Milking Cows" display; USDA S-22886-C.
262 "In selecting proteins for dairy rations consider kind as well as quality" display; USDA S-18409-C.
263 "Underfeeding is Uneconomical" display; USDA S-20116-C.
264 "Need for Culling" display; USDA S-20135-C.
265 "Pastures Should Receive Better Care" display; USDA S-20130-C.
266 "Better Cows - Better Income" display; USDA S-20128-C.
267-270 USDA posters; Dairy
267 On Which Side of The Book Are Your Cows?; S-18321-C.
268 Pin-Point Colonies; S-18413-C.
269 Why Pasteurization is So Important; S-16735-C.
270 Important Steps in Producing Clean Milk; S-18244-C.
271 "Sterilization of Milk Utensils" display; USDA S-22809-C.
272 Cattle display; USDA S-22805-C.
273 Drawing showing inside of cow; USDA S-18964-C.
274 USDA poster; S-15386-C.
275 "Cow Testing Association" display; USDA S-20131-C.
276 "Cow Testing Ledger" Display; USDA S-22812-C.
277 Bull display; USDA S-22813-C.
278-282 USDA posters Dairy
278 Gallery of regrets; S-18587-C.

279 Sketch of a County Showing One Cooperative Bull Association; S-18165-C.
 280 The Dairy Cow AS a Feed Market; S-16753-C.
 281 "Listening in" on the Herd; S-16752-C.
 282 What Cows Will Do; USDA S-20242-C.
 283 Inside Oregon Dairy Demonstration Train
 284 Dairy Profits Special, April 25-30, 1927; Redmond; ca. April 26, 1927; photo by John C. Burtner, OAC
 285 Making a ditch cheaply
 286 The ditch dynamite made
 287 Gravel bar that clogged ditch
 288 Foot bridge over ditch
 289 Ditch after brush was removed
 290 Brush and trees clogging ditch
 291 Working ditch down through roots by means of the Purvis sluicer on the River-banks farm; ca. 1923; Josephine County
 292 Cleaning an old drainage ditch of weeds and tules with the aid of Purvis ditcher on the farm of Raymond Lathrop; ca. 1923; Josephine County
 293-294 Drainage canal, Valley View drainage district. This land was once very fertile, but continued irrigation with no drainage raised the water level until it was impossible to grow crops. This canal was then dug by a dredge and the land is rapidly coming back into fertility. Corn crop is now growing in a field that a year ago could grow nothing; Photo by G.W. Ackerman, July 24, 1925; Malheur County.
 293 USDA S-4899-C.
 294 USDA S-4900-C.
 295 Phil Corbett's ditch; Benton County
 296 Portion of Lincoln community ditch after completion Pile of tile owned by Phil Corbett by ditch leading into Community ditch; ca. 1923; Benton County
 297 Valve for taking water out of concrete pipe line; Sam Brown's farm

298 Wilford Allen, secretary, and Jerome Fertig, Project Engineer, of the Grants Pass Irrigation District, watching the Purvis sluicer work on the Riverbanks Farm ditch

299 Digging the Lincoln community ditch; F.E. Price, Soils specialist, in foreground, ca. 1923

300 Drainage field; OAC station showing hay crop

301 Eastman Kodak Stores, Inc. exhibit

302 "A Good Cow is Worth Three Times an Average Cow" exhibit

303 Washington potato exhibit

304 Drainage exhibit

305 Honey exhibit

306 "Pasteurizer Tests" exhibits; USDA S-18250-C.

307 "Value of Pasteurization" exhibit; USDA S-18246-C.

308-309 Vitamin A Exhibit

310-311 OAC display at Health Show, ca. 1922

312 Egg display

313 Nitrate of Soda Fertilizer experiment

314 Dress making display

315 "Growing and Fattening Rations Should Differ" display

316 "Childs Health Store" display

317 Chicken display

318 Wheat varieties display

319 State College of Washington display

320-321 Farm display

322 Oregon State Agricultural College display

323 Farnham Electric Co. display

- 324 Sanitation display
- 325 Garment display
- 326 Photos of foods and health posters
- 327 Photos of poultry exhibits
- 328 Photos of dairy exhibits
- 329 Photos of forestry exhibits
- 330 Photos of livestock exhibits
- 331 Photos of crops exhibits
- 332 Photos of crop diseases exhibits
- 333 Photos of home furnishings and equipment exhibits
- 334 Photos of 4-H club exhibits
- 335 Photos of entomology exhibits
- 336 Dairy product exhibit
- 337 Alfalfa fertilizer demonstration, showing effects of sulphur; Jackson County
- 338 First year from sage brush without fertilizer; Morrow County
- 339 A.W. Bayne showing Sulfur vs. no sulfur treated alfalfa
- 340 Surplus of second cutting on Al Marshall ranch near Alene, Klamath County
- 341 Showing effects of no sulfur and sulfur; Klamath County
- 342 Sulfur pays exhibit in office
- 343 Method of weighing shock used in estimating yield of field ; J.F. Boone ranch
- 344 Applying sulfur; Klamath County
- 345 Sulfur on alfalfa; Klamath County
- 346 Sulfur vs. none in a field

347 Sulfur fertilizer demonstration showing cars used by farmers in touring the county; ca. 1920; Jackson County

348 Results obtained by using Sulphur with Alfalfa display; Klamath County

349 Getting ready to apply sulfur in Deschutes county

350 Applying fertilizer

351 Loading sulfur applicator

352 Meyers Bro's ranch showing Sulfur vs. no sulfur; Meyers and Tucker in field; Crook Co.

353 Jack Kelly, Juniper flat, and 10 acres of alfalfa fertilized with 50# of alfalfa; ca. July 20, 1923; Wasco county

354 Sulfur vs. no sulfur on Meyers brothers ranch, Powell Butte; Price and Jackman in field; ca. 1923; Crook County

355 With vs. without sulfur

356-357 George Claymeir, Juniper Flat; Wasco County

358 Fertilizer increases alfalfa yield; Clackamas County

359 Display of red clover showing increase due to use of sulphur; sample taken on E.E. McClay ranch; increase 92%; Klamath County

360 Nitrate of soda increases yield of corn; Central Point, Southern Oregon; ca. 1923; Jackson County

361 Small fruit fertilizer trial plot with County Agent J.J. Inskeep inspecting raspberries; August 1, 1933; Clackamas County; USDA S-17588-C.

362 Another view in same fertilizer plot showing row 3 with County Agent Inskeep pointing out result of fertilizer, and row 2 showing ground where less amounts of fertilizer were applied; August 1, 1933; USDA S-17587-C.

363-364 Flax field

365 Flax Huller; USDA S-20306-C.

366 Pulling flax on the Joe Resch farm, Aurora, R.F.D. #3. This flax was planted the last week in April. the straw is about 24 inches long. It will bring \$28.00 a ton at

Salem and is costing \$40.00 per acre to pull. River bottom soil; Photo by G.W. Ackerman, July 16, 1925; Clackamas County; USDA S-4766-C.

367 Field of shocked flax is becoming one of the major crops of the Willamette Valley; August 1, 1933; Clackamas County; USDA S-17591-C.

368 Special relief activity, Milwaukee Canning Center, showing a little different view; August 1, 1933; Clackamas County; USDA S-17568-C.

369 Milwaukee Canning center showing home made evaporator with samples of dried fruit and vegetables; August 1, 1933; Clackamas County; USDA S-175-C.

370 Samples of dishes prepared from wheat kernels; August 4, 1935; Lane County; USDA S-17647-C.

371 Making wheat hominy on stove, putting in lye to remove the wheat husks; August 4, 1933; Lane County; USDA S-17646-C.

372 Two women washing and cleaning wheat in preparation for making wheat hominy; August 4, 1933; Lane County; USDA S-17645-C.

373 Milwaukee Canning center showing demonstration and sample of with equipment for salted beans; August 1, 1933; Clackamas County; USDA S-17571-C.

374 Exhibit of canned tomatoes and tomato juice at Townsend home, showing canning budget for family of four; July 31, 1933; Multnomah County; USDA S-17550-C.

375 Food preservation project, showing proper method of removing jars from pressure cooker; July 31, 1933; Multnomah County; USDA S-17563-C.

376 Food preservation project, showing preparation of salmon by cutting into small slices and placing in jar ready for cooking in pressure cooker; July 31, 1933; Multnomah County; USDA S-17560-C.

377 Food preservation project, showing how to remove skins of salmon by pouring hot water on the salmon and removing skin by scraping with a knife; July 31, 1933; Multnomah County; USDA S-17559-C.

378 Food preservation project, showing necessary equipment and proper canning of salmon; July 31, 1933; Multnomah County; USDA S-17558-C.

379 Milwaukee Canning center demonstrating proper method for conditioning and selecting dried products; August 1, 1933; Clackamas County; USDA S-17570-C.

380 Canning peas at Townsend home near Gresham; Photo by G.W. Ackerman, July 31, 1933; Multnomah County; USDA S-17549-C.

381 Sudan Grass a new crop in Rouge River valley; H.E. Boydon farm on edge of desert grown with irrigation

382 Man in front of corn field; Lake Co.

383 Man in sunflower field

384 Sunflowers and one dry hull; Baker Co.

385 Sunflowers; Lake Co.

386 Sunflowers are responsible for the first silos in Klamath and Lake Co.

387-389 Sunflowers

390 Japanese barnyard millet on John Jacob Astor experiment station. Left, planted May 22. Good stand, good growth. Right, planted April 17. Poor stand, slow growth. Stakes are of same height and placed same distance in the ground. Ground level on the right hand plot lower than on the left hand plot; Photo by G.W. Ackerman, July 19, 1925; Clatsop Co; USDA S-4831-C.

391 Umatilla Co. Farmer's Cooperative Oil Association. County Agent W.A. Holt on left with officers and Board of Directors. The Cooperative oil tank is in the background; August 6, 1933; USDA S-17679-C.

392 Officers and Directors of Umatilla Farmers' Cooperative Oil Association with plant and delivery truck in background; August 8, 1933; Umatilla Co; USDA S-17678-C.

393 Two prints;
USDA S-17693-C; Gas tanks buried in ground which make it possible for gravity flow to gas pump; Morrow Co. Farmers' Cooperative Oil Association; August 7, 1933
USDA S-17694-C; Farmer getting gas from Morrow Co. Cooperative Oil Plant at Lexington; August 7, 1933

394 A profitable flock of high shearing Angora owned by the leader of the club, Lige Grant; Lincoln Co.

395 Flock of sheep

396 C.C. Ruth associate Professor Crops OAC in field of rape grown for seed; Benton Co.; ca. 1923

- 397 Cleaning bent green seed; Clatsop Co; USDA S-20322-C.
- 398 Hungarian vetch; college station, ca. 1923
- 399 Crested wheat grass field at Ukiah, Oregon. First commercial field planted in Oregon-James Nossie, owner; August 6, 1933; Umatilla Co.; USDA S-17677-C.
- 400 Another view of the crested wheat grass nursery on the Frank Oliver place; August 5, 1933; Grant Co.; USDA S-17675-C.
- 401 Another view of nursery in Lexington, Oregon; August 7, 1933; Morrow Co.; USDA S-17697-C.
- 402 Grass nursery near Lexington showing grass in foreground; August 7, 1933; Morrow Co.; USDA S-17698-C.
- 403 Another view of Smooth Brome and Crested wheat on right; Frank Oliver farm, Bear Valley; August 5, 1933; Grant Co.; USDA S-17672-C.
- 404 Slender wheat grass nursery, Frank Oliver place; August 5, 1933; Grant Co.; USDA S-17674-C.
- 405 Smooth Brome Crested wheat, Frank Oliver place; August 5, 1933; Grant Co.; USDA S-17673-C.
- 406 Superior reed canary grass; the spot where this was taken on the Harvey Freeze farm is covered with water and serves as a duck lake during the winter; 4x5 neg
- 407 Hairy vetch planted with rye; 4x5 neg
- 408 Sacks of ladino clover; 4x5 neg
- 409 Clover seed in central Oregon; 4x5 neg; UDSA S-17619-C.
- 410 English rye; pg. 98 of 1938 report; 4x5 neg
- 411 Chewings fescue; pg. 105a of 1938 report; 4x5 neg.
- 412 Austrian winter field peas growing on the William Dietz farm near Canby; photo by E.R. Jackman; 4x5 neg
- 413 Showing the "fairway" selection of Crested Wheat grass; 4x5 neg; photo by E.R. Jackman

414 Destruction of wheat fields by grasshoppers on Tule Lake near Merrill; dark line in background shows distinct line where hoppers were stopped by poisoning and burning; ca. 1923

415 Field destroyed by grasshoppers on Tule Lake near Merrill; ca. 1923

416 Field after hoppers passed over near Merrill; dark line in background shows where hoppers were stopped by burning on previous day; ca. 1923

417 Poisoning squad in action in Upper Langell's Valley; ca. 1923

418 Grasshopper poisoning squad ready for action in Langell's Valley; ca. 1923

419 Fields of grain saved by poisoning in the Keno district; grain was entirely destroyed by hoppers in 1922; ca. 1923

420 Poisoning grasshoppers Langell's Valley; ca. 1923

421 Mixing station near Keno; ca. 1923

422 Central mixing station at Malin for Tule Lake district; ca. 1923

423 Beef steers on meadow pasture land near Bly saved from grasshopper invasion by poisoning; ca. 1923; Klamath Co.

424 Where grasshopper advance was stopped by poisoning and burning near Malin; ca. 1923

425-427 Burner in action; Tule Lake; ca. 1923

428 Mixing grasshopper poison on Upper Marsh; Klamath Co.

429 Crop where hoppers were killed

430 Two prints; group of people standing around maypole; sectional view of grasshopper burner used in Tule Lake, ca. 1923

431 Crop where grasshoppers were not killed

432 Destruction of wheat fields by grasshoppers on Tule Lake; the dark line in the background shows distinct line where hoppers were stopped by poisoning and burning

433 Rear view of mower; Chess Craddock ranch; August 5, 1933; Grant Co.; USDA S-17659-C.

- 434 Four-horse team which pulls chain of hay up on rack; August 5, 1933; Grant Co.; USDA S-17665-C.
- 435 View of four hay bucks used in operation of this wild hay farm; August 5, 1933; Grant Co.; USDA S-17667-C.
- 436 Native four-wheeled rakes gathering up wild hay after being cut by mower. Purpose of four-wheeled rake is to relieve weight on animals as they usually drive their horses in a trot; August 5, 1933; Grant Co.; USDA S-17666-C.
- 437 Close-up view of hay buck; August 5, 1933; Grant Co.; USDA S-17668-C.
- 438 Portable blacksmith shop and corral where extra horses are kept at camp on meadow during the wild hay harvest; August 5, 1933; Grant Co.; USDA S-17669-C.
- 439 Chess Craddock's daughter on her favorite pony; August 5, 1933; Grant Co.; USDA S-17657-C.
- 440 Chess Craddock's daughter and chum on ponies near stack of wild hay which photographers operated from in taking the wild hay pictures; August 5, 1933; Grant Co.; USDA S-17660-C.
- 441 Field of cut hay; USDA S-20445-C.
- 442 Harvesting alfalfa on the Howard Belton farm at New Era; Clackamas Co.
- 443 "Come and Get It"--the most important part of the wild hay camp. This operation lasts for about six weeks each year. About 8,000 tons of hay are cut from this meadow at a cost of approximately \$1.50 per ton. This portable cook shack is arranged more conveniently than the ordinary home kitchen, and the three women care for more than twenty men, besides the children, two dogs, three pups and eight sheep. One of the finest meals the photographers had on the entire trip was one served on this portable cook shack. The altitude of this meadow is so high that ice can be found usually any morning of the summer, which was the case on August 5 the day the photographers were there; August 5, 1933; Silvies Valley, Grant County; USDA S-17670-C.
- 444 Hay buck bringing in hay to stacker; August 5, 1933; Grant Co.; USDA S-17661-C.
- 445 Small boy operating single rake, picking up scattered wild hay near stacker; August 5, 1933; Grant Co.; USDA S-17664-C.
- 446-448 Josephine County Rural Better Homes Demonstration House, County Fair Week; ca. 1927

446 Bedroom before
447 Kitchen before
448 Kitchen before
449 Home-made iceless refrigerator-cash cost \$1.25. This picture shows just the opposite of way to keep milk or cream, as no vegetables or fruits should be kept on the same compartment; August 6, 1933; Umatilla Co.; USDA S-17688-C.
450-453 Josephine Co. Rural Better Homes Demonstration House, County Fair Week; ca. 1927
450 Bedroom after
451 Living room before
452 Living room before
453 Living room after
454-468 House interiors & housekeeping equipment flash cards
469 Rearrangement of a large farm kitchen "blue prints"
470 Pea plants; USDA S-20334-C.
471-472 Hop fields; USDA S-17585-C.
473 View of hop yard owned by Herman Smith; August 1, 1933; Clackamas Co.; USDA S-17585-C.
474 Two different prints; hop fields
475 Orchard heaters in operation on Cate orchard; Jackson Co.
476 Shew heaters in Modoc orchard; Jackson Co.
477 Harvesting orchard; USDA S-20290-C.
478 Modoc orchard; comice pears; fruit distributed all over trees as result of proper heating; Jackson Co.
479 Study of fruit bud damage by frost; different varieties and different stages of development withstand different temps.; Jackson Co.

480 Study of fruit bud damage by frosts; fruit in different stages of development withstand different temps.; Jackson Co.

481 Kenly orchard, Howell pears; results of orchard heating; ca. 1922; Jackson Co.

482-483 Modoc orchard, comice pears; loss of fruit due to frost and insufficient heating; ca. 1921; Jackson Co.

484 Kenly orchard, howell pears; no heating; ca. 1921; Jackson Co.

485 Two types of tripod picking ladders

486 Straight and diagonal methods of packing Oregon cherries

487 Apples loaded and ready for shipment

488 Orchard truck with platform

489 Two different ways of packing diagonally

490 Fresh prunes being loaded in car for shipment

491 Enforcing fruit inspection work by the last resort; forty acres cut down due to failure to control diseases and pests; Josephine Co.

492-493 Grape propagation demonstration; cuttings inverted and heeled in prior to covering for callusing; ca. 1923; Josephine Co.

494 Grape propagation; proper and improper method of making cuttings; ca. 1923; Josephine Co.

495 Horticultural Commissioner Allen taking moving pictures of crew engaged in grubbing out condemned orchard; inspector John Aiken in the foreground

496 Proper setting of smudge pots in C.A. Boles orchard; Central Point; Jackson Co.

497 Commissioner Allen and inspector Aiken passing final verdict; old orchard diseased and functions only as source of community infection

498 Normal crop of pears

499 Close view of branch showing heavy soot deposits from the use of smudge pots

500 Man standing beside branch of pear tree

501 Orchard

502 Winter nelis pear blossoms showing perfect Blossoms at top and diseased cluster on right; ca. 1923; Jackson Co.

503 Healthy spurs above and spurs which flower petals have fallen as a result of malnutrition

504 Smudge pots in Rouge River apple orchard; photo by C.C. Cate

505 Uprooted orchard due to disease infestation

506 Tree; USDA S-20386-C.

507 Branch of prunes

508 Medler Irrigated walnut orchard

509 Boxes of berries

510 Apples thinning ten to twelve inches on Hanley Newtowns; ca. 1923; Jackson Co.

511 Branch with fruit; USDA S-20388-C.

512 Irrigated out-of-season berries; S.E. Fish's Farm; Lane Co.

513 Man harvesting pears from ladder; USDA S-20422-C.

514 Field

515 Frank Stason orchard; Wolf Creek; ca. 1924

516 Italian prune crop

517 Field

518 Bear Creek orchard; Bert Lawrey, foreman, and sweet clover plant; ca. 1924; Jackson Co.

519 Hop field

520 Cover from Annual Report Wasco County Agent; three mile orchard district

521 Branch of berries

522 Overview of field

523 Row of trees in orchard

524 Weather shelter and instruments in orchard equipped with orchard heaters; Jackson Co.
525 Prunes in storage; Wasco Co.; USDA S-20286-C.
526 Grape thinning demonstration; typical bunch of Tokay grapes of proper size for thinning before thinning; ca. 1923; Josephine Co.
527 Grape thinning demonstration; same bunch as in P120:526 after approximately one-half of berries have been removed; ca. 1923; Josephine Co.
528 Willamette Valley loganberries
529 Overview of field of prunes; Douglas Co.
530 Lindbeck opening gate in flume of new cooperative irrigation project built by neighboring farmers at Colton, Oregon at a total cost of \$200; August 1, 1933; Clackamas Co.; USDA S-17589-C.
531 Farm flock of sheep on irrigated pasture, J.M. Butler farm, Ontario; Photo by G.W. Ackerman, July 24, 1925; Malheur Co.; USDA S-4898-C.
532 Grade Holsteins on irrigated pasture, A.A. Gutteridge farm, Oregon Slope; Photo by G.W. Ackerman, July 24, 1925; Malheur Co.; USDA S-4895-C.
533 Dairy herd on Marvin Thomas place, irrigated pasture; Powell Butte, Oregon; August 3, 1933; Crook Co.; USDA S-17624-C.
534 Grade Holsteins on irrigated pasture, A.A. Gutteridge farm, Oregon Slopt; Photo by G.W. Ackerman, July 24, 1925; Malheur Co.; USDA S-4894-C.
535 Adjoining pasture to one shown in above negative-showing non-irrigated pasture, Cloverdale, Oregon; August 2, 1933; Tillamook County; USDA S-17596-C.
536 Head gate tower; Lake Ochoco, Prineville
537 Head gate tower and spillway; Lake Ochoco, Prineville
538 Sluice gates of the canal; Lake Ochoco, Prineville
539 Conduit Ochoco Dam looking towards Prineville
540 Irrigation demonstration
541 Man next to irrigation pipe

542 Dam constructed by C.C. Burch of Alsea which will divert water for 15 acres; ca. 1923; Benton Co.

543-545 Crabtree irrigation demonstration; ca. August 6, 1924

546 Irrigating by strip-border method; J.D. Van Well Farm; Polk Co.

547 Group of people standing by irrigated field

548 Irrigation on J.D. Van Well Farm; Ladino clover second season

549 Irrigating ladino clover second season; C.W. Brandstelter Farm; Polk Co.

550 Whirling type sprinklers used for irrigating ladino clover pasture Frank Hall's Farm; ca. July 16, 1931; Benton Co.

551 Centrifugal pump and electric motor part of overhead irrigation system; Mr. Hall's Farm; ca. July 16, 1931

552 Irrigated red raspberries; Linn experiment farm

553 Skinner type of overhead irrigation farm of J.O. Holt; Lane Co.

554 Liquid manure wagon spreading manure on the field of F.L. Owen's farm; Cloverdale, Oregon; August 2, 1933; Tillamook Co.; USDA S-17598-C.

555 Pumping plant on George Neuner farm; Riddle, Douglas Co.

556 Thompson sprinkler head, cost of \$5.70 each, on truck garden near Eugene, Oregon; August 4, 1933; Lane County; USDA S-17652-C.

557 Small truck garden with overhead sprinkling system; August 4, 1933; Lane Co.; USDA S-17650-C.

558 A Typhoon 2 1/2 inch pump, 5000 gallons an hour capacity on W.L. Powell farm, Kiger Island. Driven by 6 horsepower gasoline engine; Photo by G.W. Ackerman, July 17, 1925; Benton County; USDA S-4786-C.

559 Overhead sprinkling system; Woodruff Nursery, Eugene; August 4, 1933; Lane Co.; USDA S-1769-C.

560 Typical landscape, irrigated section, near Ontario. This is on the John Lackey Farm. Oats in the foreground, Federation wheat in the back ground, corn on the right. Taken from the bank of the main irrigation ditch of the Owyhee Canal Company; Photo by G.W. Ackerman, July 24, 1925; Malheur County; USDA S-4901-C.

561 Typical landscape, irrigated section, near Ontario. This is on the John Lackey farm. Oats in the foreground, Federation wheat in the background, corn on the right. Taken from the bank of the main irrigation ditch of the Owyhee Canal Company; Photo by G.W. Ackerman, July 24, 1925; Malheur County; USDA S-4902-C.

562 Fleischman and Monahan farm, Kiger Island, showing distributing ditches. Mr. Fleischman is shown irrigating peppers, of which he has 6000 plants; Photo by G.W. Ackerman, July 17, 1925; Benton Co.; USDA S-4783-C.

563 Dairy herd at Hager farm on irrigated pasture showing registered Jersey bull with Mr. Hager and County Agent Hagglund in foreground; August 3, 1933; Deschutes Co.; USDA S-17611-C.

564 Farm flock of sheep on irrigated pasture, J.M. Butler farm, Ontario; Photo by G.W. Ackerman, July 24, 1925; Malheur Co.; USDA S-4898-C.

565 Irrigated and non-irrigated red clover; Oregon Experiment Station

566 Electrically operated pump on Fleischman and Monahan farm, Kiger Island. This is a 5 inch DeLaval driven by 3 horsepower motor. Twenty four foot lift; USDA S-4783-C.

567 Diversion dam; Marcus Parmenter farm; Benton Co.

568 Pumping plant; H.H. Gibson farm; Benton Co.

569 Flume used for distributing water for strip border method of irrigation; Yamhill Co.

570 Farm reservoir and irrigated pasture; Clair Reed farm; Yamhill Co.

571 Flume on Dickey prairie project

572 Temporary diversion dam; Dickey prairie community ditch; Clackamas Co.

573 Motor and pump house; Sam Brown farm; Marion Co.

574 Discharge farm Mr. Brown's well

575 Lay concrete pipe for distribution system; Sam Brown place; Marion Co.

576 Land filled for corrugation method of irrigation; John Thornburg Farm; Washington co.

577 Irrigated cucumbers; Mr. Fish's farm

578 Irrigated vegetable crops; farm of J. Stahl; West Stayton

579 Irrigation

580 Electrically operated pump on Fleischman and Monahan farm, Kiger Island, showing the main distributing ditch. This pump will deliver from 400 gallons to 20 gallons per minute and uses power in proportion to the load. Cost of electricity 50 cents for 10 hours operation, delivering 24,000 gallons in an hour. In this photograph the pump is shown delivering about 100 gallons per minute. It costs \$100 to dig and timber the hole 8' by 12', 16 feet deep, from which the water is obtained; Photo by G.W. Ackerman, July 17, 1925; Benton County; USDA S-4784-C.

581 Electrically operated pump on Fleischman and Monahan farm, Kiger Island. This is a 5 inch DeLaval driven by 3 horsepower motor. Twenty-four foot lift; Photo by G.W. Ackerman, July 17, 1925; Benton Co; USDA S-4783-C.

582 Typical landscape, irrigated section, near Ontario. This is on the John Lackey farm. Oats in the foreground, Federation wheat in the background, corn on the right. Taken from the bank of the main irrigation ditch of the Owyhee Canal Company; Photo by G.W. Ackerman, July 24, 1925; Malheur County; USDA S-4901-C.

583 A Typhoon 2 1/2 inch pump, 5000 gallons an hour capacity on W.L. Powell farm, Kiger Island. Driven by 6 horsepower gasoline engine; Photo by G.W. Ackerman, July 17, 1925; Benton County; USDA S-4786-C.

584 One-acre irrigated Ladino Clover pasture and dairy herd near Milton, Oregon; one acre for nine cows; August 6, 1933; Umatilla Co.; USDA S-17681-C.

585 Holstein dairy herd on irrigated pasture near Hermiston, Oregon; August 6, 1933; Umatilla Co.; USDA S-17692-C.

586 Sprinkler system--pipe in ground using 40' hose on Mr. Edwards' place near Tillamook City, Oregon. Pasture is seeded with ladino clover; August 2, 1933; Tillamook County; USDA S-17600-C.

587 Showing another view of some small truck garden with racks in foreground illustrating how pipe is moved from one part of the garden to another; August 4, 1933; Lane Co.; USDA S-17651-C.

588 Overhead sprinkling system on Chase farm near Eugene. Growing bean crop; August 4, 1933; Lane Co.; USDA S-17648-C.

589 Mr. Chase turning the water from motor pump operated on bank of Willamette river; ca. August 4, 1933; Lane Co.; USDA S-17649-C.

590 Distant view of cooperative irrigation project at Colton, Oregon, showing County Agent discussing problems with cooperators of project, which represents 24 different cooperators with a total acreage of 350 acres. This is one of the projects installed under the direction of Arthur King, Extension Soils Specialist; August 1, 1933; Clackamas County; USDA S-17590-C.

591 Distant view of farmland

592 Showing field cleared of stumps by use of pyrotol during the winter of 1924-1925. Farm of Rupprecht, Sherwood, R.F.D. #3. Eighteen hundred pounds of pyrotol used on seven acres. Lost only one charge; Photo by G.W. Ackerman, July 16, 1925; Washington County; USDA S-4778-C.

593 Land clearing demonstration; Riverside Community; ca. 1922; Linn Co.

594 Burning debris

595 Zysset stump burning process; Lincoln Co.

596 Explosion

597 Western States Extension; workers view land clearing demonstration; Riverside Co.; ca. 1922; Linn Co.

598 George W. Kable explaining method of placing furnace for burning large stumps; ca. 1923; Benton Co.

599 Land clearing by use of Zysset stump burner

600 Results obtained by use of the Zysset burner

601-602 1924 Land Products Show; OAC display

603-605 1922 Land Products Show; OAC display

606 A field trial of lettuce; farmers inspect the results on field day arranged by county agent Henderson; ca. 1925; Klamath Co.; photo by Jackman

607 Horses drawing apparatus

608 Monroe farm mechanics club

609 Drag used for leveling land

610 Throwing up borders with a drag; A.J. Evers' farm; Washington Co.

611 Manure pit, John Jacob Astor experiment station, Astoria; Photo by G.W. Ackerman, July 19, 1925; Clatsop County; USDA S-4832-C.

612-613 Manure pit at John Jacob Astor experiment station, Astoria.

614 Manure pile on farm of Jacob Josi, Oregon City, R.F.D. #3. Note the straight sides. Loss by leaching is minimized; Photo by G.W. Ackerman, July 16, 1925; Clackamas Co.; USDA S-4762-C.

615 Exterior of Morrison Mills barn, Tillamook. Liquid manure tank at the left rear corner of the barn; Photo by G.W. Ackerman, July 18, 1925; Tillamook Co.; USDA S-4813-C.

616 Outlet of liquid manure tank, Morrison Mills farm, Tillamook; Photo by G.W. Ackerman, July 18, 1925; Tillamook Co.; USDA S-4811-C.

617 Interior of Morrison Mills barn, Tillamook; white-washed, clean, convenient racks for all tools and equipment, lavatory and toilet; Photo by G.W. Ackerman, July 18, 1925; Tillamook Co.; USDA S-4812-C.

618 Liquid manure tank, showing lifting pump, on farm of Mike Abplanap, Tillamook. Distributing tank drives up to the pump at the right; Photo by G.W. Ackerman, July 18, 1925; Tillamook Co.; USDA S-4818-C.

619 An uneconomical method of conserving manure; Photo by G.W. Ackerman, July 20, 1925; Multnomah Co.; USDA S-4834-C.

620 View of liquid manure wagon being filled by power pump from tank buried in ground under dairy barn; August 2, 1933; Tillamook Co.; USDA S-17605-C.

621 Model dairy barn with fluid manure pit, gravity. Owned by F.L. Owens, County Commissioner, Cloverdale; August 2, 1933; Tillamook Co.; USDA S-17597-C.

622 Jackson County Farm Bureau Cooperative Exchange the business home of the farmers of Jackson County through which they have either purchased or sold commodities aggregating over \$300.00; Warehouses of The Farm Bureau Exchange, Medford; ca. 1923; Jackson Co.

623 Office force and buildings of Farm Bureau Exchange; Jackson Co.

624 Warehouses of the Farm Bureau Exchange; Jackson Co.

625 Plant of lower Columbia Coop. Dairy Assn., Astoria; ca. 1924

626 Melons loaded into truck; A \$151,000 cash crop; USDA S-20392-C.

627 Man eating melons; USDA S-20385-C.
628 Close-up view of Woodruff nursery, Eugene; August 4, 1933; Lane Co.; USDA S-17636-C.
629 Rockery and lily pond at Woodruff Nursery, Eugene; August 4, 1933; Lane Co.; USDA S-17640-C.
630 Holly nursery at Brownell poultry farm near Milwaukee, Oregon--a million dollar crop in Oregon; August 1, 1933; Clackamas Co.; USDA S-17575-C.
631 Woman in smock holding basket of cut holly
632 Another view of nursery, Lexington, Oregon; August 7, 1933; Morrow Co.; USDA S-17697-C.
633-636 Children in classroom for nutrition study; ca. 1925
637 Weighing school children in the Summit Community; Photo by G.W. Ackerman, July 17, 1925; Benton County; USDA S-4787-C.
638 Irrigated certified Victory Oats on E.M. Hall farm, Powell Butte,--yield 100 bushels to the acre; August 3, 1933; Crook Co.; USDA S-17628-C.
639 Lake Co. grain field
640 Farm Crops Tour; crop specialist Jackman explaining variety differences of oats to group of farmers; ca. 1923; Josephine Co.
641 Boy standing in oat field
642 Onions harvested in 1921 on the J.C. Leedy farm at Kinton; Washington Co.
643 Oregon Small Seed Exhibit; Pacific International Livestock Exposition; ca. 1939; Portland
644-646 "Truth in Meats" display; ca. 1941
647-649 Pac International livestock show; ca. 1940
650 "Truth in Meats" display; ca. 1935
651-653 Home economics exhibit at the Pacific International Livestock Exposition; compares amt. of lime in quart to amt. of lime in other foods
653 Compares amt. of calcium in milk to amt. of calcium in other foods

654 Exhibit showing importance and methods of milk and cream refrigeration for shipping Pacific International Livestock Exposition; ca. 1930

655 Electricity exhibit

656 "What the agricultural Graduate is doing" exhibit

657 Eastern Oregon Experiment Station exhibit

658 "A New National Champion" exhibit

659 Demonstration plots of peas and grain on Weston mountain. County Agent Bennion making a check on the set of the pea pods; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4878-C.

660 Covered loading shed on the Ray Seely farm, Wilsonville; Photo by G.W. Ackerman, July 16, 1925; Clackamas Co.; USDA S-4775-C.

661 Field peas on State Farm; Max Wilson, manager, in field; ca. 1923; Prineville

662 Field peas; Burns Station; ca. 1923

663 H.L. Wagner in field of Tangier peas; ca. May 30, 1923; Benton Co.

664 H.L. Wagner beside crop of Tangier peas cut for seed; ca. 1923; Benton Co.

665 Field of Austrian peas

666 Farm Crops - pea harvesting; ca. 1938

667 Man examining field after spraying with Atlacide dust

668 Women around table

669 Drilling rig

670 Baker experimental well

671-684 Farm posters

671 "A Good Income is a Joy Forever"

672 "Advertising is an Essential Part of Marketing"

673 "Legumes are Necessary"

674 "What Makes Dairying Profitable"
675 "Pasture Everyday Brings Dollars Your Way"
676 "Who Grades or Inspects Your Product, or Whether it is Graded at All?"
677 "Succulents are Needed"
678 "Breed Your Own Herd"
679 "Heating and Sterilizing Equipment Will Make Quality Products and Save Your Money"
680 "Cooling is Necessary and Pays"
681 "Improve Quality of Cows"
682 "Sanitation is a Step in Marketing"
683 "It's Cheaper to Be Clean"
684 "Control Disease"
685 County agent prepares Corn Exhibit; U.S. National Bank; McMinnville
686 Farm poster "The Food Value of Dairy Products Must Be Told"
687 C.D. Rorer sponsors corn show in lobby of his bank in Eugene
688 Experiment Station display
689 Relief map of Oregon by S. Shedd
690 Extension Service display
691 Central Oregon display
692 Corn show displays
693 Oregon State Exhibit
694 Southern Oregon display
695 Willamette Valley

696 Lobby Exhibit in First National Bank, Portland

697 Eastern Oregon display

698 Wolf Creek farmers enjoy a picnic lunch after examining crops demonstrations in neighborhood. H.M. Gilkinson yard; Photo by G.W. Ackerman, July 23, 1925; Union Co; USDA S-4888-C.

699-700 Community picnic dinner, cafeteria style, at Grange Hall, Summit Community. Balanced meals, with liberal portions of vegetable salad, fruits, etc. have crowded out the time-honored grange picnic meal that featured pies and cakes; Photo by G.W. Ackerman, July 17, 1925; Benton Co.;

699 USDA S-4793-C.

700 USDA S-4792-C.

701 May Day; people around May Pole; Neil Creek Farm Bureau Community; ca. 1920; Jackson Co.

702 Diseased leaves; cut out from photographs; 3 individual leaves

703 Plant diseases; 6 pictures

704 Plant diseases; 2 mounted drawings

705 Man standing in field of poppies

706 County Agent Fred Bennion, and C.L. May discuss potato prospects on Weston Mountain. C.L. May farm; Photo by G.W. Ackerman, July 21, 1925; Umatilla County; USDA S-4879-C.

707 Sweet potatoes on the Grimm Brothers farm, Irrigon. Sweet potatoes have never been produced commercially in Oregon. Farmers on the Boardman irrigation project are cooperating with County Agent R.W. Morse in attempting to produce this crop in commercial quantities. In 1924, there were unloaded at Portland 130 cars of sweet spuds from California and middle western states; Photo by G.W. Ackerman, July 21, 1925; Morrow County; USDA S-4857-C.

708 The 80-acre irrigated field of netted gem potatoes owned by D.W. Ferguson near the Cloverdale community; August 3, 1933; Deschutes County; USDA S-17601-C.

709 Field of Burbank certified potatoes planted July 4, showing results and value of proper storage of seed and treatment; August 1, 1933; Clackamas County; USDA S-17583-C.

710 Stand of Burbank potatoes planted July 4 without treatment or certified seed; August 1, 1933; Clackamas Co.; USDA S-17584-C.

711 Irrigated certified potatoes on E.M. Hall farm, Powell Butte; ca. August 3, 1933; Crook Co.; USDA S-17629-C.

712 Certified irrigated potato field on R.R. Roberts farm, Powell Butte; August 3, 1933; Crook Co.; USDA S-17630-C.

713 Potato storage pit 56' x 80' on Hager farm with capacity of 12 cars, total cash cost of construction-\$80; August 3, 1933; Deschutes County; USDA S-17612-C.

714 Source of seed demonstration; Weston Mt.

715 Weston Mt. certified Gems on Mrs. Hattie Friswold ranch; ca. 1923; Union Co.

716 Potatoes of same variety - certified vs. un-certified; ca. 1923; Union Co.

717 Weston Mountain potato field owned by Ralph Lansdale. planted June 11 to 15, 1925; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4877-C.

718 Man inspecting potatoes; USDA S-20304-C.

719 I.T. Beal, of Parkdale, in his Early Rose potato patch; Photo by G.W. Ackerman, July 20, 1925; Hood River Co.; USDA S-4845-C.

720 Pickers at work; Ruth McKennon; ca. 1923

721 Jackman in potato field in Illinois Valley showing group of farmers the result of Mosaic on yields of potatoes; ca. 1923; Josephine Co.

722 Studying potato diseases in Lake Co.

723 Potatoes; left - certified; right - uncertified

724 Pickers at work; Ruth McKennan farm; ca. 1923

725-726 Mosaic vs. healthy hill netted gem potatoes; Criterion

727 Ruth McKennan potatoes; ca. 1923; Alicel, Union Co.

728 Mosaic plants on Slayton Ranch; ca. 1923

729 Sorters at work; Ruth McKennan farm; ca. 1923; Alicel

730-731 A seed potato grower staking hills of the right type for early digging for next years seed plot; ca. 1923

732 Potato certification on Weston Mt.; fresh cut seed on left, partly sprouted seed after week rain on right

733 Section of Ruth McKennon's dry-land potato field; ca. Dec. 1923; Alicel

734 Potato field of C.L. May, Weston Mountain; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4880-C.

735 Man inspecting potatoes; potato field; Columbia Co.; USDA S-20304-C.

736-760 Poultry houses; Poultry Demonstration Group; ca. 1923; OAC

736 Chicken in yard

737 Plucked chicken; frontal view

738 Plucked chicken; side view

739 Examining eggs with light

740 OAC type of laying house with 600 hen capacity. Farm of Peter Kylo, Canby; Photo by G.W. Ackerman, July 16, 1925; Clackamas County; USDA S-4764-C.

741 Convertible brooder and colony houses on the Peter Kylo farm. These houses are on skids and are moved to clean ground each year; Photo by G.W. Ackerman, July 16, 1925; Clackamas County; USDA S-4965-C.

742 Chicken in yard

743 Man taking statistics on chicken

744-745 Field of chicken

745 8x10 hand colored film positive image

746 Egg house; Kircher Poultry farm; Eugene

747 Egg storage room

748 Screened in roost

749 Lane County Poultry Clubbers use high strain OSC White Leghorns

750 Open air range houses, 8 feet by 10 feet, on poultry farm of Elmer Bribble, Canby, Mr. Gribble has 14 such houses that take care of 1600 pullets. He has 2600 hens in his plant. In 1925, he sold 27,000 baby chicks. In his community he pioneered the practice of raising asparagus as a side line to his poultry flock. The plant gives shade to the birds and also furnishes them many insects; Photo by G.W. Ackerman, July 16, 1925; Clackamas County; USDA S-4763-C.

751 OAC drawings for insulated egg room

752 Screened in yard adjoining colony houses

753 Egg storage house

754 OAC demonstration meeting; Fir Lane Poultry Farm; H.E. Cosby, speaker; ca. Feb. 28, 1923

755 Colony houses of Eldon Brush

756 Ambrose Brownell hollow tile egg room

757 Entrance to Ambrose Brownell hollow tile egg room

758 Drawing for tank

759 Summer cockerel range and equipment at Ambrose Brownell poultry farm near Milwaukee; August 1, 1933; Clackamas Co.; USDA S-17573-C.

760 Pullets on summer range with equipment at Brownell poultry farm near Milwaukee; August 1, 1933; Clackamas Co.; USDA S-17574-C.

761 Jersey herd of Pat Sullivan, Hermiston dairyman, on irrigated pasture; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4861-C.

762 Dairy herd at Nager farm on irrigated pasture showing registered Jersey bull with Mr. Hager and County Agent Hagglund in foreground; August 3, 1933; Deschutes Co.; USDA S-17611-C.

763 All registered dairy herd on irrigated pasture of R.T. Jackson farm near Sister; August 3, 1933; Deschutes Co.; USDA S-17614-C.

764 Interior of Garret Ward barn. An old structure whitewashed inside and out; clean; Photo by G.W. Ackerman, July 18, 1925; Tillamook Co.; USDA S-4814-C.

765 Concrete milk cooling tank built into the floor of the milk house on Robert Warrens farm, Forest Grove; Photo by G.W. Ackerman, July 16, 1925; Washington Co.; USDA S-4781-C.

766 Milk house and utensil rack, Mike Abplanap farm, Tillamook; Photo by G.W. Ackerman, July 18, 1925; Tillamook Co.; USDA S-4819-C.

767 Tiled milk house on Robert Warrens farm near Forest Grove. Portable utensil rack; front end of house is screened; Photo by G.W. Ackerman, July 16, 1925; Washington Co.; USDA S-4780-C.

768 Convenient arrangement for feeding dairy cattle on farm of Judge Homer Mason, Tillamook; Photo by G.W. Ackerman, July 18, 1925; Tillamook County.

768 Rear view; USDA S-4800-C.

769 Front view; USDA S-4801-C.

770 Inside of Mike Abplanap milk house showing cooling tank; Photo by G.W. Ackerman, July 18, 1925; Tillamook Co.; USDA S-4820-C.

771 Milk house on the Ray Seely farm showing utensil rack and cans upside down with the covers off; Photo by G.W. Ackerman, July 16, 1925; Clackamas Co.; USDA S-4777-C.

772 Exterior of Garret Ward barn; Photo by G.W. Ackerman, July 18, 1925; Tillamook Co.; USDA S-4815-C.

773 Dry-land dairy barn, showing how clean a barn can be kept even when water is not available; August 6, 1933; Umatilla Co.; USDA S-17689-C.

774 Clean cows in stalls ready to be milked. Robert Warrens farm; Photo by G.W. Ackerman, July 16, 1925; Washington Co.; USDA S-4782-C.

775 Poor type of milk house; Photo by G.W. Ackerman, July 18, 1925; Tillamook Co.; USDA S-4809-C.

776 Dirty cow; photo by E.B. Fitts

777 Inside view of milk house showing arrangement for sanitary conditions; August 2, 1933; Tillamook Co.; USDA S-17606-C.

778 Johann Troedson uses poison salt bait; ca. 1923; Morrow Co.

779 Rabbit project

780-791 Pest and rodent control

780 Two coyotes caught in foot traps

781 "Fast way to kill gophers"; people digging up gophers

782 County Agent prepares truck load of poison grain for rodent control
783 County Pest Inspector Grant Nelson with a truck of poisoned grain for Committeeman
784 Two unidentified children in front of wall holding unidentified objects Tillamook Co.
785 Pupils in the Nashville school watching the demonstration in that district preliminary to starting the contest; mole trapping; ca. October 1, 1923; Lincoln Co.
786 Group of people looking for new gopher mounds on a field after poisoning the field a week prior; Polk Co.
787 Poison control group; Klamath Co.
788 Poisoned horse surrounded by two dogs on Rex Bord ranch; ca. 1923; Olene, Klamath Co.
789 The result of poisoning; horse and two poisoned dogs; ca. 1923; Olene, Klamath Co.
790 466 poisoned squirrels picked up from 2 acre tract on Rex Bord ranch; Klamath Co.
791 Mixing grain; Klamath Co.
792 The effect of crop rotation; left - wheat after crop of wheat; right - wheat after crop of potatoes; Lake Co.
793 Use of formaldehyde - dark strips vs. use of copper carbonate - balance of field; ca. 1923; Wasco Co.
794-796 No prints
797 W.H. Cleveland's Delanie buck sheep
798-799 Flock of sheep on S.D. Mustard farm; ca. 1924; Butte, Crook Co.
800 Grazing flock of sheep
801 Ned Sherlock loading sacks of wool for shipping; Lake Co.
802 Ned Sherlock farm; Lake Co.

803 Shearing shed on Ned Sherlock farm; Lake Co.
804-810 Grazing flock of sheep
811 Grazing cattle
812-813 Grazing sheep
814 Western SE farm flock
815 Wool in warehouse of Pacific Cooperative Wool Growers Assn..
816 Sheared sheep bedding down on Deschutes Natl. Forest; ca. 1923; photo by H.A. Lindgren
817 Some of W.H. Cleveland's wool on it's way to market after fleece weights were taken on individual ewes
818 Wool grading, Pacific Coast Wool Growers Cooperative, Portland, Oregon; July 31, 1933; Multnomah Co.; USDA S-17543-C.
819 Lambing sheds on R.A. Thompson farm near Lexington, Oregon; August 7, 1933; Morrow Co.; USDA S-17699-C.
820 Covered individual lambing pens under shed; R.A. Thompson sheep farm near Lexington; August 7, 1933; Morrow Co.; USDA S-17700-C.
821 Two 12x36 connected silos owned by George Laird of Bandon
822 Two connected silos
823 Barn and silo owned by Charles Genzoli of Arago; Coos Co.
824 Charlton roof; note doors permitting filling to top
825 Silo with walls made of short lengths of flooring
826 Silo and method of erecting silo
827 Method of making wooden hoops for silo using forms
828 Pit silo construction with excavation made for collar; Taylor Ranch; Merrill
829-836 Plans for silo construction
829 Detail of door and opening for wooden hoop silo

830 Plan of doors in roof of wooden hoop silo
831 Elevation of wooden hoop silo showing continuous door opening, anchors at base, and slope of doors in roof
832 Plan and side elevation of re-saw silo
833 Detail of chute for re-saw silo
834 Method of sawing reaction of sill and roof plate for er-saw silo
835 War time poster "Build a Silo - Save a Grain"
836 Details of wall construction of re-saw silo
837 Child in field after dry sodium chlorate treatment
838 Comice pear tree in Hollywood demonstrating straw used as mulch under trees to prevent fruit from bruising and to act as humus when worked into the soil; ca. 1923; Jackson Co.
839 Showing effect of nitrate of soda on the growth of vetch; Jackson Co.
840 Showing relative growth of different varieties of legumes used as cover crops; Jackson Co.
841 Cover crop of vetch and rye in Paul Seherer's pear orchard near Central Point; ca. (close of smudging season) 1922; Jackson Co.
842 Will Hansen plowing under vetch and rye cover crop in Bosc Orchard near Medford; Jackson Co.
843 Dicing cover crop of rye and vetch before plowing under in the Hansen Bosc pear orchard; Jackson Co.
844 Insect and disease control; Jackson Co. growers attending spraying demonstration
845-888 State Fair Exhibits
845 1924 School of Agriculture; Extension Service
846 1925 Washington Co. display
847-850 1922 OAC Experiment Station
851 1922 OAC Vocational Education
852 1922 OAC Information
853 1925 OAC School of mines and School of Chemical Engineering
854 1925 OAC School of Engineering
855 1925 OAC School of Agriculture

856 1925 OAC Information and Military Science & Tactics
857 1926 OAC Military Science & Tactics
858 1924 OAC School of Home Economics
859 1925 OAC School of Home Economics
860 1926 OAC School of Home Economics
861 1926 OAC Landscape Architecture
862 1923 OAC School of Forestry
863 1923 OAC School of Engineering
864 1923 OAC School of Pharmacy
865 1923 OAC School of Agriculture
866 1923 OAC School of Home Economics
867 1923 OAC Extension Service
868 Prior to 1919 OAC displays overview
869 1926 OAC Chemical Engineering and School of Mines
870 1926 OAC School of Agriculture
871 1926 OAC Industrial Arts
872 1924 OAC Extension Service
873 Reserve Officers Training Corps Armory display
874 Military display
875 1924 OAC School of Engineering
876 1924 OAC Military Science & Tactics
877 Terrain Board & military display
878 OAC School of Engineering
879 OAC Home Economics Goals display
880 OAC School of Engineering display
881 OAC School of Agriculture display
882 1930 OAC exhibits
883-884 1930 OAC College crops
885 OAC Chemical Engineering
886 Purpose of the Electrical Investigations display
887 1940 Oregon Dairy Industry display
888 1931 OAC dairy exhibit
889 Multnomah County Subsistence garden project, showing another view of the same garden with smaller vegetables. The man in the foreground is the owner of this garden and was unemployed. Besides raising all the garden food for his own family and canning enough to last during the year, he was able to sell \$400 worth of vegetables from a result of his work; July 31, 1933; USDA S-17562-C.
890 Subsistence garden in Milwaukee; August , 1933; Clackamas Co.; USDA S-17572-C.
891 Multnomah County Subsistence garden project, showing another view of the same garden with Southern Pacific Brooklyn car shops in background and home of the owner of this garden; July 31, 1933; USDA S-17564-C.

892 Multnomah County Subsistence garden, showing garden in very poor soil near Southern Pacific car shops in city of Portland; July 31, 1933; USDA S-17561-C.

893 Subsistence garden at outskirts of Redmond, Oregon. There were a total of 250 subsistence gardens in this county in 1933; August 3, 1933; Deschutes Co.; USDA S-17609-C.

894 Grazing pigs

895 Rough hogs

896 Good pigs

897 Good light hogs

898 Hog on Winona Ranch in Grants Pass

899 Some of Fred Entermille's shoats ("baby" pigs)

900 Fred Entermille and his hog Big Buster

901 Hogs after feeding on wheat and alfalfa for 40 days; Jackson Co.

902 Hogs at beginning of 50 days feed on wheat and alfalfa; Jackson Co.

903 Pigs in pasture

904 Pigs feeding

905 Sign in front of house "Fred Entermille registered Poland China Pigs for sale"

906 Group of men watching hog

907 Hog

908 Portable houses used on Entermille hog ranch; Elkhorn range in background

909 March & April shoats (baby pigs) in feed lot of Fred Entermille

910-912 Removed from photographs and transferred to MC - Animal Husbandry, Dept. of

913 Grimes Golden tree properly pruned since 5 yrs. old

914 Extension service conducts pruning demonstration on Cherry Lane Ranch near Freewater; ca. November 1928

915 Gravenstein properly pruned since 5 yrs. old

- 916 Group at four day pruning school at Milton-Freewater
- 917 Apple tree, loaded with fruit, that was thinned but not headed back; ca. 1923; Jackson Co.
- 918 d'Anjou pear tree that has not been headed back which shows the spread and large quantity of fruit; ca. 1923; Jackson Co.
- 919 d'Anjou tree after 3 yrs proper pruning; ca. 1923; Benton Co.
- 920 William McKay's d'Anjou after pruning; ca. 1921
- 921 William McKay's d'Anjou before pruning; ca. 1921
- 922 Demonstration tree in Bennet's orchard pruned by County Agent; tree planted in 1920 and is 3 yrs. old
- 923 Tree incorrectly pruned by owner of orchard the day previous to demonstration
- 924 Tree pruned for three years using the close heading system; ca. 1924; Douglas Co.
- 925 Three-year-old Italian prune tree pruned by high renewal system; ca. 1924; Douglas Co.
- 926 Apple tree on David Pitt farm at Beaverton pruned for 2 years using long system; ca. spring 1923
- 927 Tree in orchard of Fisher Brothers of Banks used as demonstration tree for pruning by County Agent
- 928 Tree pruned by J. Narup in 1922; ca. 1923
- 929 Apple tree properly pruned this year on Maplehurst Fruit Farm
- 930 Apple tree before pruning on Maplehurst Fruit Farm; ca. 1915
- 931 Tree improperly pruned, heading back detrimental; Maplehurst Fruit Farm; ca. 1915
- 932 Tree on Maplehurst Fruit Farm before pruning; ca. 1915
- 933 Man pruning tree; picture from Ballard bulletin
- 934 Newton trees before heading; ca. 1923; Jackson Co.

935 Newton apple trees thinned and headed back according to old system of pruning; ca. 1923; Jackson Co.

936 Thinning demonstration on J.F. Stoves winesap orchard; ca. 1923

937 Breaking doubles in Hanley Orchard; ca. 1923; Jackson Co.

938 Tobacco field; Astor Station; USDA S-20330-C.

939 American Institute of Cooperation tour through Oregon; ca. July 1928

940 Home Station Field Days; ca. June 1924

941 Farm tour; row of cars

942 Milton-Freewater orchard demonstration tour

943 Field days on college station; ca. 1922

944 Ladino clover on Myron Hager place in Powell Butte; ca. 1923; Crook Co.

945 County Agent Bennion showing Washington horticulturists Milson-Freewater demonstration

946 A.G. Brown's federation vs. Bluestem trials; Field Day; ca. 1923; Crook Co.

947 Variety trial; 15 bushel difference in yield; ca. 1923; Union Co.

948 Parked cars which took 250 people on a tour over the ox parcunnish station; ca. 1923; Benton Co.

949 Malheur Co. Committee meeting

950 Farmers studying types of Shorthorns on Livestock Tour; farm of the Valley Canal Co. in Central Point; Jackson Co.

951 Extension specialist discusses spud seed on Floyd Johnson ranch; ca. 1923; Baker Co.

952 Group of people gathered in field

953 Group of people gathered by edge of water

954 Group of people gathered near wire fence

955 Group of people; Wasco Co.

956 Bankers Dairymen Tour visiting Marvin Thomas dairy farm in Powell Butte; ca. June 1929; Crook Co.
957 Experiment Station Field
958 Oregon Bankers visit Experiment Station where better farm practices are developed
959 Unidentified group of people
960 Lane Co. farmers looking at grass plots on Home Experiment Station; ca. June 15, 1923
961 Marion, Polk, and Yamhill Co. farmers view horse bean plots; County excursions to Experiment Station; ca. June 16, 1923
962 Part of the cars on Lane Co. day at Experiment Station in Corvallis; ca. June 15, 1923
963-972 Home Station Field days; ca. June 1924
963-964 Group in field
965 Group around tree
966 Group and white boxes
967 Group in field
968 Group around tree
969 Group in orchard
970-972 Group in field
973 Rib roasts; one from pure bred, one from "scrub"; 8x10 nitrate neg.
974 Man cutting meat
975 Man skinning animal
976 Women holding drumsticks
977 No print
978 Meat cutting demonstration; Home Economics Tea Room

979-995 1925 Pacific International Livestock exposition; OAC "Truth in Meats" display
996-1001 1941 Pacific International Livestock exposition; OAC "Truth in Meats" display
1002 1934 "Truth in Meats" display
1003 "Thrifty Meat Dishes that Please" display
1004 "Quickly Prepared Meat Dishes" display
1005 "Truth in Meats" display
1006 Unidentified man with a "U.S. Graded & Stamped Lamb"
1007 1932 OAC extension service "Truth in Meats" display
1008 1933 OAC extension service "Truth in Meats" display
1009-1010 1932 OAC extension service "Truth in Meats" display
1011-1014 "Truth in Meats" display
1015 1931 stock show "Truth in Meats" display
1016 "Truth in Meats" display
1017 1925 "Truth in Meats" display
1018 Lamb cutting demonstration
1019 1926 Pacific International "Truth in Meats" display
1020 OAC exhibit at the 1925 Pacific International Livestock exposition; "Truth in Meats" display
1021 "Truth in Meats" display
1022 Pacific International Lamb Cutting Demonstration
1023 Side of choice beef carcass showing marking of grade; livestock, meats and wool project; ca. April 10, 1927
1024-1025 "Truth in Meats" display
1026 1936 "Truth in Meats" display

1027-1028 "Truth in Meats" display
1029 Pacific International Livestock Exposition Grand Champion carcass; ca. 1937
1030-1031 1935 "Truth in Meats" display
1032 1935 "Meat Thermometer" display
1033 Domes White Holland Turkey Farm; Henry W. Domes; Rickreall
1034 Turkeys; C.R. Boyd; ca. 1936
1035 Regular pack of "Norbest" turkeys with scales attached
1036 J.C. Leedy and Herbert Beyers, managers of the Northwestern Turkey Growers; in front of an Oregon Turkey Growers' assn.. truck
1037 Box of turkeys
1038 Two plucked turkeys; hung up
1039 Two plucked turkeys; laid down
1040 Cart of plucked turkeys
1041 Two plucked turkeys; ca. 1937
1042 Bronze broad breasted turkeys; 1937 hatch
1043 Unidentified men holding plucked turkeys; ca. 1937
1044 Boy standing with two plucked turkeys; newspaper article on back
1045 Turkeys in sunflowers; J.R. Leedy farm; ca. August 5, 1937; Brooks
1046 Rows of prepared turkeys
1047 Turkey hung up next to yard stick
1048 Domes flock (Turkeys); Rickreall
1049 Turkey
1050 Field of turkeys
1051 Field of turkeys; A.R. Cooke; ca. 1935

1052 Northwest Poultry; unidentified boy and turkey
1053-1054 Baby turkeys
1055 300 four-month-old white Hollands; hatched June 7; Domes Flock; Rickreall
1056 Two prepared turkeys
1057 Grand champion turkey; All American Turkey Show; Henry W. Domes; Rickreall; ca. 1934
1058 Four-month-old turkeys; hatched June 7, 1935; Domes Flock; Rickreall
1059 Domes Flock on range; Rickreall
1060 Grand champion from Ogden, Utah; Henry W. Domes; Rickreall
1061 Unidentified boy next to turkey
1062 Two prepared turkeys (photo similar to P120:1056)
1063 J.L. Karnopp Rimrock Turkey Farm, Prineville, showing 2000 young turkeys in background; August 3, 1933; Crook County; USDA S-17631-C.
1064 Another view of J.L. Karnopp's young turkeys. These turkeys are incubator turkeys and only about two months old; August 3, 1933; Crook Co.; USDA S-17632-C.
1065 Another view of the turkey flock, near Hermiston, showing roosting racks in background; August 6, 1933; Umatilla Co.; USDA S-17691-C.
1066 View of 1200 turkeys, Hermiston; August 6, 1933; Umatilla Co.; USDA S-17690-C.
1067 Grand Champion Dressed Tom; Seventh World's Poultry Congress & Exposition
1068 Ward Cockerarin of Oakland with his Grand Champion turkey at the 1938 N.W. Show; other breed champion surrounding
1069 Dressed turkeys
1070 Northwest Poultry and Dairy show; 3 dressed turkeys
1071 Grand champion dressed turkey at the Northwestern Turkey Show; grown and exhibited by Ward Cockeram

1072 No print
1073 Grand Champion Tom, before dressing; bred and raised by Mr. & Mrs. Joseph Kupetz, Goshen
1074 Turkeys
1075 Two unidentified girls with turkeys
1076 Two girls and man with turkey
1077 Two girls feeding apples to turkey
1078 Two girls and man with turkey
1079 Man with turkey; H.J. Larsen farm; Portland
1080 Turkeys in orchard
1081 Field of white turkeys; 8x10 hand colored film transparency
1082 Dressed turkeys grown by Max Lyons, Portland
1083 Three men standing in field
1084 Five acre field of Bortfield turnips, yield of 4 tons to the acre, near Tillamook City, Oregon; August 2, 1933; Tillamook Co.; USDA S-17599-C.
1085 C.C. Ruth, associate Professor Farm Crops OAC in Hungarian vetch of A.R. McCallum; ca. May 4, 1923; Benton Co.
1086-1087 Vetch and oats demonstration; ca. 1924; Clatsop Co.
1088 Plot treated dry
1089 Young boy in front of field; Mark Jlrusen; Lewis & Clark 1st year crop; bull land; lime and inoculation
1090 Vetch and oats demonstration; ca. 1924; Clatsop Co.
1091 Vetch and oats; John Jacob Astor experiment station, Astoria; Photo by G.W. Ackerman, July 19, 1925; Clatsop Co.; USDA S-4833-C.
1092 Vetch and oats on Garret Ward farm, Tillamook; planted April 15; inoculated; no lime. Rate of seeding 40 pounds vetch, 50 pounds oats. County Agent W.D. Pine in the foreground. Not more than five acres of vetch and oats in Tillamook

County at the time this photograph was taken. This crop is being advocated as a source of green feed and hay; Photo by G.W. Ackerman, July 18, 1925; Tillamook County; USDA S-4816-C.

1093 Vetchroots; V. Hltamood farm; Lewis & Clark community; ca. June 24, 1924; Clatsop Co.

1094 Vetchroots; Min Pearl Cale farm; Lewis & Clark community, Astoria; ca. June 24, 1924;

1095 Wheat nursery at OAC station; ca. 1921

1096 Oregon high yielding wheat "Federation" and "Jenkins" beat National winter wheat average 5 bushels per acre

1097 Irvin Morris farm near Marizsm; ca. 1923

1098 Kernels of hard federation (left), white Australian (center), and early bart (right) wheats

1099 Farmers; Lake Co.

1100 Combined harvester; Sherman Co.

1101 Harvesting wheat

1102 Grain fields surrounding farm house; Lake Co.

1103 Stacks of hay; Lake Co.

1104 Federation wheat in the Redding Nursery; Hardman; ca. 1925; photo by E.R. Jackman

1105 Federation wheat on L. Redding farm; Hardman; photo by E.R. Jackman

1106 Jackman inspecting federation vs. Bluestem on A.G. Brown ranch; ca. 1923; Crook Co.

1107 Field of certified wheat; Jackson Co.

1108 Man in field

1109 1st plot of irrigated wheat on Fort Rock valley, federation valley; John Ernst Ranch

1110 Exhibits at the Grain Show; one of the variety exhibits showing need for field selection to maintain good type of this variety; Umatilla Co.

1111 Wheat stacks; Lake Co.

1112 Field of certified rink wheat; ca. 1923; Benton Co.

1113 Lawrence Redding found even where rate of seeding was reduced that the Forty Fold shown at the right was over twice as thick as formaldehyde treated wheat; Eightmile

1114 Jackman certifying Hybrid 128 on Hugh Huron ranch; ca. 1923; Union Co.

1115 Plot of irrigated federation wheat; Oliver Osmundson Ranch, Silver Lake

1116 A.O. Hall inspecting federation wheat in Crook Co.

1117 Farming; Lake Co.

1118 Harvesting Turkey Red wheat on Dwight Misner's farm; ca. 1923; Morrow Co.

1119 Variety trial; same kind of ground, same date of seeding, same treatment; ca. 1923; Union Co.

1120 Delivering wheat to the warehouse at Adams; Photo by G.W. Ackerman, July 21, 1925; Umatilla County; USDA S-4872-C.

1121 Delivering wheat to the warehouse at Adams; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4871-C.

1122 View of combine on George Peck farm in Lexington; June 7, 1933; Morrow Co.; USDA S-17701-C.

1123 Combine drawn by 26 head of mules and horses on W.N. Myrick ranch, Athena, in field of Federation wheat; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4882-C.

1124 An 18-mule drawn combine on ranch of Harold Barnett, Adams, in a field of Federation wheat that was running at the rate of 43 bushels per acre when this photograph was taken; Photo by G.W. Ackerman, July 21, 1925; Umatilla County; USDA S-4869-C.

1125 Combine drawn by 26 head of mules and horses on the W.N. Myrick ranch, Athena, in field of Federation wheat; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4882-C.

1126 An 18-mule drawn combine on ranch of Harold Barnett, Adams, in a field of Federation wheat that was running at the rate of 43 bushels per acre when this photograph was taken; Photo by G.W. Ackerman, July 21, 1925; Umatilla County; USDA S-4870-C.

1127 Combine drawn by 26 head of mules and horses on the W.N. Myrick ranch, Athena, in field of Federation wheat; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4881-C.

1128 Bagging wheat; USDA S-20452-C.

1129 Tractor drawn combine on Frank LaFave farm, Adams, in field of Federation wheat; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4867-C.

1130 Farmstead of Dave Nelson, Pendleton. There are 1218 acres in this farm; 600 acres are devoted to wheat each year. The average production per acre runs about 35 bushels, year in and year out; Photo by G.W. Ackerman, July 21, 1925; Umatilla County; USDA S-4864-C.

1131 Tractor drawn combine on Frank LaFave farm, Adams, in field of Federation wheat; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4868-C.

1132 Top view of bulk wheat plant owned by O.W. Kutsforth; August 7, 1933; Morrow Co.; USDA S-17695-C.

1133 Bulk wheat wagon is dropped and another hitched on without stopping the combine, Frank LaFave ranch, Adams; Photo by G.W. Ackerman, July 1925; Umatilla Co.; USDA S-4867-C.

1134 Front view of wheat bulk plant owned by O.W. Eutsforth, Lexington, showing also front view of unloading truck of bulk wheat; August 7, 1933; Morrow Co.; USDA S-17696-C.

1135 Tractor drawn combine on Frank LaFave farm, Adams, in field of Federation wheat; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4866-C.

1136 County Agent H.G. Avery, D.E. Stephens, superintendent of the Moro branch experiment station, and Jack Gorham, North Powder farmer, examining mixture in a field of Federation wheat; North powder community; Photo by G.W. Ackerman, July 23, 1925; Union Co.; USDA S-4885-C.

1137 Harvesting wheat where copper carbonate is used

1138 Tractor drawn combine on Frank LaFave farm, Adams, in field of Federation wheat; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4868-C.

1139 5000 sacks of certified Hybrid 128 wheat on the farm of H.J. Taylor, state senator. This wheat has been saved for seed and stacked in the field from whence it will be hauled away by farmers who desire it. There were 150 acres in this field, which averaged 38 bushels per acre. Less than one-tenth of one percent mixture. Hybrid 128 is the leading fall wheat variety in Umatilla County, and is recommended by the college for fall sowing in practically the entire eastern Oregon wheat belt; Photo by G.W. Ackerman, July 21, 1925; Umatilla County; USDA S-4865-C.

1140 Weston Mountain hillside showing binder working up the hill in the wheat field; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4874-C.

1141 Hillside above Weston showing federation wheat fields. On the right a bound field; to the left of it an 80 acre field of Federation that was hand rogued and certified; Photo by G.W. Ackerman, July 21, 1925; Umatilla Co.; USDA S-4875-C.

1142 North Powder farmers examine Federation wheat on the William Kester farm. D.E. Stephens, superintendent of the Moro experiment station, in the right foreground, explains the history of Federation and its rapid expansion in the state; Photo by G.W. Ackerman, July 23, 1925; Umatilla Co.; USDA S-4884-C.

1143 Shocked Federation wheat on the farm of Pete Tensen. County Agent L.R. Breithaupt and Mr. Tensen examine one of the bundles. This wheat will thresh in the neighborhood of 75 bu. per acre; Photo by G.W. Ackerman, July 24, 1925; Malheur Co.; USDA S-4903-C.

1144 Threshing Federation wheat on the farm of Major Moore, Ontario. Yield 72 bushels per acre; Photo by G.W. Ackerman, July 24, 1925; Malheur Co.; USDA S-4907-C.

1145 Rear view of same combine in field of George Peck farm; ca. August 7, 1933; Morrow Co.; USDA S-17703-C.

1146 Uprooted weed

1147-1151 Weed

1152 Canada thistle plots; Halls Dairy Farm; Pistillate and Staminate plants; ca. 1930

1153 Wheat; turkey red and turkey red with weeds

1154 Poison Larkspur

1155 Pennsylvania State Exhibit at 7th World's Poultry Congress; Cleveland, OH

1156 State Poultry exhibit at 7th World's Poultry Congress; ca. July 28 to August 27, 1939; rated one of the three best state exhibits

1157 State Poultry Exhibit as set up at the Oregon State Fair; ca. 1939

1158 Pie chart of "Oregon Land Ownership 1935"

1159 Graphs of average annual forage production; relation of precipitation to forage production

1160 Table of "Yields from Irrigated Pastures"

1161 Graph of "Effect of Grazing on Forage Production"

1162-1164 No prints

1165-1173 Warm Springs Indian boys Wildlife Management Short Course, July 25 through July 29, 1966

1165 Young boy in lab

1166 Two boys on row boat

1167 Group making observation

1168 Group fishing with net by shore

1169 Two boys

1170 Unidentified boys

1171 Two unidentified boys holding net; same as 1169

1172 Same as 1170

1173 Group of unidentified boys at lake with fishing nets; same as 1168

1174 Harry C. Seymour on horse drawn mower on OSC campus during annual 4-H Summer School; ca. late 1920's?

1175-1186 Kinetin discovery by Dr. Carlos O. Miller; also three page article on subject

1186 Leaf branded with OSU

1187 Jesse Harmond, head of the USDA seed processing and harvesting lab at OSU, adjusts the suction on a working model of a vacuum precision planter

1188 Single vacuum planter head attached to an ordinary tractor mounted seeder; seed hopper located near ground level

1189 Wheel and seed hopper mounted above the coulter; seed drops through a tube into the furrow

[Note: no.'s 1190-1196 have been assigned to two different sets of prints]

1190 Dr. Kermit J. Peterson, veterinary medicine

1191 Dr. Kermit J. Peterson at microscope

1192 George Waldo, OSU horticulturist; honored at Strawberry Luncheon

1193 Cornelius Bateson, outgoing President of Oregon Horticultural Society shakes hands with incoming president, Lorn Magnusen; C.W. Well, new third-vice-president assists in presentation

1194 Paul Culbertson presents the Oregon Horticultural Society award to John Magness

1195 1966 Officers of the Oregon Horticultural Society; Robert Stebbins, secretary; Robert Ohling, Treasurer; Cornelius Bateson, three-year term on board of trustees; Dunbar Carpenter, first vice-president; Lorn Magnusen, President; C.W. Wells, third vice-president

1196 Hubert Wilson receiving the silver tray as top strawberry producer in Oregon during the Strawberry Luncheon

1190 Woman at microscope?

1191 Treated seed inspection station

1192 Oregon vibratory purity separator

1193 Oregon microscopic inspection station

1194 Treated seed inspection station

1195 Oregon vibratory purity separator

1196 Oregon microscopic inspection station

1197 OSU graduates Kristin Koos and Lillian Larwood served as goodwill ambassadors under the International Farm Youth Exchange Program in India; ca. 1969

1198-1999 James E. Oldfield

1200 Ray Kliever, Farm Labor Assistant Polk Co., and Mrs. Gladys M. Turnbull, Farm Labor Assistant for Marion Co.
1201 No print, copy neg. only; man in field
1202 R. Ralph Clark
1203 Roger W. Morse, extension specialist in dairying at OSC
1204 Harry Arthur Lindgren
1205 Arthur S. King
1206 Ralph Beck
1207 Frank Llewellyn Ballard
1208 R.E. Dimick
1209 Dr. Sheng Chung Fang, research fellow, monitoring sample of radioactive 2, 4D to determine whether there is a radiation hazard in the laboratory
1210 Emergency farm labor staff in Clackamas Co.; W.E. Dillon, farm labor assistant, William T. Foster, his assistant, and Mrs. S.C. Osmundson, in charge of women and children's programs
1211 Meeting of Clackamas Co. Staff with group of platoon leaders
1212 New officers of the Oregon Poultry Improvement assoc.; Noel Bennion, secretary-treasurer; Virgil Parker, president; directors Ivan Elam and Paul Fritz; Carl Ridnour, new director; Earl Reitsman, committeeman; F.E. Fox, re-elected director
1213 Noel L. Bennion, OSC extension poultry man, presents plaque to Mrs. Ira Lemon winner in "Chicken of Tomorrow" contest; ca. Oct. 24, 1947; Eugene
1214 Douglas Co. Agricultural Planning Conference in 1948; chairman of poultry committee is giving his report to the conference with conference chairman Gene Fisher and Secretary County Agent Roland Parker; Knights of Pythias Hall in Roseburg
1215 Ballard speaking to Douglas Co. Agriculture Planning Council in Roseburg
1216 Wallowa Co. Dairy Committee making preparations for their 1947 County Planning Council

1217 Withycombe Hall
1218 Azalea House
1219 Milton Freewater Building
1220 Agriculture Hall
1221 Cordley Hall
1222 Drainage ditch in process of being blasted on the L.L. Rumgay farm; Mel Hagood, OSC extension irrigation specialist, foreground; ca. February 1951
1223 Earl Britton, E.R. Jackman, Wallace Kadderly, and J.W. Scheel examining grass and Lotus Major growth; ca. June 1947
1224-1226 Forestry; Columbia Co. Timber Harvest Demo.
1227 Wallace Kadderly, Earl Britton, and E.R. Jackman pose to show size of trees removed from the Northrup Creek land; ca. June 1947
1228 View of Northrup Creek Station; ca. June 1947
1229 Trees as a crop; tractor pulling log
1230 Hand broadcasting method used for seeding this cut-over land; photo by B. Buisman
1231 Remodeling to start on Salem Airport Migrant Farm Labor Camp; O.B. Hardy and Guy N. Hickok review changes to be made
1232 Miss Mary Brown, state supervisor for camp work with Home Missions Council of North America, reads to children at migrant camp
1233 Serving men cafeteria style; neg at P120:2776
1234 Barracks-type building formerly part of the Japanese Relocation Center at Tule Lake, California has been moved by Earl W. Mack to his potato farm to be used during the harvest season to hold 10 to 12 workers; neg at P120:2600
1235-1236 Showing the administration cabin and tents at the Hillsboro migrant farm workers camp, ca. 1936
1235 Neg at P120:2653

1237 General view of the lunch area where water is provided; bean field seen through the trees; neg at P120:2649

1238 Bean pickers living temporarily at the Coburg farm labor camp take time out to see a movie shown by Assistant County Agent Dan Young; ca. 1944, Lane Co.

1239 Doing the ironing at the Coburg farm labor camp; Eva Lou Sparks, 13, left, and Mrs. Walter Griffin, Eugene, right; ca. 1947, Lane Co.

1240 Coburg farm labor camp operated by Oregon State College Extension Service; ca. 1944, Lane Co.

1241 Family camping at Wallowa Lake State Park

1242 A favorite camping, swimming and fishing area is at Suttle Lake, Central Oregon; Oregon State Highway Department Photo 6025

1243 Overpass at Bridal Veil along the Columbia River highway; provides one of two accesses between Troutdale and Dodson connecting the two Columbia River Oregon routes; Oregon State Highway Commission Photo Y4886

1244 Tribute is paid to Oregon's historic past by the figure of a pioneer, covered by gold leaf, surmounting Oregon's capitol at Salem; the figure, carrying a woodsman's axe, is looking west - to the west which attracted the early settlers of a century ago to leave the east for the uncertainties of pioneer life in the Oregon wilderness; Oregon Highway Commission Photo 2954

1245 Some of the huge cuts made for the three-lane highway in the Emigrant Hill section of U.S. Highway 30 south of Pendleton; Oregon State Highway Department Photo 264-L

1246 U.S. Highway 99 in Southern Oregon traverses Sexton Mtn., a former bottleneck for pioneers and during horse and buggy days; the highway shown near the Sexton summit depicts the deep cuts made to reduce the grade; Oregon State Highway Commission Photo Y4789

1247 Sigma Alpha Epsilon; men and women members

1248 503d Air defense group; Portland Air Force Base

1249-1250 Victory Farm Volunteers parade through Hillsboro streets the afternoon of August 8 as part of VFW Field Day; ca. August 8, 1946

1251 Hillsboro American Legion sponsored the flag raising at the Washington Co. VFW Field Day; A.H. "Tony" Abts, general chairman of the event at far left

1252 Delegation to National 4-H Club Camp present 4-H Key Chain to Secretary of Interior Douglas McKay; left to right - Marilyn Bredshaw, Marilyn Dohnert, Secretary McKay, John C. Dalton, Bill Gardner

1253 4-H Summer School; children singing

1254 1959 Extension photo by Dwight Fairbanks, OSU Ext. Visual Specialist; Marion Co. 4-H Horse Club

1255-1260 4-H Horse Club; Salisbury

1255 Girl and horse

1256 Girl, boy and two horses

1257-1258 Group riding horseback; photo by Dwight Fairbanks, OSU Ext. Visual Specialist

1259 Girl on horseback

1260 Group riding horseback; photo by Dwight Fairbanks, OSU Ext. Visual Specialist

1261 Duane Mohn pilots Ford tractor through strawberry field; by use of special transmission, the tractor goes ahead at the rate of less than 1 ft. to 9 ft. per minute hauling picking machine; ca. June 1951; photo by R.G. Fowler, Jr.

1262 E.C. Brunk inspecting a load of cherries in his Polk Co. orchard, Salisbury

1263 Henderson Co. Agent examining potato fields for insect infestations on Pine Grove farm; ca. August 20

1264 Floyd Fox, grass seed grower, watches Ben Newell assistant co. agent, taking a sample of rye grass seed for a germination test to meet certification requirements; ca. April 1947; photo by J.W. Scheel

1265 Man holding sack of apples around his neck

1266 Millers, one of Salem's department stores, helped promote the Women's Land Army through the bean harvest with this window display; ca. 1944, Marion Co.

1267 Henry Ford, left, with his experimental tractor model built in 1907; it was one of his first attempts toward a light, sturdy, inexpensive machine the average farmer could afford

1268 Harvesting sugar beets

1269 Mexicans harvesting early potatoes on the Roy Holmes farm in Malheur Co.

1270 Cars lined up along field

1271 General view of cannery pea harvesting operations in Umatilla Co., where Mexican labor was a major factor in the successful harvesting operations; ca. 1943, Umatilla Co

1272 Crew working in the Umatilla Co. canning pea harvest is made up entirely of women; ca. 1944, Umatilla Co.

1273 No print

1274 End of the 6-hr. day for the children comes at about 2 o'clock in the afternoon; Mrs. Yount supervises the loading for the return to Hillsboro

1275 Technician Ray McManimie, McMinnville and Darrell Baker, Gaston dairyman

1276 One of the boys trained at OSC under the farm labor live-in program, pictured at work on the J.W. Miller farm south of Corvallis; ca. June 1944, Benton Co.

1277 Mr. and Mrs. L.M. Kranick and their son, Martin, pose with a map of Kranberry Acres drawn up by Martin using a hobby he developed as a navigator in the army air forces during the war

1278 A family of bean pickers on Sauvies Island; ca. 1947, Columbia Co.

1279 Mrs. Elsie Hill, Junction City, spent the summer driving a tractor at the Benton Co. Flax Growers Cooperative plant near Monroe; ca. 1944, Benton Co.

1280 2/3 of the employees of the Benton Co. Flax Growers Cooperative were women; ca. 1944, Benton Co.

1281 Schools are the assembling and dispersing points for the platoons in Portland; ca. 1943, Multnomah Co.

1282-1284 Showing need of drainage in Benton Co. DD#1; looking N.E. from Barzee place; ca Jan. 5, 1921

1285 Missing

1286 Upper end of Scappoose Dr. Dist.; cows in grassy pond; ca April 20, 1922

1287 Panorama of J.R. Daily farm; Smith River, Douglas

1288 Panorama of J.R. Daily farm; Smith River, Douglas; ca. April 29, 1923

1289 Discharge pipe and simple ditch distribution; ca July 24, 1922

1290 Sluiced irrigation ditch on Amazon drainage project; ca June 2, 1922
1291 OAC horse barn under construction - roof trusses
1292 Outside of OAC horse barn under construction; ca. December 11, 1924
1293 Gothic roof barn of Mrs. Mary Zimmerman; Faresh Grove; ca. Feb. 26, 1925
1294 Poorest barn in Oregon on Mrs. Hasht farm; Hillsboro Rd.; ca Feb. 26, 1925
1295 Barn of Jos. Kudrna of Dayton; ca. Feb. 28, 1925
1296 Farm equipment; ca. 1926
1297 Barn and silo; Benton Co.
1298 Oregon fence where weeds grow easily; ca. May 5, 1924
1299 Gate on J.V. Wanters farm in Gales Cr.; old buggy axle used for hinge
1300 Fence on right removed to clean out brush and weeds to be replaced with wire fence on concrete posts
1301 Alfred Alrabaus fence on Independence road; ca July 1920
1302 On farm of Roy Bauderwall of Muddy Creek community west of Hines; ca. July 1924
1303 Gate closer; Laird farm in Gasper, Lane Co.; ca. Dec. 2, 1922
1304 Gate near Eagle Creek; ca. July 25, 1922
1305 Oregon gates; Tom Vidito gate, Alsea; ca. April 21, 1924
1306 Oregon fence where weeds and shrubs grow easily and are difficult to remove; ca. March 9, 1924
1307 Broken fence; ca. Sept. 14, 1921
1308 Preparing for a new fence; photo taken between Albany and Jefferson; ca. May 9, 1924
1309-1312 Water wheel
1313 Spring in Bellfountain Park Community proposes to protect and beautify; 35mm copy negative; ca. March 14, 1924

1314 Under hill well at Summit
1315 Mill and tower on farm near Silverton on Silverton-Salem Rd.; ca. May 11, 1924
1316 Mill and tower on Shannon farm between Salem and Silverton; ca. May 11, 1926
1317 Mill and tower at Isaac Elder place south of Albany; ca. May 11, 1924
1318 W.L. Green tower and tank in Albany; ca. May 11, 1924
1319 E.S. Buchner mill and power; ca. May 11, 1924
1320 Twin tower at Orleaus opposite school house
1321 Steel tank tower and store mill power on Mrs. Linn Hornin farm; ca. May 11, 1924
1322 Pneumatic water system installed by Mr. Frank J. Hanson; ca. Feb. 2, 1925
1323 Rain barrels used to collect and store hot water for sink and stove just through wall; Sam Body Sherwood farm; ca. March 11, 1925
1324 Hand pump on farm of Sam Body Sherwood; ca. March 11, 1925
1325 Gould's ram in use for 18 yrs. at Lime Mill, supplying water for two families; ca. May 11, 1924
1326 Pumping water from the farm well by use of hand pump; ca. Nov. 15, 1923
1327 Spring on the hillside being prospected for a domestic water supply; ca. Nov. 15, 1923
1328 Mrs. Herse carrying water up from well; ca. Nov. 15, 1923
1329 J.A. Steinback's side porch showing part of it is being made into a bathroom; Mr. Steinback is doing his own carpentry work and plumbing; ca. April 26, 1924
1330 Kitchen sink in 3 room house of Frank J. Hauson of Hillsboro; ca. Feb. 5, 1925
1331 Outhouse on L.E. Leters farm in Coos Co.; ca. May 9, 1923
1332 G.J. Hurd septic tank installation; drain tile laid under sand filter; ca. August 24, 1922

1333 Hurd septic tank installation; showing drain below and tile above; ca. August 24, 1922
1334 Hurd septic tank under construction; ca. August 24, 1922
1335 Septic tank drainage installation; ca. August 24, 1922
1336 Hurd septic tank under construction; ca. August 24, 1922
1337-1349 Construction of OAC septic tank
1337-1344 Ca. December 11, 1924
1337-1338 Near horse barn on campus
1339 Where the contractor builds his sand and gravel is all screened to size and amounts measured
1340 Aggregate is turned over to thoroughly mix before adding water
1341 Bottom poured, frame in place
1342-1344 Concrete all poured, side view
1345-1349 Ca. February 13, 1925
1345 Model of single chamber of septic tank
1346 Model of forms for single chamber of septic tank
1347 Top view of septic tank model
1348 Showing cover slabs of septic tank model
1349 Septic tank model
1350 Light generator owned by C.E. Burch; ca. March 18, 1924
1351 C.E. Burch house in Alsea, supplied with lights from light generator; ca. April 21, 1924
1352 Rubber tired cultivator in air "Azure" machine shed; ca. October 24, 1924
1353 Land roller made by Clyde Starr

1354 Binder equipped with extra set of reel slats to cut short oats; photo by C.W. Raber; ca. August 27, 1921

1355-1363 Kables copper carbonate dusting machine; ca. December 8, 1924

1364 Spreading liquid manure over Tillamook pasture land; ca. 1924

1365 Loading liquid manure in spreader by gravity from manure pit; ca. 1924

1366 Using straw spreader on C.W. Raber farm; ca. August 29, 1921

1367-1368 Straw spreader on C.W. Raber farm

1369 Rear view of M.C. Ngust's tractor with cultivator; ca. May 11, 1914

1370 M.C. Ngust's tractor; ca. May 11, 1924

1371 Willamette Valley "White hand" windmill; ca. May 1922

1372 Oscar Dunlap home made windmill; ca. June 1922

1373 Willamette Valley homemade windmill; ca. May 1922

1374 Willamette Valley homemade windmill; ca. March 1923

1375 Screen at head of Pen Stack power plant; ca. 1922

1376-1378 Cascadia water wheel; ca. August 1923

1379 Lumber frame dam; ca. August 1923

1380-1390 Ca. March 1924

1380 G.W. Busters hydro-electric plant in Alsea

1381 Stream provides power for lighting J.W. Buster farm

1382 Hydro-electric plant dam

1383 Down stream side of dam

1384 C.C. Burch water wheel in Alsea

1385 Boom and cable used to lift water wheel

1386-1389 C.C. Burch water wheel in Alsea

1390 George Bobells' water wheel
1391 Dam on C.C. Burch farm in Alsea
1392 George Bobells' stream from which he expects to develop power for lighting and his farm house; ca. April 1924
1393 Smallest waterwheel in use in the country; ca. April 1924
1394 A.O. Roe and his power house showing wheel and wire for starting turbine; Silverton
1395 A.O. Roe storage reservoir; ca. May 1924
1396 A.O. Roe standing in one of the many small streams flowing from springs into Evans Valley and suitable for power
1397 Water wheel of Flour Mill at Marquam; ca. May 1924
1398 Side view of Flour Mill water wheel; ca. May 1924
1399 Flume and head gate of water wheel; ca. May 1924
1400-1401 Waterwheel made by E.M. Waldon of Sherwood; ca. January 1925
1402 Jas. Steinback power dam in Summit; dam went out with first high water; ca. September 1921
1403 Panorama of Gales Creek; land being drained; ca. April 1922
1404-1408 Panorama of Gales Creek ditch project; Washington Co.; ca. April 1922
1409 Lake
1410-1411 Prescott Drainage District; Col. Co.; Showing dam at end; ca. April 1922
1412 Outflow from pumping plant; ca. April 1922
1413 Ditch in peat; dug by W.H. Clark; ca. April 1922
1414 Ditch
1415 W.H. Clark standing along a ditch he dug; ca. April 1922
1416 W.H. Clark

1417 Olalla tide gate looking up stream; Lincoln Co.; ca. April 1922
1418 Olalla tide gate looking S.W. across top; April 1922
1419 Small tide gate near Olalla; April 1922
1420 Stagnate stream
1421 Views of sluggish streams in Benton County
1422 Farmland
1423 An example of a clean drainage ditch; ca. May 1922
1424 Ditch 1/4 mile south of Crawley; bank higher than ground; ca. May 1922
1425 Showing what might be if banks were cleaned; ca. May 1922
1426 L.T. Jissup in shield drainage ditch; ca. May 1922
1427 Long Tom channel in S. Benton
1428 Ox Bow cut off; ca. May 1922
1429 Homemade floating ranch excavator; Sam Brown dredger; 1922 Drainage tour; ca. June 1922
1430 Gales Creek Community ditch through farm of A.E. Reuten; ca. February 1922
1431 Homemade trench excavator; Sam Brown ditches; 1922 Drainage tour; ca. June 1922
1432 Girls digging drainage ditch near Lebanon
1433 Oscar L. Dunlap farmer; Fordson and Martin ditcher; ca. June 1922
1434 Ditch made with Co. road grader nearer than Mtn. View; ca. June 1922
1435 Tide gates; Rupp. County ditching project; ca. July 1922
1436 Tide gates; front view with gates closed; ca. July 1922
1437 Building dike in tide land; ca. July 1922
1438 Rupp County dike; ca. July 1922
1439 Missing

1440 Slough and dike; Clatskanie drainage district; ca. July 1922
1441 Laying drain tile on campus to keep heating tunnel dry; ca. August 1922
1442 Mt. View district in winter time; ca. January 1921
1443-1446 Proposed St. Paul drainage district
1447-1451 Panorama of Clackamas Co. drainage district project; photo by Kable
1452-1454 Wilson River bank control project
1452 Planked piling protection looking downstream; ca. December 1922
1453 Deflecting wing down at North of Doughty Slough; ca. November 1922
1454 Inside of planked piling protection; ca. December 1922
1455 Erosion on flat lands in Lane Co.
1456-1460 Wilson River bank control project
1456 Gravel bar in river and inlet to Doughty Slough; ca. July 1922
1457 Looking up river; ca. July 1922
1458 Panorama showing cutting on Schild place; ca. July 1922
1459 Looking up river; ca. July 1922
1460 Channel Wilson River is threatening to follow on Doughty Slough; ca. July 1922
1461-1462 Tightly boarded crib and rack diversion dam; Abiqua River near Mt. Angel; ca. July 1922
1463 Type of land that is being cleared in Douglas Co.; photo by B.W. Cooney, Douglas Co. Agent
1464 E.M. Waldons stump puller; made in the basement of his Portland home; ca. January 1925
1465 Spruce stumps and hemlock timber north of Tillamook; photo by G.W. Kable
1466 Two furnaces on first spruce stump to be burned in Tillamook Co.
1467 Danby setting third furnace on Spruce

1468-1528 Photos by G.W. Kable
1468 Burning a spruce root; stump has been burned down leaving roots
1469-1482 Ca. December 1922
1469 Spruce stump with heart burned out
1470 Spruce stumps in pasture land; freak stump in foreground; Tillamook
1471 Small dead spruce tree with typical root system
1472 Giant spruce trees
1473-1474 Root system of wind fallen spruce; Tillamook
1475 Beaverton stump banked in
1476 Hood on stump; Beaverton
1477 Tree stump burner outfit
1478 Stump burned off and propped up
1479 Furnace on large stump
1480 Furnace on small stump
1481 Large stump hood; Beaverton
1482 After stump burning demonstration
1483-1492 Ca. February 1923
1483 Where a large stump was burned out
1484 Twin stumps on Warren farm in Gales Creek
1485 Big fir banked on Warren farm in Gale Creek
1486 E.D. Hite by one of stumps burned out
1487 Burner outfit on farm of Oliver Smurchen, Linn Co.
1488 How to set zysset furnace

1489 Larger fir fallen over, roots banked in
1490 Burning out old fir
1491 Examining burning stumps
1492 Dr. A.E. Simmons beside stump being burned out
1493 Conference on burning out tree stumps; ca. 1925; photo by Kable
1494 115 attended Simmons burn demonstration near Silverton; photo by Kable; ca. Feb. 1923
1495 Conference on burning out tree stumps; ca. 1925
1496 Looking into a burning stump; ca. March 1923; photo by Kable
1497 Dynamite for blowing large tree stumps; ca. 1925
1498 Going back to look at tree after dynamite blast; ca. March 1922
1499 After blasting tree; ca. March 1923
1500 Clearing land; burning out tree stumps; ca. 1923
1501 J.R. Daily farm; Smith River, Douglas Co.; ca. April 1923
1502 Stump was burned out where each person is standing; ca. May 1923
1503-1504 Specialist Kable banking a stump; ca. May 1923
1505-1506 E.D. Hite pointing to burned off root; ca. May 1923
1507-1509 Co-agent Pine by Tillamook Spruce stump; ca. November 1922
1510 Demonstration of stump burning at Jasper
1511 Stump burner stove on L.D. Richey farm; ca. March 1925
1512 Safe homemade cap box designed by Mrs. W. Kable; ca. November 1924
1513 Kalbes homemade cap box; ca. December 1924
1514 Remains of two green fir stumps; ca. March 1923
1515 Going back to look after the blast; ca. March 1923

1516 N.W. Manager of the Dupont Powder Co. cultivating sticks of "Pacific stumping" powder for charge Sabin tract; ca. March 1923
1517 Some pieces of stumps blown out by C.C. Burch of Alsea with sodatol; ca. April 1924
1518 Group of three stumps shot with pyrotol; ca. March 1925
1519 Group of five stumps shot with pyrotol; ca. March 1925
1520-1521 Clearing land; burning tree stumps; ca. March 1925
1522-1523 Group of three tree stumps being blasted; ca. March 1925
1524 "Webfoot Weekly" photographing land clearing; ca. 1925
1525 Men standing on tree roots after blasting; ca. March 1925
1526 Man in center of blast hole; ca. March 1925
1527 Tree stumps after blasting; ca. March 1925
1528 Stump blast
1529 Diseased apple tree removed with sodatol; photo by B.W. Cooney
1530 Demonstrations on farm of J.C. Johns of Glendale; ca. January 1924; photo by B.W. Cooney
1531 Loading powder at Clackamas station; photo by W.A. Holt; ca. 1924
1532 Blast at Johnson Bros. demonstration near Beaverton; ca. December 1924
1533 Man standing by tree roots
1534 Tree stump
1535 Unidentified man beside tree stump
1536 People standing around blasted trees; ca. 1924
1537 Tree root
1538 Blasted tree stump

1539 Stump burning demonstration; Benton Co.; photo by Briggs - Benton Co. Agent; ca. February 1923
1540 Goats vs. no goats in land clearing; ca. 1921; photo by Kable
1541 Sodatol blast; photo by George R. Boyd; ca. 1923
1542 Logs piled up on J.V. Wanters place; method used by old loggers; ca. December 1924
1543 Ginpole for piling stumps on J.V. Wantess farm; ca. December 1924
1544 Drainage; ca. 1923
1545 Distributing fertilizer
1546 Better farming tour; field of wheat, beans, small grain; ca. July 1919
1547-1548 Crop rotation; wheat planted after beans harvested
1549-1550 Oats and vetch following crop
1551-1552 Same image; L to R; phos. and potash, check, phos, check
1553 Early potatoes
1554-1555 Flax; grown by William Etzel
1556 Early potatoes; grown by George Schaffer
1557 Clover growth where phosphate was applied
1558 Early potatoes grown by George Schaffer
1559 Flax
1560 Late Burbank potatoes
1561 Late potatoes
1562 Nodules on beans; ca. 1922
1563 Woman standing in front of corn field; ca. August 1920
1564 Corn field

1565 Man standing in middle of corn field
1566 Men standing in middle of corn field
1567-1568 Farm Bureau picnic; Corvallis auto park; ca. 1919
1569 Ray Jenkins Jersey sale in Alsea; ca. May 1921
1570 Stump Blasting Demonstration; land clearing
1571 Wind mill; ca. May 1922
1572-1581 Stump blasting demonstration; land clearing; ca. November 1924
1574 Ford "rigged up" for blasting demonstration
1578 Tools used in blasting demo.
1580 Blasters box used at blasting demo.
1582 Livestock judging
1583 Farm crops tour; ca. 1921
1584 A.J. Evers pump plant
1585 Pumped water on Evers place
1586 Car caravan
1587 Woman giving flowers to man
1588-1589 Farm crops tour
1590 Irrigated beans
1591 Ladino clover seed
1592 Drainage demonstration; ca. 1922
1593-1613 Fair exhibits
1593-1604 Linn Co. fair exhibits; ca. September 1922; photo by Kable
1593 Drainage exhibit
1594-1601 Extension exhibit

1602 OAC exhibit
1603-1604 Ford exhibit
1605-1609 Jackson Co. fair exhibits; ca. September 1923; photos by Kable
1605-1606 Farm convenience cemetery
1607 Water supply model
1608-1609 Extension marketing exhibit
1610-1611 State fair exhibits; ca. September 1924; photos by Kable; extension exhibit
1612 Benton Co. community map
1613 Benton Co. Farm-Bureau Silo Tour
1614-1615 Covered bridge
1614 No print - discarded
1616 Spoon Creek; ca. May 1922
1617 Covered bridge; ca. July 1922
1618 Woman washing clothes; ca. 1920
1619-1626 Photo by Kable
1619 Baby on kicking table; ca. August 1924
1620 Sled; ca. May 1923
1621 Chicken fountain
1622 Camp scene; Kadderly, Wallace; Carpenter, Paul; Stearns, Russel
1623 Smith River consolidated High School; ca. April 1922
1624-1625 Smith River scene; ca. April 1923
1626 Farm mechanics building; ca. March 1924
1627 Sheep pasture

1628 Alsea Bull Club; ca. 1920
1629-1630 Country road; ca. 1920
1631-1632 Corn fields
1633 Smith River Scene; ca. April 1923; photo by Cooney
1634 Orchard; ca. June 1923; photo by Kable
1635 Dam
1636 Boys club member in his field of potatoes; Washington Co.; photo by Jackman; ca. 1925
1637 Mrs. Jessie D. McComb
1638-1639 Conference group at Astoria station; photo by Kadderly; ca. 1924
1640 W.T. McDonald, county agent; ca. July 1925
1641 No print - discarded; Frank Llewellyn Ballard
1642 No print - discarded; E.R. Jackman; Charles Warren Daigh
1643 Conference group at Astoria station; photo by Kadderly; ca. 1924
1644 No print - discarded; sheep on Bluegrass pasture
1645 Fred Entermille and Big Buster; ca. 1924
1646 No print - discarded
1647 Malin cheese factory; ca. 1924
1648-1653 No prints - discarded
1654-1656 Dairy cattle; photo by Fitts; ca. 1925
1657 a-g Creameries; Philomath, Nashville, St. Paul, Douglas Co., Mt. Angel, Brownsville, Tillamook; ca. 1925
1658-1661 No prints - discarded
1662 Dairy cattle; photo by Fitts
1663 No print - discarded

1664 Dairy cattle; photo by Fitts
1665 No print
1666 Dairy cattle; photo by Beck
1667 Silos; photo by Jackman
1668-1669 Nitrate negs; no prints
1670 Grasshopper control; ca. 1924
1671 Missing
1672 One man driving two rod weeders fastened together; photo by E.R. Jackman; ca. 1925; no print, nitrate neg. only
1673 Field of buckwheat; Washington Co.; ca. 1923; photo by E.R. Jackman; no print, nitrate neg. only
1674-1679 Missing
1680 A. McMindes demonstration sign; Clatsop Co.; ca. June 1924; photo by W.L. Kadderly; no print, nitrate neg. only
1681 A Tygh valley sunflower; Wasco Co.; photo by E.R. Jackman; ca. 1922; no print, nitrate neg. only
1682 Field trial of lettuce in Klamath Co.; photo by E.R. Jackman; ca. 1925; no print, nitrate neg. only
1683 R.W. Morse in grain nursery; photo by E.R. Jackman; ca. 1925; no print, nitrate neg. only
1684 Federation vs. bluestem; Crook Co. Field mtg.; ca. 1923; photo by E.R. Jackman; no print, nitrate neg. only
1685-1686 Missing
1687 Brome grass hay in Klamath Co.; ca. 1927; photo by E.R. Jackman; no print, nitrate neg. only
1688 Missing
1689 Slings and stacker in Klamath Co.; ca. 1924; photo by E.R. Jackman; no print, nitrate neg. only

1690 Clatsop Co. demonstration sign; photo by W.L. Kadderly; ca. June 1924; no print, nitrate neg. only
1691 Hauling hay from field in Deschutes Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1692 Hauling hay in Baker Co.; ca. 1924; photo by E.R. Jackman; no print, nitrate neg. only
1693 Brush pasture on wet land; ca. June 1925; photo by E.R. Jackman; no print, nitrate neg. only
1694 Missing
1695 Hillside pasture in Baker Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1696 Brush pasture on wet land in Baker Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1697 Missing
1698 Brush land pasture in Baker Co.; ca. May 1925; photo by E.R. Jackman; no print, nitrate neg. only
1699 Jones Brothers pasture in Baker Co.; ca. May 1925; photo by E.R. Jackman; no print, nitrate neg. only
1700 Slide on side hill pasture in Eagle Valley, Baker Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1701 Sheep on pasture in lower Powder River Valley, Baker Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1702 Missing
1703 Part of Lloyd Coleman herd on bluegrass, Baker Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1704-1706 Missing
1707 Slide on slope in Eagle Valley; ca. May 1925; photo by E.R. Jackman; no print, nitrate neg. only
1708-1709 Missing

1710 Rocky pasture in Baker Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1711 Missing
1712 Crop tour in Baker Co.; ca. 1923; photo by E.R. Jackman; no print, nitrate neg. only
1713 Missing
1714 Root cellar; ca. May 1925; photo by E.R. Jackman; no print, nitrate neg. only
1715 Home made weed for eradicating Canada thistles, Union Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1716-1719 Missing
1720 C.A. Henderson in largest barley field in Oregon, Klamath Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1721 C.A. Henderson and Ed Geary in 100 acre field of Hannchen barley, Klamath Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1722 Corn variety trial, Washington Co.; ca. 1923; photo by E.R. Jackman; no print, nitrate neg. only
1723 Washington Co. corn variety trial; ca. 1924; photo by E.R. Jackman; no print, nitrate neg. only
1724-1725 Missing
1726-1727 Rouging federation wheat, Malheur Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1728 Missing
1729 S.D. Mustard and field of federation wheat, Crook Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1730-1733 Missing
1734 Dicklow wheat, Prineville; ca. 1923; photo by E.R. Jackman; no print, nitrate neg. only
1735 Dicklow wheat on L.D. Claypool's farm; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only

1736 Hard federation on dry land west of Huntington, Baker Co.; ca. 1923; photo by E.R. Jackman; no print, nitrate neg. only
1737 Rouging the mixture from a field of certified Federation wheat, Malheur Co.; ca. 1924; photo by E.R. Jackman; no print, nitrate neg. only
1738 Missing
1739 Federation wheat, Malheur Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1740 Missing
1741 Fanning and treating wheat with copper carbonate, Umatilla Co.; ca. 1924; photo by E.R. Jackman; no print, nitrate neg. only
1742 Fortyfold in foreground, hybrid in background; Union Co.; ca. 1924; photo by E.R. Jackman; no print, nitrate neg. only
1743 Harvey Mustard in field of certified federation wheat; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1744 Missing
1745 Rouging mixtures from a field of federation in Crook Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1746 Federation wheat in Morrow Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1747 Missing
1748 Vetch and oats, Astoria; ca. 1924; photo by W.L. Kadderly; no print, nitrate neg. only
1749 Vetch and oats; ca. 1924; photo by W.L. Kadderly; no print, nitrate neg. only
1750 Hairy vetch plot in Lincoln Co.; ca. 1924; photo by W.L. Kadderly; no print, nitrate neg. only
1751 a Vetch and oats on Fred Britts farm, Clatsop Co.; ca. 1924; photo by W.L. Kadderly; no print, nitrate neg. only
1751 b Vetch and oats on John Jacob Astor experiment Station; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only

1752 Missing

1753 Vetch and oats; straight oats; farm in Eddyville; ca. 1925; photo by J.R. Beck; no print, nitrate neg. only

1754-1756 Missing

1757 Grimm alfalfa in Washington Co.; ca. 1923; photo by E.R. Jackman; no print, nitrate neg. only

1758 Seeding alfalfa with and without nurse crop in Baker Co.; ca. 1923; photo by E.R. Jackman; no print, nitrate neg. only

1759-1760 Second cutting of grimm alfalfa in Washington Co.; ca. 1923; photo by E.R. Jackman; no print, nitrate neg. only

1761-1763 Discarded

1764-1765 Missing

1766 Alfalfa field meeting on the farm of Sherman Hyre, Washington Co.; ca. 1924; photo by E.R. Jackman; no print, nitrate neg. only

1767 Discarded

1768-1769 Missing

1780-1782 Discarded

1782-1783 Missing

1784 Sheep on irrigated pasture, Crook Co.; ca. 1924; photo by E.R. Jackman; no print, nitrate neg. only

1785-1788 Discarded

1789 W.L. Kadderly, mosaic plant at his feet in Prineville; ca. 1923; photo by E.R. Jackman; no print, nitrate neg. only

1790-1791 Discarded

1792 Field meeting in Washington Co.; ca. 1923; photo by E.R. Jackman; no print, nitrate neg. only

1793 George S. McCartney staking most vigorous plants for his next years seed crop; Deschutes Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only

1794 Roy Jaquith sorting certified seed; Washington Co.; ca. 1924; photo by E.R. Jackman; no print, nitrate neg. only
1795 Discarded
1796-1797 Good and inexpensive type of potato cellar in Yakima Valley; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1798-1809 Discarded
1810 Potato field of Otto Brose in Washington Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1811-1813 Discarded
1814 Certified potato seed vs. common seed; Baker Co.; ca. 1924; photo by E.R. Jackman; no print, nitrate neg.
1815 Whole seed vs. cut seed; Klamath Co.; photo by E.R. Jackman; no print, nitrate neg. only
1816 Discarded
1817 Certified seed in Columbia Co.; photo by E.R. Jackman; no print, nitrate neg. only
1818 E.R. Jackman, crop specialist, making bin inspection of certified potato seed in Crook Co.; ca. 1924; no print, nitrate neg. only
1819 Missing
1820 H.D. Strickler in his Burbank seed plot in Washington Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1821 Floyd Johnston and E.R. Jackman in former's field of Idaho Rurals entered for certification; Baker Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1822 Discarded
1823 Missing
1824 Certified potatoes of Hammer Brothers, Deer Island, Columbia Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1825 Resorting potatoes at car door because of potato bug quarantine, Yakima Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only

1826 100 acre potato field in Yakima Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1827 Field of Routh McKennon, Union Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1828 H.P. Strickler and his son, John, of Sherwood in the seed plot, ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1829 Hammer Brothers field of certified Burbanks, Columbia Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1830-1832 Discarded
1833 W.B. Tucker in a demonstration field of Ladino clover for seed in Crook Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1834 Participants in program for Redmond Homemakers Institute; ca. 1925; photo by W.L. Kadderly; no print, nitrate neg. only
1835 d-h,
j-k No print, nitrate neg. only
1836 Hand pollinating cherries, The Dalles; ca. 1922; photo by E.R. Jackman; no print, nitrate neg. only
1837 Hand pollinating cherries; ca. 1922; photo by E.R. Jackman; no print, nitrate neg. only
1838 Cherry trees in G.E. Sanders orchard; The Dalles; photo by E.R. Jackman; no print, nitrate neg. only
1839 a-b Discarded
1840-1842 Cherry pollination studies; Wasco Co; ca. 1922; photo by E.R. Jackman; no print, nitrate neg. only
1843 Making smut counts in copper carbonate trials; Morrow Co.; ca. 1924; photo by E.R. Jackman; no print, nitrate neg. only
1844 Copper carbonate treating machine; Umatilla Co.; ca. 1923; photo by E.R. Jackman; no print, nitrate neg. only
1845-1847 Discarded
1848 Missing

1849 a-q Potato diseases
1850 Mole trapping demonstration by Theodore Scheffer; Washington Co.; ca. 1918; photo by S.B. Hall;
no print, nitrate neg. only
1852 Theo Scheffer setting mole trap in Multnomah Co.; ca. 1918; photo by S.B. Hall; no print, nitrate
neg. only
1853-1855 Alfalfa fields
1856 Men weighing alfalfa
1857 Sulfur spreader
1858-1866 Alfalfa growth with sulfur vs. without sulfur
1867 Sulfur spreader
1868 Lime vs. no lime; shown weighing unlimed plot
1869 Sulfur vs. no sulfur
1871 Corn fields
1872 Alfalfa exhibit
1873-1874 Alfalfa fields and clover fields; sulfur vs. no sulfur
1875 Corn field
1876 Alfalfa field; sulfur vs. no sulfur
1877-1878 Sulfur demonstration
1879-1881 Lime trials on clover and vetch
1882 Sulfur exhibit
1883-1884 Lime trials on oats and alfalfa
1885-1886 Sulfur treated alfalfa
1887-1888 Corn cobs and corn fields
1889 No print

1890 Sulfur treated alfalfa
1891a-f Soil erosion negs.; photos by Belanger; ca. 1936
1892 a-b Soil erosion
1893-1894 Discarded
1895 Manure pit on farm of Nels Rasmussen near Astoria; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1896-1897 Discarded
1898 Old barn in Klamath Co.; ca. 1924; photo by E.R. Jackman; no print, nitrate neg. only
1899 Missing
1900 Asa Brown ranch; photo by E.R. Jackman; no print, nitrate neg. only
1901-1902 Discarded
1903 Muddy Creek school in Baker Co; ca. 1924; photo by E.R. Jackman; no print, nitrate neg. only
1904 Farm home of S.D. Mustard in Crook Co.; photo by E.R. Jackman; no print, nitrate neg. only
1905 Dry land without a homestead in Jefferson Co.; photo by E.R. Jackman; no print, nitrate neg. only
1906 Exploited Tule Lake sold to ex-service men; photo by E.R. Jackman; no print, nitrate neg. only
1907 Union high school, Baker Co.; photo by W.L. Kadderly; no print, nitrate neg. only
1908 John Day Valley; photo by E.R. Jackman; no print, nitrate neg. only
1909 W.B. Tudker on the High Desert; photo by E.R. Jackman; no print, nitrate neg. only
1910 Deserted homestead in dry farming section in Baker Co.; photo by E.R. Jackman; no print, nitrate neg. only
1911 Morrow Co. grain nursery; ca. 1924; photo by E.R. Jackman; no print, nitrate neg. only

1912 Irrigated farm, Powell Butte; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1913 Discarded
1914 County field day; ca. 1922; photo by W.L. Kadderly; no print, nitrate neg. only
1915 Discarded
1916 D.E. Stephens explaining work of experiment station to Wasco Co. farmers; ca. 1922; photo by E.R. Jackman; no print, nitrate neg. only
1917 Missing
1918 Wasco Co. field day; photo by E.R. Jackman; no print nitrate neg. only
1919 Crops tour in Malheur Co.; effect of sulphur on clover mildew; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1920 Discarded
1921 Crops tour in Morrow Co.; discussing irrigated pastures; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1922 Crops tour in Malheur Co.; viewing wheat variety trial; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1923 Farm crops tour in Klamath Co.; C.A. Henderson explaining merits of reed canary grass; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1924 Informal field meeting in Crook Co.; ca. 1925; photo by E.R. Jackman; no print, nitrate neg. only
1925 L. Barnum, vice president, the First National Bank, The Dalles
1926 E.M. Hulden, Blalock; no print, nitrate neg. only
1927 F.B. Ingels, Dufur; no print, nitrate neg. only
1928-1938 Discarded
1939 Guernsey; no print, nitrate neg. only
1940 Missing

1941 Guernsey; no print, nitrate neg. only
1942-1949 Missing
1950 Brown Swiss; Beauty's Carl of Meadow Green; ca. 1931; no print, nitrate neg. only
1951 Brown Swiss; Silver Bell; no print, nitrate neg. only
1952 Brown Swiss; no print, nitrate neg. only
1953 Brown Swiss; ca. March 1931; no print, nitrate neg. only
1954 Brown Swiss; Swiss Valley Girl 10th; no print, nitrate neg. only
1955-1958 Holstein; no print, nitrate neg. only
1960-1964 Jersey; no print, nitrate neg. only
1966 Jersey; no print, nitrate neg. only
1967 Clatsop Co. Delegation Departing from Summer School; no print, nitrate neg. only
1968-1969 R.L. Clark Teaching Various Types of fat lambs; no print nitrate neg. only
1970 Harney Co. Delegation Leaving 4-H Club Summer School; no print, nitrate neg. only
1971 Hans Luther and Guernsey Herd
1972 Lawrence Roberts, Marion Co., 4-H Champion Jersey, and Champion Showman; Oregon State Fair; ca. 1935; no print, nitrate neg. only
1973 4-H baby beef; Oregon State Fair; ca. 1935; no print, nitrate neg. only
1974 Jack Hayes and Champion Pen, Valley Packing Co. Feeding Contest; Oregon State Fair; ca. 1935; no print, nitrate neg. only
1975 Stanley Brown and Bobby King with their 4-H Prize-Winning Heifers; Oregon State Fair; ca. 1935; no print, nitrate neg. only
1976 4-H Hampshire Ewe Lamb Class; Oregon State Fair; ca. 1935; no print, nitrate neg. only
1977 Missing

1978 First prize 4-H Holstein Herd, Union Co.; Oregon State Fair; ca. 1935; no print, nitrate neg. only
1979 Spring nursery; Wasco Co.; ca. 1924; photo by E.R. Jackman; no print, two-nitrate neg. only
1980 Frank Brown, Foot Hills Farm, presenting Hampshire Ewe Lamb to Clayton Fox; Union Co.; Oregon State Fair; ca. 1935; no print, nitrate neg. only
1981 Missing
1982 Pig Club Studying Self-Feeder; no print, nitrate neg. only
1983 Camp Cookery Group; no print, nitrate neg. only
1984 4-H Girls Style Revue; no print, nitrate neg. only
1985 4-H Club Summer School; no print, nitrate neg. only
1986 Missing
1987 Class in horticulture, 4-H Club Summer School; no print, nitrate neg. only
1988 Missing
1989 National Canning Champion and Her Exhibit; no print, nitrate neg. only
1990 Plummer trophy; no print, nitrate neg. only
1991 Missing
1992 Club Boy and Champion Cockerel; no print, nitrate neg. only
1993 Sheep judging; 4-H Summer School; no print, nitrate neg. only
1994 Carl Zweifel and Champion Guernsey; no print, nitrate neg. only
1995 Seed judging class at summer school; no print, nitrate neg. only
1996 Club boy and his bees; no print, nitrate neg. only
1997 Missing
1998 Title slide; no print, nitrate neg. only

1999 Cooperative Extension Service Slide; no print, nitrate neg. only
2000 Farm Reservoir and Irrigated Pasture, Clair Reed Farm; Yamhill Co.; no print, nitrate neg. only
2001 Furrow Irrigation of Peppers, Fleischman and Monahan Farm; Benton Co.; no print, nitrate neg. only
2002 Irrigated and non-irrigated Red Clover; Oregon Experiment Station; no print, nitrate neg. only
2003 Missing
2004 Temporary irrigation dam; Dickie community Ditch, Clackamas Co.; no print, nitrate neg. only
2005 Flume on Dickie Prairie Project; no print, nitrate neg. only
2006 Pumping plant; H.H. Gibson Farm; Benton Co.; no print, nitrate neg. only
2007 Diversion dam; Marcus Parmenter Farm, Benton Co.; no print, nitrate neg. only
2008 Centrifugal pump; directly connected to Electric Motor Fleischman and Monahan Farm; Benton Co.; no print, nitrate neg. only
2009 Motor and pump house; Sam Brown Farm, Marion Co.; Deep Well Turbine; no print, nitrate neg. only
2010 Discharge from Mr. Brown's Well; no print, nitrate neg. only
2011 Flume used for distributing water for strip border method of irrigation; Yamhill Co.; no print, nitrate neg. only
2012 Laying concrete pipe for distribution system on Sam Brown place; Marion Co.; no print, nitrate neg. only
2013 Valve for taking water out of concrete pipe line on Sam Brown's place; no print, nitrate neg. only
2014 Setting grade stakes for leveling land; A.J. Evers Farm; Washington Co.; no print, nitrate neg. only
2015 Drag used for leveling land; no print, nitrate neg. only

2016 Throwing up borders with a drag on A.J. Evers farm; Washington Co.; no print, nitrate neg. only
2017 Land filled for Corrugation method of irrigation on John Thornurg Farm; Washington Co.; no print, nitrate neg. only
2018 Irrigating by strip border method on J.D. Van Well Farm in Polk Co.; no print, nitrate neg. only
2019 Irrigation on J.D. Van Well Farm; Ladino Clover, second season; no print, nitrate neg. only
2020 Irrigating ladino clover in its second season on C.W. Branstetler Farm in Polk Co.; no print, nitrate neg. only
2021-2023 Missing
2024 Sheep on irrigated ladino clover pasture at Oregon Experiment Station; no print, nitrate neg. only
2025 Irrigated red raspberries on Linn Co. Experiment Farm; no print, nitrate neg. only
2026 Cows on irrigated ladino clover pasture on C.W. Branstetler Farm in Polk Co.; no print, nitrate neg. only
2027-2028 No print, nitrate neg. only
2029 Missing
2030 No print, nitrate neg. only
2031-2032 No print, nitrate neg. only
2033 Missing
2034-2037 No print, nitrate neg. only
2038 Missing
2039-2041 No print, nitrate neg. only
2042 Missing
2043-2049 No print, nitrate neg. only
2050 Laura Garnjobst; no print, nitrate neg. only

2051 Gladys Miller; no print, nitrate neg. only
2052 Pik Wan Hoh; no print, nitrate neg. only
2053 Helen B. Anderson; no print, nitrate neg. only
2054 Florence Merryman; no print, nitrate neg. only
2055 Elaine Williams; no print, nitrate neg. only
2056-2073 Historical Oregon homes; ca. 1938; no prints only 3x4
2074 Eastern Oregon Ranch; John Day Valley; no prints, nitrate neg. only
2075 Hay Time in Eastern Oregon; no print, nitrate neg. only
2076 Mountain Range Irrigated Valley; no print, nitrate neg. only
2077 Sheep on sage brush bunch grass range, Eastern Oregon; no print, nitrate neg. only
2078 Sage brush bunch grass range; Deschutes Co.; no print, nitrate neg. only
2079 The night camp; no print, nitrate neg. only
2080 Typical mountain range; no print, nitrate neg. only
2081 Oasis in Oregon Desert Range; no print, nitrate neg. only
2082 Craddock Meadows in Silvies Valley; no print, nitrate neg. only
2083 Missing
2084 Heads of crested wheat grass; no print, nitrate neg. only
2085 Typical plant of crested wheat grass; no print, nitrate neg. only
2086 Crested wheat grass; Mossie Ranch Ukiah; no print, nitrate neg. only
2087 Crested wheat grass on Oliver Ranch in Bear Valley; no print, nitrate neg. only
2088 Crested wheat grass on Rothrock Ranch; no print, nitrate neg. only
2089 Crested wheat grass on Fisk Ranch in Lakeview; no print, nitrate neg. only
2090 Crested wheat grass in Baker Co.; no print, nitrate neg. only

2091 Crested wheat grass and slender wheat grass; no print, nitrate neg. only
2092 Method of spread; no print, nitrate neg. only
2093 Crested wheat grass in rows; no print, nitrate neg. only
2094 Varieties of crested wheat grass; no print, nitrate neg. only
2095 Grazing resulting in gullies; no print, nitrate neg. only
2096 2095 fifteen years later; no print, nitrate neg. only
2097-2098 Effect of over grazing on roots; no print, nitrate neg. only
2099 a One way to re-seed; no print, nitrate neg. only
2099 b Gully formation following over grazing; no print, nitrate neg. only
2100 Ladak alfalfa; common alfalfa; no print, nitrate neg. only
2101-2109 Ca. December 5, 1936; photo by E.R. Jackman
2101-2102 Fenced and unfenced range
2103 Sheep grazing alfalfa
2104 Wheat root system
2105 Bromegrass
2106 Sheep grazing clover
2107 Cows grazing in clover
2108 Water transformation on a desert
2109 Chart showing rotation grazing between two fields
2110 Nitrate negs.
2111 Missing
2112-2113 No print, nitrate neg. only
2114 Missing

2115-2116 No print, nitrate neg. only
2117 Missing
2118-2122 No print, nitrate neg. only
2123 Umatilla Co. Pig Club and Self Feeder; Camp Plummer; ca. 1933; no print, nitrate neg. only
2124-2128 Missing
2129 Stonewall Jackson with Foundation Cow and daughter at Camp Plummer; ca. 1933; no print, nitrate neg. only
2130-2132 Missing
2133 Hans Leuthold with His Dairy Herd at Camp Plummer; ca. 1933; no print, nitrate neg. only
2134 Missing
2135-2146 Soil erosion; Morrow Co.; ca. January 27, 1937; photo by Joseph Belanger
2147 Soil erosion cartoon
2148 Diagrammatical map of North America showing general relations of climates; no print, nitrate neg. only
2149 Soils; no print, nitrate neg. only
2150 Soils; Benton Co.; no print, nitrate neg. only
2151 Soils; map of U.S.; no print, nitrate neg. only
2152 Map of U.S. prepared by C.F. Marbut and associated for the soil survey; no print, nitrate neg. only
2153 Map of the world; average annual precipitation; no print, nitrate neg. only
2154 Map of the world showing natural vegetation; no print, nitrate neg. only
2155 Vegetation map of Africa; no print, nitrate neg. only
2156 Soils; no print, nitrate neg. only
2157 Land classification map of Africa; no print, nitrate neg. only

2158 Map of Argentine; no print, nitrate neg. only

2159 Regional soil erosion areas; map of U.S.; no print, nitrate neg. only

2160 Annual rainfall over the U.S.; map of U.S.; no print, nitrate neg. only

2161 Chart; rainfall in Baker, Lakeview, Riverside, and Umatilla county; no print, nitrate neg. only

Extension and Experiment Station Communications Photographs (P 120)

[Beginning with P120:2162, 4x5 contact prints affixed to cards are stored on P shelves and 4x5 camera negatives are stored separately. The negative number is indicated at the end of the description.]

2162-2166 4-H - Publicity; photos by J.W. Scheel, March 1947.

2162-2163 Present members of the Model 4-H Dairy Club line up for a turn at the KGW microphone during their 25th anniversary celebration. (neg. 2-3)

2164 Radio station KGW makes a wire recording during the 25th anniversary banquet of the Model 4-H Dairy Club of Linn County. Left to right are Mrs. Kenneth Lord and Juanita Averhoff, charter members of the club; their mother Mrs. Mortz Averhoff; Cal Monroe, assistant state 4-H club leader; and Robert Thomlinson, special event director of KGW. (neg. 4)

2165 Cal Monroe, assistant state 4-H club leader, presents a 10-year leadership pin to Homer Shelby, former leader of the Model Dairy Club of Linn County during the 25th anniversary banquet. At the table in the foreground is Mrs. George Angell; Gene Nygren, president of the club; George Angell; and Walter Shelby, present leader of the club. (neg. 5)

2166 The present officers and leader of the Model 4-H Dairy Club pose with the two charter members present at their 25th anniversary banquet. Left to right are: Robert White, treasurer; Richard Stuart, vice-president; Gene Nygren, president; Walter Shelby, local club leader; Betty Richardson, yell leader; Miss Juanita Averhoff, a charter member, Portland, Oregon; Charlane Chilcote, secretary; and Mrs. Pearl Averhoff Lord, a charter member, Oswego, Oregon. (neg. 6).

2167 Home Economics - Publicity; photo by J.W. Scheel, March 1947.

Preparing for the afternoon session of the seafoods leader-training school, Mrs. Beth Wiley writes a recipe for baked fish fillets on the blackboard for leaders to copy. (neg. 7).

2168-2171 Home Economics - Foods; photos by J.W. Scheel, March 1947.

2168 Miss Lucy Case, foods and nutrition specialist, holds up a large Oregon crab as she discusses ways of preparing and serving this Oregon delicacy. (neg. 8)

2169 Miss Lucy Case, foods and nutrition specialist, conducting a leader-training school on seafoods in Lane County, March 17, 1947. (neg. 9)

2170 Many leaders of Lane County home demonstration units received their first taste of bouillabaisse when it was served at the seafoods leader-training school. Here the Home Demonstration Agent, Mrs. Beth Wiley, serves a leader. (neg. 10)

2171 Miss Lucy Case, foods and nutrition specialist, conducting a leader-training school on seafoods in Lane County. (neg. 11)

2172 Publicity - General; photo by J.W. Scheel, March 1947.

Eleanor Trindle, Marion County Home Demonstration Agent, at her desk handling a telephone inquiry. (neg. 12)

2173-2175 Home Economics - Organization; photos by J.W. Scheel, March 1947.

2173 Members of the Four Corners unit enjoying their company dinner. (neg. 13)

2174 The hostess serving tomato juice cocktails to her guests before the dinner at the March meeting of the Four Corners Home Extension Unit at the Home of Mrs. H.D. McMillen, 1.5 miles from Four Corners. (neg. 14)

2175 The business meeting of the Four Corners unit takes place with the member seated around the large living room of the McMillen home. Standing is the president, Mrs. Ernest Walker, and keeping the minutes is Mrs. Ralph Mercer, secretary. (neg. 15)

2176 Home Economics - Foods; photo by J.W. Scheel, March 1947.

2176 The Four Corners Unit members watching the demonstration by the project leaders in the kitchen of the McMillen home. Mrs. Ralph Mercer is preparing the tomato juice cocktail that will be served as the first course of the company dinner. Mrs. Eva Shrake, her assistant, is at the right. (neg. 16)

2177-2178 Home Economics - Organization; photos by J.W. Scheel, April 1947.

2177 Marion County homemakers stage a style revue of dresses made at an Extension-sponsored Better Dresses Workshop at the Marion County Homemakers' Festival. Shown in the picture, left to right, are Mrs.

Constance Hampton, assistant Marion County 4-H agent, who served as a commentator for the style revue; Mrs. V.E. Fitzgerald; Mrs. Jack Scorgie, Mrs. L.J. Shrake; Mrs. Warren Shrake; Mrs. H.C. Otte; Mrs. Joe Ramseyer, Sr.; and Mrs. Ernest Walker. (neg. 17)

2178 Mrs. Harry Otte modeling her costume in the style revue at the Marion County Homemakers' Festival. Constance Hempton, assistant county 4-H Club agent, left, is acting as master of ceremonies giving comments on the various costumes as they pass across the stage.

(neg. 18)

2179 Home Economics; photos taken by J.W. Scheel, April 1947.

Doris Lane, left, and Donna Plenge, right, members of the Liberty 4-H Club

Demonstrating making a jiffy skirt at the Marion County Homemakers' Festival.

(neg. 19)

2180-2181 Home Economics - Publicity; photos taken by J.W. Scheel, April 1947.

2180 Homemakers attending the Marion County Homemakers' Festival in Salem, April 9. Left to right:

Mrs. Jack Scorgie, Mrs. Stuart Johns, and Mrs. Wilford Willer. (neg. 20)

2181 Mrs. Azalea Sager, state home demonstration leader, addressing the Marion County Homemakers' Festival, April 9. (neg. 21)

2182-2184 Publicity; photos taken by J.W. Scheel, April 1947.

2182 Some 20,000 of these 4-H club member signs are being put up at the entrances to farms throughout Oregon where 4-H club members live. Here is Bob Barnes, left, Marion County club member, tacking the sign to the post in front of the Barnes & Sons Duroc farm near Silverton, while Harlan Kraus assists. (neg. 22)

2183 Robert Paige, Hollywood movie star, is shown signing autographs at the 1948 4-H summer school. He is a member of the cast of the 4-H picture-The Green Promise. (neg. 23)

2184 Talking things over at the first Marion County Livestock Tour on April 12 are Ben Newell, left, assistant county agent; James Bishop, county 4-H club agent; Paul Dickman; Ed Dickman, his father; and Leonard Hudson, vocational agriculture instructor at Silverton. In the background is the new dairy barn at Dickman farm, which was one of the points of interest viewed by the 4-H and FFA members and veterans taking instruction in agriculture, who attended the tour. A herd of 23 Guernseys is a major enterprise on the Dickman farm which is operated as a father-son partnership. (neg. 24)

2185-2188 Crops - General; photos taken by J.W. Scheel, April 1947 and Oct 1946.

2185 Floyd Fox, Marion county grass seed grower, right, watches Ben Newell, assistant county agent, taking a sample of rye grass seed for a

germination test to meet certification requirements. The seed-cleaning plant on the Fox farm was one of the points of interest on the Marion County Livestock Tour, April 12, attended by 4-H and FFA members and veterans taking training in agriculture. (neg. 25)

2186 Wilson and Wilson, Bandon, used hand-pickers on all 5 acres of their cranberry bogs this year, sometimes having as many as 40 to 50 pickers at work at one time. The Wilson bogs are exceptionally free from weeds--the result of intensive hand weeding annually by the operators. (neg. 30)

2187 The Wilson and Wilson bogs, Bandon, are exceptionally free from weeds--the result of intensive handweeding annually by the operators. (neg. 31)

2188 The rubber tube in Jim Olsons hands carries powerful suction generated by a motor-driven fan in this vacuum picking machine. As the end of the tube is moved rapidly back and forth among the vines, the cranberries are knocked loose and drawn into the machine by the vacuum. (neg. 32)

2189 Equipment - Harvest; photo by J.W. Scheel, October 1946.

One of the types of cranberry picking machines coming into use in the Coos County bogs is a vacuum type that operates on the principle of a vacuum cleaner. Jim Olson, Bandon grower, foreground, used two of these machines in harvesting his 2.5 acre bog this year. Olsons bog yielded about 800 quarter- barrel boxes per acre. (neg. 33)

2190 Equipment - General; photo by J.W. Scheel, October 1946.

This bouncer sorts undesirable soft cranberries from the firm springy ones. Berries are dropped several inches and must bounce over a barrier to successfully pass the test. Similar machines are used in every Coos County cranberry grading shed. (neg. 34)

2191 Publicity; photo by R.G. Fowler, Jr., June 1948.

Shown in metalcraft class during 1948 summer school are left to right: Deronda Webber, 14, Warm Springs; Marilyn Welter, 13, Warm Springs; Mrs. Enos Fluhrer, 4-H leader, Mayger; Marilyn Wilson, 15, Myrtle Creek; Frances Hudziak, 16, Portland. (neg. 37)

2192-2195 Publicity - General; photo taken by J.W. Scheel, December 1946.

2192 A capella choir from the Eastern Oregon College of Education singing Christmas carols at the Eastern Oregon Wheat League banquet in La Grande, December 18. (neg. 38)

2193 Fred Parrish, Editor of the editorial page of the Oregonian, Portland, speaking at the annual banquet of the Eastern Oregon Wheat League in La Grande on December 18. (neg. 39)

2194 New officers of the Eastern Oregon Wheat League. Standing, Ralph McEwen, Jr., Haines, vice-president, and Marion Weatherford, Arlington, president. Seated C.D. Conrad, Baker, secretary-treasurer and LeRoy Wright, Moro, assistant secretary. (neg. 41)

2195 Jens Terjeson, center, chairman of the Wheat League committee which drafted the plan for an Oregon State Wheat Commission. At the left is Charlie Harth, The Dalles, and at right is Fred Hill, Helix. (neg. 42)

2196-2203 Crops - General; photos taken by J.W. Scheel, October 1946.

2196 Harvest time means hard work for everybody on a cranberry farm. Here is Joe Fosse, president of the South-western Cranberry Club, starting in from the bog with a wheel barrow load of two barrels of berries to be graded and packed for shipment. (neg. 43)

2197 Water scooping is a cranberry harvesting method coming into rather wide use in the Coos County bogs. The light-weight metal scoops were invented by Jim Olson, Bandon grower. This crew is working on a bog owned by Ray Bates. (neg. 44)

2198 Most revolutionary development in cranberry picking is this machine harvester, invented and patented by the Stankavich Bros. Of Bandon, and shown here being operated by Matt Stankavich on one of the Westmoor Cranberry Co. Bogs. The machine recently picked 114 half-barrel boxes in a 2.5 hour period. The equipment is to be manufactured by a recently organized Coos Bay Co. Under the name of Western Cranberry Picker. (neg. 45)

2199 Much of the cranberry harvesting is done by local labor. Here is Rev. Ronald Curren, Bandon minister, water scooping in a Ray Bates bog. (neg. 46)

2200 George Bjerg, Langlois, picking cranberries with a dry scoop method on the Westmoor Cranberry Company bog. The dry scoop method of picking is faster than hand picking, and also is harder work. (neg. 47)

2201 Cranberries that are harvested by water scooping or water raking must be dried before marketing to prevent stickiness and spoilage. One of the several types of driers used this year was a propeller powered by an old auto engine on the L.M. Kranick farm, Cranberry Acres. The blast from this propeller passed down a wind tunnel and up through the screen wire bottoms of trays filled with cranberries. (neg. 48)

2202 Trays of cranberries being dried at the L.M. Kranick Cranberry Acres. The wire-bottomed trays rest on top of a wind tunnel which receives the blast from an airplane propeller. (neg. 49)

2203 Ray Bates, Bandon, president of the Coos Cranberry Cooperative, looks at three boxes of berries as they come from the final sorting screens. The cooperative sizes its berries and markets them as large, medium or small. (neg. 51)

2204 Equipment - General; photo by J.W. Scheel, October 1946.

A typical cranberry grading table in Coos County. The trained eyes and nimble fingers of the graders enable them to pick out defective berries as the harvest flows past on the moving canvas belt. (neg. 53)

2205-2207 Crops - General; photos by J.W. Scheel, October 1946.

2205 Mr. and Mrs. Art Wilson, Bandon, with some of the berries from the 5 acres of bogs operated by Mr. Wilson and his father. The bog yielded approximately 700 quarter-barrel boxes per acre this year. (neg. 52)

2206 Edna Bates helps out with the hand-picking on one of the bogs belonging to her brother, Ray. The box in the foreground is a standard picking unit. Hand harvestors this year earned 70 cents for each unit picked. (neg. 54)

2207 Hand picking, the traditional method of harvesting cranberries, still is widely used. This crew of hand-pickers is working on a Westmoor Cranberry Co. bog. Hand-pickers this year were paid about 70 cents for each unit (about 12 pounds of berries). (neg. 55)

2208-2209 Publicity - General; photos by J.W. Scheel, October 1946.

2208 Mr. and Mrs. L.M. Kranick and their son, Martin, pose with a map of Kranberry Acres drawn up by Martin using a hobby he developed as a navigator in the army air forces during the war. Martin is pointing out the location of one bog area which this year yielded approximately 1200 quarter-barrels boxes per acre. (neg. 56)

2209 The dairy committee for the Wallowa County farm program planning conference meets to consider the problems of their industry and draft recommendations to be present at the county conference in Enterprise in late January. Around the table, left to right, are: Fred Himelwright, Joseph; Bill Wolfe, Wallowa; Arthur Bartmess, Lostine; Walt Stein, Enterprise; Audas Bechtel, Enterprise; Joe Betchel (standing), Enterprise; Lee Hulburd, Joesheph; B. Bohna, Wallowa; Roger Morse, OSC extension dairyman; Garnet Best, county agent; A.W. Loy, Enterprise. (neg. 59)

2210 Crops - Grass; photo by J.W. Scheel, November 1946.

Subterranean clover provides pasture as well as seed for Alex Cruickshank, right. His daughter, Sharon, is an attentive spectator as Assistant County Agent Norton J. Taylor lifts one small plant to show the starting of runners that will spread to cover surrounding ground. (neg. 60)

2211-2212 Crops - General; Photos by J.W. Scheel, November 1946.

2211 Stanley Cellars is dwarfed by these stacks of sacked seed in the Buchanan-Cellars warehouse at McMinneyville, awaiting its 3,000 mile ride to southern states. (neg. 61)

2212 These stacks of seed represent good business for Yamhill County as well as for the distant areas of the United States where they will eventually be

planted. The jubilant gentlemen at the right is Phil Meeker, Amity seed dealer, who has been a dynamic leader in the expansion and improvement of the seed production in that area. Asst. County Agent Norton Taylor is with him. (neg. 62)

2213-2218 Publicity - General; Photos by J.W. Scheel, November 1946.

2213 This vibrator which Stanley Cellars, left, is explaining to Asst. County Agent Norton Taylor, right, is one of the important items in seed processing equipment. Its shimmying motion sorts the seeds according to weight and runs them into different sacks. It was originally developed by a man familiar with gold mining and utilizes a principle used in separating gold from lighter material. (neg. 64)

2214 A British delegation inspects disease control experiments in a greenhouse at Oregon State College. Shown in the photo, left to right, are: H.C Tinsley, a potato grower of Peterborough, England, representing the National Farmers Union; Dr. John Barker of the Low Temperature Research Station at Cambridge, England; Dr. A.R. Wilson of the Midland Agricultural College, Leistershire, England; Dr. J.A. Milbrath, Associate Plant Pathologist of the Experiment Station; Dean William A. Schoenfeld, Director of Agriculture; R.S. Beese, Assistant Director of Agricultural Experiment Station; and Dr. W.H. English, Associate Plant Pathologist of the experiment Station. (neg. 65)

2215 The new KOAC wire recorder in use at the annual meeting of the Western Oregon Livestock Association in Salem. Left to right: R.C. Burkhart, Lebanon, retiring president of the organization; Albert Julian, Lyons, newly elected president; H.A. Lindgren, veteran extension animal husbandman; and Arnold Ebert, farm program director of KOAC. (neg. 67)

2216 The two largest poultry breeders in the United States -- snapped at the fall meeting of the Oregon Baby Chick Association in Portland. Hobart Creighton, left, is the largest ROP breeder of White Leghorns in the nation. He carries 60,000 birds on six farms in Indiana. Andrew Christie, right, is the Kingston, New Hampshire man who has played an important part in putting the New Hampshire breed in its present popular place. He operates several farms and sells chicks from 80,000 breeding birds, many of his chicks going to the large DalMarVa broiler district of Delaware, Maryland and Virginia. That is a White Leghorn folder that Creighton is displaying, and Christies comments can be imagined. (neg. 68)

2217 Newly elected officers of the Western Oregon Livestock Association, left to right, Albert Julian, Lyons, Linn County, president; Charles Evans, Independence, Polk County, vice-president; and H.A. Lindgren extension livestock specialist at OSC, secretary-treasurer. (neg. 70)

2218 J.R. McRae, right, sweepstakes winner in the Oregon State Chicken of Tomorrow Contest, receiving his plaque and congratulations from Noel L. Bennion, OSC extension poultryman. The presentation took place during the fall meeting of the Oregon Baby Chick Association in Portland. McRae, who lives near Milwaukie, Oregon, has been trap- nesting single comb Rhode Island Reds for 31 years and has been an ROP breeder since the National Poultry Improvement Plan went into operation in Oregon in the mid-thirties. His present flock includes 2,600 adult females. He has been endeavoring to develop better dual-purpose chickens throughout his entire period of poultry experience, and has been successful in developing a strain noted for short shanks and rapid, early feathering. He hatches and markets his own chicks. (neg. 71)

2219 Fertilizer - Applicators; Photo by J.W. Scheel, November 1946.

Even on a highly mechanized ranch like the J Bar S, there still is some handwork. Here Dale Standley, left and his father, right, L.E. Standley finish a load of manure in one of the lots as darkness falls. (neg. 74)

2220 Equipment - Tillage; Photo by R.G Fowler, August 1948.

The outfit shown is a modification of the Australian stump jump plow which has been built by the Forest Service for sage brush eradication work. It was shown at the Lake county sage brush removal demonstration. (neg. 77)

2221 Publicity - General; Photo by J.W. Scheel, November 1946.

Elmo B. Chase, left, now a partner in the Chase Gardens enterprise at Eugene, was one of Oregon's early-day boys club members who won a free trip to the first State Camp in 1914. Here he displays one of the plants for sale in his store to E.A. Danielson, Lane County 4-H Club Agent. (neg. 81)

2222 Equipment - General; Photo by J.W. Scheel, November 1946.

This welding outfit with which Dale Standley is posing is one of the most important pieces of equipment on the Standley Ranch, since it had a part in constructing or improving many of the other items. Standley, former 4-H Club member, is president of the Union County South-Forty Club of young farmers. (neg. 82)

2223 Poultry - Management; Photo by J.W. Scheel, November 1946.

Edgar Grimes, Harrisburg, was a 4-H Club Moses trophy winner in 1928. Now he operates a farm near Harrisburg in partnership with two brothers. The photo shows a sample of the flock of 850 New Hampshire hens which produce about 500 eggs per day that are sold to a hatchery. (neg. 84)

2224 Poultry - General; Photo by J.W. Scheel, November 1946.

Edgar Grimes, Harrisburg, was a 4-H Club Moses trophy winner in 1928. Now he operates a farm near Harrisburg in partnership with two brothers. The photo shows a sample of the flock of 850 New Hampshire hens which produce about 500 eggs per day that are sold to a hatchery. (neg. 86)

2225 Conservation - General; Photo by J.W. Scheel, August 1948.

This hilltop pasture on the Oscar Loe farm near Silverton in Marion County is one of the best pieces of pasture in that county in the opinion of County Agent Harry Riches. The pasture of chewings fescue and subclover was seeded in 1941, the second year after this land was logged. This photograph was taken Aug. 1948. During the preceding winter and spring, this land had been pastured as follows: 11 head of cattle, Nov. To Feb.; 34 head of cattl, Feb. To late June; 20 horses including 8 yearlings, late June to late August. (neg. 87)

2226 Dairy Animals; Photo by J.W. Scheel, November 1946.

Alex Cruishank, McMinnville, 4-H Club Moses trophy winner in 1927, poses with a new bull calf recently added to his purebred Guernsey herd. The 11- month old calf was purchased from a breeder at Berriancenter, Michigan, and comes from a cow that produced 671 pounds of butterfat as a two-year-old on twice-a-day milking. (neg. 88)

2227 Publicity - General; Photo by R.G. Fowler, Jr., February 1950.

Photo taken at conclusion of Region VII AACE banquet. Front row, left to right: Archie Harney, Idaho; Cal Anderson, Washington; and Al Bond, Washington. Second Row: Sam Bailey, Oregon; Mason Miller, Washington; Dwight Fairbanks, Washington; Ralph Salisbury, Oregon; and Norville Gish, Oregon. Back Row: William F. Calkins, California; J.W. Scheel, Oregon; Fred Shideler, Oregon; Anna Jim Holman, Washington; Molly Oyer, Washington; D.J. Morrison, Washington; Robert L. Sincok, Washington; and Dr. Curtis Reid, Oregon. (neg. 89)

2228 Home Economics - Publicity; Photo by J.W. Scheel, April 1947.

Part of the crowd of 400 women attending the 1947 Linn County Homemakers Festival. William L. Teutsch is speaking. (neg. 93)

2229 Home Economics - Organization; Photo by J.W. Scheel, April 1947.

Home Demonstration Agent Viola Hansen presenting achievement certificates to home extension unit chairmen at the Linn County Homemakers Festival, April 24. (neg. 94)

2230 Home Economics - General; Photo by J.W. Scheel, April 1947.

A display of slip-covered and re-upholstered chairs at the Linn County Homemakers Festival, April 24. (neg. 95)

2231 Home Economics - Publicity; Photo by J.W. Scheel, April 1947.

A tabletop model of the Linn County Homemakers Camp was one of the exhibits at the 1947 Linn County Homemakers Festival, April 24th. It was prepared by the Cascadia Unit. (neg. 96)

2232 Conservation - General; Photo by J.W. Scheel, August 1948.

This hilltop pasture on the Oscar Loe farm near Silverton in Marion County is one of the best pieces of pasture in that county in the opinion of County Agent Harry Riches. The pasture of chewings fescue and subclover was seeded in 1941, the second year after this land was logged. This photograph was taken Aug. 1948. During the preceding winter and spring, this land had been pastured as follows: 11 head of cattle, Nov. To Feb.; 34 head of cattl, Feb. To late June; 20 horses including 8 yearlings, late June to late August. (neg. 97)

2233 Horticulture - Nuts; Photo by J.W. Scheel, October 1946.

Gerald Newcomb, OSC extension soil conservationist, left, and Henry McKibbens, right, talking over the filbert situation besides one of the trees on McKibbens 9.5 acres of bearing filberts. (neg. 98)

2234 4-H Publicity; Photo by Dr. Reid, October 1948.

Left to right: L.J. Allen, state 4-H club leader, Corvallis; Bonnie Klein, 19, Aumsville, Oregon; and Bernie Gasset, 17, Cove, Oregon. Miss Klein and Gasset are winners of the first \$100 O.M. Plummer scholarship provided for competition at P.I., 1948. (neg. 99)

2235 Home Economics; Photo by R.G. Fowler, Jr., June 1948.

Shown in the home economics cooking laboratory during 1948 4-H summer school are left to right: Alma Steinhauer, 13, Blachly; Mrs. Vivian Freeman, Kerr Glass Company; Jean Strome, 13, Junction City; Audrey Crawford, 13, Eugene; and Alta Miller, 13, Portland. (neg. 100)

2236 Horticulture - Nuts; Photo by J.W. Scheel, October 1946.

A view of the filbert grove on the Henry McKibbens farm near Harrisburg in Linn County. This grove received water by sub-irrigation. It is on Clackamas gravelly loam soil and the particular soil combination that exists on this farm permits water to seep from an irrigation ditch beneath the surface of the surrounding soil to a distance of 150 feet or more, from the ditch. Mr. McKibbens believes that irrigation is largely responsible for the rapid growth and the color of these trees. When this photograph was taken, October 1, 1946, Mr. McKibbens estimated that he would receive a yield of 10,000 pounds of nuts, dry weight, from this 9.5 acre grove. (neg. 102)

2237 Home Economics - General

Women participating in a footstool workshop. (neg. 103)

2238 Conservation - Irrigation; Photo by J.W. Scheel, October 1946.

This irrigation ditch provides the water for Henry McKibbens orchard. About 900 feet of this ditch had to be constructed on a fill to carry the water at the proper level from the main ditch of the Muddy Creek Irrigation Company. This fill, which cost about \$300, was the major item of expense in establishing the irrigation project. (neg. 104)

2239 Horticulture - Berries; Photo by

Youngsters picking strawberries during World War II. (neg. 105)

2240 Crops - Potatoes; Photo by J.W. Scheel, October 1946.

Wallace Thompson, left, is cheerful about this years crop of potatoes as he views some nice-looking Netted Gems with County Agent C.A. Henderson. Thompson is a son-in-law of pioneer potato grower Henry Semon and assists in the operation of the Semon farm. (neg. 107)

2241 Publicity - General; Photo by J.W. Scheel, October 1946.

County Agent C.A Henderson, Klamath Falls, has been a leader in the development of potato production in the Klamath Basin for 22 years. (neg. 110)

2242 Equipment - General; Photo by J.W. Scheel, October 1946.

When completed, this building will house equipment for making glucose syrup from potatoes for soft drink sweetening. The new plant is under construction at Hatfield, California, and will provide an additional outlet for Klamath Basin potatoes when it gets into operation this winter. (neg. 111)

2243-2244 Crops - Potatoes; Photos taken by J.W. Scheel, October 1946.

2243 Potato pickers at work on the Henry Semon farm south of Klamath Falls. Semon had 70 acres of potatoes this year which produces approximately 25,000 sacks. (neg. 112)

2244 Potato pickers work on the Henry Semon farm. Potatoes from this farm filled two storage cellars with a total capacity of 21,000 bags with approximately 10 acres left over. (neg. 113)

2245 Crops - Grass; Photo taken by J.W. Scheel, May 1947.

A British visitor looks over grass experimental plots at OSC. Harry Schoth, left, USDA agronomist stationed at Corvallis, here points out the affect of fertilizer on a grass plot to A.N. Duckham, center, agricultural attache of the British Embassy, Washington, D.C., and Wm. A. Schoenfeld, dean of Agriculture at OSC. (neg. 115)

2246 Publicity - General; Photo by J.W. Scheel, May 1947.

A British visitor gets acquainted with alta fescue -- one of Oregon's outstanding new grasses. Shown in the photo, left to right: Wm. A. Shoenfeld, dean of agriculture, OSC; Harry Schoth, USDA agronomist stationed in Corvallis, who developed alta fescue; and A.N. Duckham, agricultural attache of the British Embassy, Washington, D.C. (neg. 116)

2247-2250 Beef - General; Photos by J.W. Scheel, May 1947.

2247 Superintendent Harry Avery of the Union Branch Experiment Station explaining one of the livestock feeding experiments to county agents attending the district training school on May 1. (neg. 117)

2248 H.A. Lindgren explains his scoring of a bull in the bull-grading demonstration at the Union Experiment Station on May 1 while county agents compare their score on the points listed. (neg. 118)

2249 H.A. Lindgren explains his scoring of a bull in the bull-grading demonstration at the Union Experiment Station on May 1 while county agents compare their score on the points listed. (neg. 119)

2250 The newer agents of eastern Oregon receive instruction in bull grading from H.A. Lindgren, extension animal husbandman, and Harry Avery, superintendent of the Union Branch Experiment Station. The agents in this group are completing a year's in-service training with a final training school at the Union Branch Experiment Station on April 29 to May 1. Shown in the picture, left to right, are: Paul J. Covey, Deschutes 4-H Agt; L.J. Marks, Wheeler county agent; Burns Bailey, Union Asst agent; George Bain, Malheur Asst Agt.; R.A. Hunt, Co. Agt. Jefferson; Andrew Landforce, Wallowa 4-H agent; Ernest Lathrop, Wasco 4-H agent; Harry Avery, Supt of Union Station; Leroy Fuller, Asst Co. Agt, Umatilla; Leeds Bailey, Malheur Asst; Francis Skinner, Klamath Falls 4-H Agt; Ernest Kirsch, Gilliam Co. Agt; and H.A. Lindgren, extension animal husbandman. (neg. 120)

2251-2252 Equipment - Spray; Photo by J.W. Scheel, May 1947.

2251 One of the Union County weed spraying outfits applying 2,4-D to a field of grain infested with Canada thistle. Union County now owns two such sprayers and also two power mowers. The county weed control program is financed by a one mill levy which provides \$19,000 a year for weed control purposes. Development of this weed control program has been one of the major projects of County Agent R.W. Schaad. (neg. 121)

2252 One of the Union County weed spraying outfits applying 2,4-D to a field of grain infested with Canada thistle. Union County now owns two such sprayers and also two power mowers. The county weed control program is financed by a one mill levy which provides \$19,000 a year for weed control purposes. Development of this weed control program has been one of the major projects of County Agent R.W. Schaad. (neg. 122)

2253-2255 Equipment - General

2253 A.S. King, Extension soil specialist, looks over the battery of centrifuges used in the production of ammonium sulphate fertilizer at the alumina plant in Salem. (neg. 123)

2254 Bagging fertilizer ready for delivery from alumina plant at Salem. (neg. 124)

2255 A stitcher closes a freshly filled bag of fertilizer ready for delivery from the alumina plant at Salem. (neg. 125)

2256 Crops - General; Photo taken in 1946.

General view of the Urann bog near Langlois, one of the stops on the cranberry tour in Coos and Curry Counties in 1946. This bog covers approximately 11 acres. (neg. 127)

2257 Equipment - General

Fertilizer is hauled away from the alumina plant by both rail and truck. Here the loading of one truck is just being completed while two others await their turn. (neg. 128)

2258 Publicity - General

Left to right: Truck driver ready to leave the alumina plant at Salem with a truckloads of freshly produced ammonium sulphate fertilizer. Art King, Extension soil specialist, OSC; E. R. Jackman, Extension crops specialist, OSC; and William L. Teutsch, Assistant Director of Extension. (neg 129)

2259 Publicity

This trio has directed the destiny of 4-H Club work in Oregon for more than 30 years -- Miss Helen Cowgill, left; L.J. Allen, center; and Harry Seymour, right. Miss Cowgill and Seymour will retire July 1 and Allen becomes state club leader at that time. (neg. 131)

2260-2261 Turkeys - General; Photos by J.W. Scheel, September 1946.

2260 Pearne Tharp, Tangent, weights a turkey and measures its breast with calipers to determine whether the bird meets requirements of the National Turkey Improvement Plan for use in a breeding flock. Tharp was photographed during a practical exercise at the turkey flock selecting and blood drawing agent school recently held at OSC. (neg. 133)

2261 A caliper for measuring the breast of turkeys to determine whether or not they conform to the requirements of the National Turkey Improvement Plan. The calipers was invented by Earl Reitsma, state poultry inspector of the Oregon State Department of Agriculture. (neg. 135)

2262-2263 Equipment - Harvest; Photos by J.W. Scheel, May 1947.

2262 An interested crowd of farmers watches one of the field harvester in operation at the McMinnville grass silage field day. (neg. 136)

2263 An interested crowd of farmers watches one of the field harvester in operation at the McMinnville grass silage field day. (neg. 137)

2264-2265 Equipment - General; Photos by J.W. Scheel, May 1947.

2264 The crowd watches grass silage being unloaded at the silo of the Glen Macy farm near McMinnville. (neg. 138)

2265 The crowd watches grass silage being unloaded at the silo of the Glen Macy farm near McMinnville. (neg. 139)

2266-2267 Publicity - General; Photos taken by J.W. Scheel, April 1947.

2266 This group participated in the program for the Exhibits School held in the Washington County Court Room on April 18. Left to right: Joe Cox, assistant county agent, Washington County; Homer Settlemier, fieldman for Imperial Feed and Grain, Hillsboro; Lincoln Wheeler, manager, Land Products Show, PI; Leon Davis, manager Washington County Fair, Hillsboro; E.H. Lane, designer, Allied Arts Studio, Portland; Curtis Reid, OSC; R.L. Andresen, Allied Arts Studio, Portland. (neg. 141)

2267 A panel discussion of fair exhibits conducted as part of the Exhibits School in the Washington County Court Room on April 18. Left to right: Homer Settlemier, fieldman for Imperial Feed and Grain, Hillsboro; R.L. Andersen, Allied Arts Studio, Portland; Leon Davis, manager of Washington County Fair, Hillsboro; Curtis Reid; and Lincoln Wheeler, manager of the Land Products Show, PI, Portland. (neg. 142)

2268 Equipment - General; Photo by J.W. Scheel, May 1947.

M.G. Huber, extension engineer, left, explains the basic principles of the molasses pumping outfit being demonstrated at the grass silage field days.

(neg. 143)

2269 Dairy - Animals; Photo taken by R.G. Fowler, Jr., February 1950.

Left to right: Roy, 4; and Lee Grimes, 5, sons of Edgar Grimes, Harrisburg, are shown handling a day old Holstein calf. (neg. 149)

2270-2271 4-H Publicity; Photos by J.W. Scheel, May 1947.

2270 Two Oregon State students who are delegates to the National 4-H Club Camp in Washington, D.C., look over the map of the long journey they will make to the Nations capital -- John M. Reith, left, Clatsop County; and Beverly Bradshaw, Linn County, right. (neg. 150)

2271 Two Oregon State college student who are delegates to the National 4-H Club Camp get a few pointers from L.J. Allen, assistant state 4-H Club leader, who is showing them a photograph of delegates at last years

camp. In the photo, left to right, are Allen; John M. Reith, Clatsop County; and Beverly Bradshaw, Linn County. (neg. 151)

2272 Horticulture - Berries

Harry Sandquist, Malheur County Agent, in a field of Marshall strawberry plants being grown for certification on the Ken Innahara farm 12 miles north of Ontario. The 35 acres of strawberry plants on the Innahara farm has successfully passed the first field inspection when this photograph was taken in August 1946.

2273 Crops - Potatoes

O.E. Bebb, right, and R.A. Hunt, Jefferson Conty Agent, left taking a few samples of the Bliss Triumph potatoes produced by Bebb this year on a field of newly irrigated land that previously had only grown sagebrush. (neg. 155)

2274 Dairy - Animals

Milking parlor scene on the Edgar Grimes farm near Harrisburg, Oregon. Animals shown are on three-a-day milking. Grimes is shown at second cow. (neg. 156)

2275 Crops - Grain; Photo taken by J.W. Scheel, August 1946.

J.B. Appling, Harney County Agent, and Julian Byrd, Editor of the Burns *Time-Herald*, in a field of irrigated wheat on the Pat Culp farm near Burns. A yield of 45 to 50 bushels per acre was indicated for this field when the photograph was taken on August 13, 1946. (neg. 158)

2276 Dairy - Animals; Photo taken by R.G. Fowler, Jr., February 1950.

Edgar Grimes, Harrisburg Holstein dairyman, shown hand milking. (neg. 160)

2277 4-H Publicity; Photo taken by J.W. Scheel, June 1947.

Mrs. Holda Lahti receiving congratulations from the District Governor of the Kiwanis Club. At the right is the manager of the Club 13 in Astoria where the Kiwanis Club luncheon was held at which Mrs. Lahti received her 25-year 4-H leader pin. (neg. 161)

2278 Publicity - General; Photo by J.W. Scheel, June 1947.

Mrs. Hilda Lahti, left, and Mrs. E.H. Wright, president of the Oregon State Club Leaders Association. (neg. 162)

2279-2281 4-H Publicity; Photos by J.W. Scheel, June 1947.

2279 Mrs. Hilda Lahti, left receiving her 25-year 4-H leaders pin from A.L. Mills, right, vice president of the U.S. National Bank of Portland. In the center is Dale Hooker, Clatsop county 4-H Club Agent. The presentation took place at a luncheon in Astoria sponsored by the

Kiwanis Club to which all 4-H Club leaders of the county were invited. The pin was the first 25-year leaders award presented in Oregon. (neg. 163)

2280 L.J. Allen left, state 4-H club leader, records his congratulations to Mrs. Lahti for broadcast.

Watching the recording left to right: Gordon Hood, Clatsop county agent; Dale Hoecker, Clatsop county 4-H Club Agent; and Mrs. Lahti. (neg. 164)

2281 Mrs. Hilda Lahti tells of her experience in 4-H Club leadership in the making of a wire recording to be broadcast from the Astoria radio station. In the foreground is Gordon Hood, county agent, operating the recorder, and facing Mrs. Lahti is Dale Hoecker, county club agent. (neg. 165)

2282 Crops - Legumes; Photo by J.W. Scheel, June 1947.

Dave Law, right, young veteran of World War II, explains emthods used in securing this excellent stand of Alsike clover on his farm to visitors at the Jefferson County Consercation and Irrigation Field Day this week.

Clover seed production is one of the new agricultural industries developing in the Madras areas as irrigation water is brought to 50, 000 acres of former dry wheat land. Law is growing clover in is entire 80 acres of irrigated land. (neg. 171)

2283-2284 Conservation - Irrigation; phots by J.W. Scheel, June 1947.

2283 Water flowing through this irrigation ditch is a welcome sight in Jefferson County these days. Here a group of farmers and county agents from Jefferson and Crook Counties take time out to look over an irrigation structure during the District Conservation Day on June 11. (neg. 172)

2284 Water flowing through this irrigation ditch is a welcome sight in Jefferson County these days. Here a group of farmers and county agents from Jefferson and Crook Counties take time out to look over an irrigation structure during the District Conservation Day on June 11. (neg. 173)

2285-2286 Equipment - General; Photos by J.W. Scheel, June 1947.

2285 The crowd at the District Conservation and Irrigation Field Day in Jefferson County on June 11 watches a heavy piece of land leveling equipment in operation on the Earl Bone farm. (neg. 175)

2286 The crowd at the District Conservation and Irrigation Field Day in Jefferson County on June 11 watches a heavy piece of land leveling equipment in operation on the Earl Bone farm. (neg. 176)

2287-2288 Crops - Potatoes; Photos by J.W. Scheel, June 1947.

2287 Harold Tompkins, left, and O.E. Bebb talking over potato prospects in a good looking field of Idaho Russets on Tompkins irrigated farm in the North Unit of Jefferson County. This field was used for dryland wheat until irrigation water was available last year. It produced peas in 1946. (neg. 177)

2288 Harold Tompkins, left, and O.E. Bebb talking over potato prospects in a good looking field of Idaho Russets on Tompkins irrigated farm in the North Unit of Jefferson County. This field was used for dryland wheat until irrigation water was available last year. It produced peas in 1946. (neg. 178)

2289 Crops - Legumes; Photo by J.W. Scheel, June 1947.

Alsike clover field in the Dave Law farm. County Agent R.A. Hunt of Jefferson County is at the right. (neg. 179)

2290 Dairy - Animals; Photo by R.G. Fowler Jr., February 1950.

Edgar Grimes, Harrisburg, shown with May, 13 year old great-granddaughter of one of his first 4-H club calves. Nearly all of his 49 cow herd are related to the foundation animal. Grimes was boy Moses trophy winner in 1928. (neg. 180)

2291-2292 Publicity - General; Photo by J.W. Scheel, May 1947.

2291 Left to right: Fred Furst, supervisor of the Siuslaw National Forest; Charles Brannan, assistant secretary of Agriculture, Washington, D.C.; George T. Hudson, USDA regional coordinator for the Columbia Basin; and Wm. A. Schoenfeld, dean of agriculture at OSC. Photo taken May 30 at luncheon in Corvallis for Secretary Brannan sponsored by the Corvallis USDA Club. (neg. 181)

2292 Left to right: President A.L. Strand, OSC; Charles Brannan, assistant secretary of agriculture, George T. Hudson, USDA regional coordinator for the Columbia basin; and Wm. A. Schoenfeld, dean of agriculture, OSC. Photo taken May 30 at luncheon in Corvallis sponsored by the Corvallis USDA Club and attended by members of OSC agricultural staff. (neg. 182)

2293 Poultry - General; Photo by J.W. Scheel, June 1947.

A view of some of the entries in the Chicken-of-Tomorrow contest held during the annual meeting of the Oregon Baby Chick Association in Corvallis. (neg. 187)

2294 Poultry - Equipment; Photo by J.W. Scheel, July 1947.

End panels of range shelter are removable to permit ventilation in summer. Houses can be placed end to end with panels removed to make a continuous long shelter for winter housing of breeding flock. (neg. 204)

2295 Equipment - General; Photo by J.W. Scheel, July 1947.

A handy type of wheelbarrow for use around a poultry farm. Note rubber tire which makes for easy rolling and reduces the shock of a rough load. (neg. 205)

2296 Poultry - Housing; Photo by J.W. Scheel, July 1947.

A type of small poultry house in use at the OSC poultry farm showing the wire outside runway in place. (neg. 206)

2297 Equipment - General; Photo by J.W. Scheel, July 1947.

Type of power mower suited for use around a poultry farm. Its construction permits trimming close to fences, posts, etc. (neg. 207)

2298 Turkeys - Equipment; Photo by J.W. Scheel, July 1947.

Interior view of turkey range shelter. Note runners at ends of building to facilitate moving. (neg. 208)

2299-2300 Poultry - Equipment; Photos by J.W. Scheel, July 1947.

2299 Small poultry house showing the outside runway removed for cleaning. (neg. 211)

2300 Interior view of a small poultry house showing nest boxes, feeder, and roosts with droppings pit. (neg. 212)

2301 Poultry - Management; Photo by J.W. Scheel, July 1947.

Interior view of small poultry house with center partition which permits handling two types of birds separately, or brooding chicks in one side with laying hens on the other. (neg. 214)

2302 4-H Publicity; Photo by R.G. Fowler, Jr., March 1950.

Bill Monroe, 18, Mulino, and freshman at O.S.C., named 1950 Safeway Livestock Breeding project \$100 college scholarship winner. Son of Mr. and Mrs. Oliver P. Monroe, who operate a 60 acre farm, 40 acres of it is devoted to walnuts. During 9 years of 4-H club work, Bill completed 30 projects with emphasis on dairy. (neg. 219)

2303 Publicity - General; Photo by R.G. Fowler, Jr., March 1950.

Standing, L.R. Breithaupt, O.S.C. extension services agricultural economist, discussing market reports with, seated, W.Wray Lawrence, agricultural economist, in charge of report preparation. (neg. 220)

2304 Crops - General; Photo by J.W. Scheel, July 1947.

Mr. and Mrs. Elmo J. Rodgers, who operate a 10-acre part-time farm near Gresham with gladiolus blooms they are selling from a small planting of bulbs. (neg. 222)

2305-2306 Dairy - Animals; Photo by J.W. Scheel, July 1947.

2305 The Rev. George H. Hatch, retired minister who operates a 3-acre tract in the Rockwood community, poses his milk cow, Daisy, that is the familys pride and joy. In the background is the haystack that constitutes part of Daisys winter feed supply. (neg. 224)

2306 The Rev. George H. Hatch, retired minister who operates a 3-acre tract in the Rockwood community, poses his milk cow, Daisy, that is the familys pride and joy. In the background is the haystack that constitutes part of Daisys winter feed supply. (neg. 225)

2307 Poultry - Equipment; Photo by J.W. Scheel, July 1947.

Mrs. Albert Waters poses proudly with the broilers that she and a neighbor are raising on a part-time farm in the Gresham vicinity. The 200 broilers are being raised for the home food supply of the two families rather than as a commercial venture. (neg. 228)

2308-2312 Poultry - General; Photos taken in 1947.

2308 Pullorum testing and flock selecting school, Oregon State College, August 11-12. Guy Torrey, Coquille, examines bird at flock selecting test. (neg. 233)

2309 Pullorum testing and flock selecting school, Oregon State College, August 11-12, 1947. Mrs. Lydia Gustafson passes out pullorum test material to Jack Miller, Portland, Glenn Morris and Russell Taylor, J.C. (neg. 234)

2310 Pullorum testing and flock selecting school, Oregon State College, August 11-12. Noel L. Benton, extension poultryman, shows how he graded birds. (neg. 235)

2311 Pullorum testing and flock selecting school, Oregon State College, August 11-12. Noel L. Bennion, extension poultryman, shows how he selected test birds. (neg. 236)

2312 Pullorum testing and flock selecting school, Oregon State College, August 11-12, 1947. (neg. 237)

2313-2330 Equipment - General; Photos taken by J.W. Scheel, August 1947.

2313

2314 A portable dehydrator being tested by the Oregon Agricultural Experiment Station is shown in operation in a farm near Corvallis. The machine here is drying chopped alfalfa hay in the field. It later will be tested on pea vines in eastern Oregon and possibly on fish cannery wastes on the coast. The machine is an experimental model, one of five produced by the Heil Company, Milwaukee, Wisconsin which has been manufacturing large dehydrators for many years. The portable machine is an oil fired rotary kiln type dryer rated to produce ton of dried material per hour. (neg. 239)

2315 Dale Kirk of the engineering department, OSC, left, and Dean Wm. A. Schoenfield, right, inspecting dried hay as it comes from the dehydrator. (neg. 240)

2316 Jim Dunn, Corvallis, sacking the dried alfalfa from a portable dehydrator being tested by the Oregon Agricultural Experiment Station on a farm near Corvallis. (neg. 241)

2317 A portable dehydrator being tested by the Oregon Agricultural Experiment Station is shown in operation on a farm near Corvallis. The machine here is drying chopped alfalfa hay in the field. Jim Dunn, Corvallis, is sacking the dried material. The machine later will be tested on pea vines in eastern Oregon and possibly on fish cannery wastes on the coast. The machine is an experimental model, one of 5 in the United States produced by the Heil Company, Milwaukee, Wisconsin which has been manufacturing dehydrators for many years. The portable machine is an oil fired rotary kiln type dryer rated to produce ton of dried material per hour. (neg. 242)

2318 These viners are set up to dump the pea vines directly into a specially made spreader. (neg. 343/243)

2319 An 8-foot scraper for a 30-horsepower tractor is this BE-GE land leveler. (neg. 245)

2320 A small type of carry-all for land leveling is this Owychi Kari-leveler which has the capacity of 1.25 yards and can be operated behind a 2- or 3-plow tractor. It is shown in operation on the Lee Foster farm near Harrisburg at the recent land-leveling equipment demonstration for Linn and Lane county farmers. The machine is produced by an Ontario, Oregon, firm. (neg. 246)

2321 One of the land-leveling equipments for ordinary 2- or 3-plow tractors demonstrated at the Lee Foster farm was this Eversman PL-12 land plane. (neg. 247)

2322 The crowd at the land-leveling equipment demonstration watches with interest as the 8-foot BE-GE scraper bites into a deep cut in leveling off the top of a knoll in Lee Foster's field. The field is being prepared for seeding to irrigated ladino clover pasture. (neg. 248)

2323 This large scraper plane was one of the items of land-leveling equipment viewed by Linn and Lane county farmers at a demonstration on the Linn and Lane county farmers at a demonstration on the Lee Foster farm near Harrisburg in Sept. 9 and 10. Produced by the BE-GE manufacturing company of Gilroy, Calif., it has an effective leveling area of 55 feet. Its scraper bowl is 10 feet across and has a capacity of about 3 yards. (neg. 249)

2324 A large crawler tractor is required to operate this Everman PL-25 land leveler. (neg. 250)

2325 An 8-foot scraper for a 30-horsepower tractor is this BE-GE land leveler. (neg. 251)

2326 A small type of carry-all for land leveling is this Owychi Kari-leveler which has the capacity of 1.25 yards and can be operated behind a 2- or 3-plow tractor. It is shown in operation on the Lee Foster farm near Harrisburg at the recent land-leveling equipment demonstration for Linn and Lane county farmers. The machine is produced by an Ontario, Oregon, firm. (neg. 252)

2327 An 8-foot scraper for a 30-horsepower tractor is this BE-GE land leveler. (neg. 253)

2328 A large crawler tractor is required to operate this Everman PL-25 land leveler. (neg. 254)

2329 This large scraper plane was one of the items of land-leveling equipment viewed by Linn and Lane county farmers at a demonstration on the Linn and Lane county farmers at a demonstration on the Lee Foster farm near Harrisburg in Sept. 9 and 10. Produced by the BE-GE manufacturing company of Gilroy, Calif., it has an effective leveling area of 55 feet. Its scraper bowl is 10 feet across and has a capacity of about 3 yards. (neg. 255)

2330 This large scraper plane was one of the items of land-leveling equipment viewed by Linn and Lane county farmers at a demonstration on the Linn and Lane county farmers at a demonstration on the Lee Foster farm near Harrisburg in Sept. 9 and 10. Produced by the BE-GE manufacturing company of Gilroy, Calif., it has an effective leveling area of 55 feet. Its scraper bowl is 10 feet across and has a capacity of about 3 yards. (neg. 256)

2331 Publicity - General; Photo by J.W. Scheel, October 1947.

Talking over the feed situation and hog production are H.A Lindgren, left, OSC extension animal husbandman; J. Roland Parker, Douglas Co. Agt., and Jim Henry, right, Douglas County swine grower. (neg. 258)

2332 Crops - Grass; Photo taken by J.W. Scheel, October 1947.

Alta fescue and subclover make good grazing even in the early fall. Here, H.A. Lindgren, left, OSC extension husbandman, and J. Roland Parker, Douglas county agent, admire the forage in one of the improved pastures on the Willard Smith farm. (neg. 263)

2333-2335 Home Economics - Clothing; Photos taken September 1947.

2333 Agents taking personal measurements preparatory to checking against the pattern measurements at the cotton dress workshop at Agent Fall Training Conference, September, 1947. (neg. 264)

2334 Agents constructing a cotton dress at the two-day cotton dress workshop at Agent Fall Training Conference, September, 1947. (neg. 265)

2335 Miss Viola Hansen, HDA in Linn County, and Mrs. Maud Casswell, HDA in Columbia County, work out a fitting problem at the two-day

cotton dress workshop at Agent Fall Training Conference, September, 1947. (neg. 267)

2336 Crops - Potatoes

Mexicans picking up spuds on the Dalton and Evans farm near Malin, Klamath county. Digger in the background. (neg. 268)

2337 Equipment - Harvest

Don Kenyon with one of 50 trailer potato-sckers built this season. Klamath county. (neg. 269)

2338-2339 Crops - Potatoes; Photos taken in October 1944.

2338 Clyde Walker, Assistant State farm labor supervisor and Ed Stastny, Malin potato grower, look over part of Stastnys 70 carload crop in his potato cellar. Klamath county. (neg. 270)

2339 One of Kenyons potato sackers in operation on the Sam Dehlinger farm. Klamath county. (neg. 271)

2340 Equipment - Harvest; Photo taken October 1944.

A crew of 7 German prisoners of war operating the potato bulker on the Frank Bell farm just across the state line in Tulelake. (neg. 272)

2341 Crops - Potatoes; Photo taken in October 1944.

Digging and picking potatoes on T.D. Jackson farm, Route 2, Klamath Fall. (neg. 273)

2342 Equipment - Harvest; Photo taken in October 1944.

Two men handle the actual sacking, setting off the half-sacks for truck to pick up. (neg. 274)

2343-2345 Equipment - General; Photo taken 1943-1944.

2343 The potatoes are dumped from the truck on this conveyor leading to sorting machine. (neg. 275)
2344

2345 After the potatoes are dug with the potato bulker, the trailer is backed into the cellar. The motor attached above, empties the trailer onto the elevator. (neg. 277)

2346 4-H Publicity; Photo by R.G. Fowler, Jr., March 1950.

1950 delegates to National 4-H club Camp in Washington, D.C.: Lef to right, Bill Monroe, 18, Mulino; Margaret Colegrove, 18, Junction City; Roma Deane Otto, 17, Eugene; and John Kiesow, 18, Bend. All with the exception of Roma Deane are freshman at OSC. (neg. 278)

2347 Equipment - Harvest; Photo taken October 1947.

A crew of 7 German prisoners of war operating the potato bulker on the Frank Bell farm just across the state line in Tulelake. (neg. 279)

2348 Conservation - General; Photo by R.G. Fowler, Jr., March 1950.

Dorena dam, located east of Cottage Grove in Lane county. One of the flood control dams being constructed in the Willamette basin. (neg. 280)

2349 Equipment - Harvest; Photo taken 1943.

Mexicans were used in this combine operating on the Harry Wilson farm near Malin. (neg. 281)

2350 Crops - Potatoes; Photo taken October 1944.

Part of a 400 acre potato field being harvested on the Jerry Short farm north of Klamath Falls just adjacent to upper Klamath Lake. (neg. 282)

2351 Equipment - Harvest; Photo taken 1943.

Sacking device runs crosswise with this type. Klamath county. (neg. 283)

2352 Crops - Potatoes

Field potato harvest scene in Klamath county. (neg. 284)

2353 Equipment - General; Photo taken 1943.

A labor-saving device which picks up bales of hay from the ground and raises them for easy loading on trucks. Klamath county. (neg. 285)

2354 Equipment - Harvest; Photo taken 1943.

Klamath County. All workmen on this threshing outfit were neighboring growers who helped each other harvest seed crops. (neg. 286)

2355 Equipment - General; Photo taken 1944.

Photo taken at Merrill Camp - 1944. (neg. 287)

2356 Publicity - General

(neg. 288)

2357-2358 Equipment - Harvest; Photo taken June 1944.

2357 Combining alsike clover in the Bob Irish farm. Photo taken in Linn County - June 1944. (neg. 289)

2358 Combining alsike clover in the Bob Irish farm. Photo taken in Linn County - June 1944. (neg. 290)

2359-2360 Poultry - Management; Photo by R.G. Fowler, Jr., March 1950.

2359 James Hemenway, Rt. 1, Cottage Grove, is shown feeding in triple deck feed hoppers. To allow four inches of hopper space for birds confined on wire, triple deck feed hoppers are necessary, he claims. (neg. 291)

2360 James Hemenway, Rt. 1, Cottage Grove, is shown gathering eggs from inclined battery nests. His birds are confined on wire and lay in community nests equipped with slanting wire (one-half inch woven wire) floors. Nest bottoms slope 3.5 inches in 3 feet. Thus, eggs roll out from under foot as the are laid. (neg. 292)

2361 Poultry - Equipment; Photo by R.G. Fowler, Jr., March 1950.

Feed saving hoppers built by James Hemenway, Rt. 1, Cottage Grove, have forward sloping rear walls. Thus, hens do not lift as much feed over the bin top and waste it as with straight sided hoppers. Rear hopper walls (opposite from Hemenway) slant 1 and 3/8 inches. Stock is 1 x 6. (neg. 293)

2362-2364 Horticulture - Row Crops; Photos taken in 1944.

2362 Japanese evacuees harvested onion seed in one of Malheur countys big onion seed acreage. (neg. 295)

2363 J.B. Holladay, Malheur assistant county agent, demonstrates the use of fuel oil spread on the field of carrots to kill weeds. The area on the right was treated three days previously. (neg. 296)

2364 Women were among some of the best bean pickers. Photo taken in Lane County - 1944. (neg. 297)

2365 Horticulture - Tree Fruits

P.L. La Follete, peach grower, looks over the crop of early peaches with Menegat, asking about pickers. (Washington County) (neg. 298)

2366 Horticulture - Row Crops

Two of the Mexican pickers with Mrs. Dloff. (Umatilla County) (neg. 299)

2367 Crops - Hops; Photo taken 1945.

General view of hop picking at John Kister farm, Clackamas County. (neg. 300)

2368-2369 Publicity - General

2368 Two full platoons in one truck leaving for the field of Paul Garboden, near Springfield. (neg. 301)

2369 Assembly place for platoons and other picking crews is in the rear of the U.S. Employment Service office. (neg. 302)

2370 Horticulture - Row Crops; Photo taken 1944.

Part of the crew of thirteen women who harvested Arthur Evans 22.5 acres of onion seed, in Marion County. (1944) (neg. 303)

2371 Publicity - General

County Agent Fletcher talks with H.G. Gerrard, manager of the camp.
(neg. 305)

2372 Crops - Hops; Photo taken 1944.

These two valley girls in a Willamette valley hop yard find pleasure and profit on this outdoor farm work.
(neg. 307)

2373-2375 Home Economics - Clothing; Photo by R.G. Fowler, Jr., March 1950.

2373 Mrs. R.L. Fanning, Gresham, project leader for Multnomah county fabric glove making project is shown trying on gloves she has completed. (neg. 308)

2374 Mrs. G.H. McAllister, Gresham, project leader in Multnomah county fabric glove making project is shown sewing. (neg. 309)

2375 Participating in home economics unit glove making project from Multnomah county are two leaders with Miss Dorothy Tolleth, county extension agent, center. Leaders are, left to right, Mrs. R.L. Fanning, Gresham; and Mrs. G.H. McAllister, Gresham. They are drawing around stencil on glove fabric. (neg. 310)

2376 Crops - Potato; Photo taken 1943.

First-grade potatoes coming over the grader after off-grades are removed. (Klamath Co. -1943) (neg. 311)

2377 Home Economics -Clothing; Photo by R.G. Fowler, Jr., March 1950.

Participating in home economics unit glove making project from Multnomah county are two leaders with Miss Dorothy Tolleth, county extension agent, center. Leaders are, left to right, Mrs. R.L. Fanning, Gresham; and Mrs. G.H. McAllister, Gresham. They are drawing around stencil on glove fabric. (neg. 310)

2378 4-H Publicity; Photo by R.G. Fowler, Jr., March 1950.

1950 delegates to National 4-H club Camp in Washington, D.C.: Left to right, Bill Monroe, 18, Mulino; Margaret Colegrove, 18, Junction City; Roma Deane Otto, 17, Eugene; and John Kiesow, 18, Bend. All with the exception of Roma Deane are freshman at OSC. (neg. 313)

2379 Publicity - General; Photo by B.A. Peterson, May 1954.

Ed Coles (left) and Burton Wood looking at program for Oregon Cattlemans Association annual meeting--background college barns and corral. (neg. 314)

2380 Horticulture - Tree Fruits; Photo by B.A. Peterson, August 1953.

Farmers attending the 1953 OSC peach field day sampling peaches produced and canned by OSC. (neg. 315)

2381 Crops - Hops; Photo by B.A. Peterson, August 1953.

Roland Landing, OSC Farm Crops department, talking to group attending 1953 hop field day. (neg. 316)

2382 Equipment - General; Photo taken 1944.

Merrill Camp - 1944. (neg. 319)

2383 Horticulture - Row Crops; Photo taken 1944.

Onion seed stacked in large trays to dry. (Malheur County - 1944) (neg. 320)

2384-2388 Equipment - General; Photos taken in 1944.

2384 A Malheur county farmer demonstrates a method of bucking baled hay. (June, 1944) (neg. 321)

2385 A Malheur county farmer demonstrates a method of bucking baled hay.

(June, 1944) (neg. 322)

2386

2387 A camp with permanent headquarters buildings and frame cabins is used for the Mexicans at Nyssa. (Malheur County) (neg. 325)

2388

2389 Horticulture - Row Crops

Lunch time brings out a hundred or more pickers out of the field for lunch at a prepared place.

(Washington County) (neg. 327)

2390 Home Economics - General

Labor Saving demonstration. (neg. 328)

2391 Crops - General; Photo taken 1944.

A crew of neighborhood women wigwaming fibre flax at the Benton county Flax Growers Cooperative near Monroe. (1944) (neg. 329)

2392-2394 Publicity - General

2392

2393

2394 An early morning view of the loading activities where, at the height of some 1200 to 1500 youngsters were dispatched to bean fields. (Lane County - 1944) (neg. 332)

2395-2396 Equipment - Harvest; Photo taken 1944.

2395 This crew working in the Umatilla County canning pea harvest is made up of entirely women. The truck driver is Lucille Branch; the leader, Mary Ann Mitchell, a Pendleton High School senior; and the tractor driver is Ramona Roe Cloud, daughter of the Indian Agent at the

Umatilla Indian Reservation, and a graduate of Vassar College and Columbia University. (neg. 334)

2396 An all-women crew operates this outfit in the huge Umatilla County canning pea harvest. Marilyn Glenn is the truck driver, Pat Mann is the tractor driver, and Mrs. Norma Mann (her sister-in-law) operates the loader. All of these girls are University students. (1944) (neg. 335)

2397 Horticulture - Row crops

Young with his bucket of tomatoes. The Mexicans learned American farm methods quickly. (Umatilla County) (neg. 336)

2398 Publicity - General; Photo taken 1944.

Farmers trucks lined up at the Athena farm labor camp awaiting loads of Mexicans for the pea harvest. (Umatilla County - 1944) (neg. 339)

2399 Home Economics - Publicity; Photo by R.G. Fowler, Jr., March 1950.

Participants in the 1950 Linn county Homemakers festival held in Sweet Home, are, Left to right, Rev. W.H. Cooksley, Sweet Home; Mrs. R.L. Clark, Sweet Home; Mrs. R.N. Goar, Scio; Miss Viola Hansen, Linn county home economics extension agent; and J.D. Galey, Sweet Home, Chamber of Commerce president. (neg. 340)

2400 Home Economics - Clothing; Photo by R.G. Fowler, Jr., March 1950.

Beverly Lynds, 9, Corvallis, models coat before, left to right, Mrs. Richard Cushing, Albany; Mrs. Vernon Roberts, Shedd; and Mrs. F.S. Perry, Scio, at 1950 Linn county Homemakers festival, Sweet Home. (neg. 341)

2401-2402 Equipment - General; Photo taken 1944)

2401 An especially designed spreader is out here to spread the wet pea vines out over the fields to cure and dry before being baled for hay. (neg. 342)

2402 A designed spreader loads pea vines from a viner. (Umatilla County - 1944) (neg. 344)

2403 Crops - General; Photo taken 1944.

Some growers stack their pea vines much like they do hay. (Umatilla County - 1944) (neg. 346)

2404 Equipment - General; Photo taken 1944.

Pea vines being fed into viners. (Umatilla County - 1944) (neg. 347)

2405-2407 Equipment - Harvest; Photos taken 1944.

2405 A bulldozer levels off pea vines in a huge stack. Vines will be stacked in a ravine. (Umatilla County - 1944)

2406 Ramona Roe Cloud and Mary Ann Mitchell of Pendleton, operate this canning pea vine loader and help harvest Umatilla Countys 45 thousand acre pea crop in 1944. (neg. 349)

2407 Some Indians were also used in pea vining operations. These are working on the C.C. Curl farm. (Umatilla County) (neg. 351)

2408 Equipment - General

Another view of the pick up baler operating in dried pea vines. Probably 30 thousand tons of vines were wasted instead of being saved this way. (neg. 352)

2409 Horticulture - Row Crops

Mexican laborers from the Freewater camp pick early tomatoes on the Joh R. Dloff farm. (Umatilla County) (neg. 353)

2410 Publicity - General

Dick Nixon, Athletic director at the Pendleton Senior High School, served all season as the weigher at the Smith cannery. (Umatilla County) (neg. 354)

2411 Equipment - Harvest

At the other end of the viners the threshed vines come out. One young mexican who can read english is enjoying himself with a magazine for a while. (Umatilla County) (neg. 355)

2412 Home Economics - Publicity; Photo by R.G. Fowler, Jr., March 1950.

Sweepstakes winner for table flower setting arrangement at 1950 Linn county Homemakers festival was the Riverside extension unit. Shown putting on the last minute touches to their winning entry are, left to right, Mrs. Morgan Harman, and Mrs. Uriah Roth, Albany. (neg. 356)

2413 Equipment - General

Harvesting cannery peas in Umatilla County requires about 2,000 additional adult laborers. Mexicans such as these shown here feeding the viners saved the day in harvesting this crop. (neg. 357)

2414 Crops - General

Peas are unloaded from the farm trucks on to the platform at the Smith cannery at Pendleton. (neg. 358)

2415 Publicity - General

A mixture of town men and women, as well as soldiers, supplied the labor for the Smith cannery. (neg. 359)

2416 Home Economics - Publicity; Photo by R.G. Fowler, Jr., March 1950.

Luncheon scene in the Lebanon high school during the 1950 Linn county Homemakers festival. (neg. 360)

2417 Crops - General

View of the Roy Duff dry edible pea field with the combine at work. (neg. 361)

2418 Equipment - Harvest

Thousands of acres of dry edible peas also had to be harvested about the same time as the cannery crop. Here Bill McKinney, Smith-Hughes teacher in Pendleton high school, is sewing sacks on a combine operating on the Roy Duff farm. (neg. 362)

2419-2420 Horticulture - General

2419 Sgt. Michael C. Tyirian in one of the alleys between mountainous piles of cases of canned peas. Umatilla County. (neg. 363)

2420 Soldiers on leave from the nearby air base helped a day or two at a time at the cannery, many of them piling the cases of canned peas. Umatilla County. (neg. 364)

2421 Home Economics - Clothing; Photo by R.G. Fowler, Jr., March 1950.

Suits modeled by Lebanon women during the 1950 Linn county Homemakers festival held in Sweet Home. Left to right, Mrs. Orval Wagner, Mrs. J.O. Morris, Mrs. J.B. Alley, and Mrs. Harry Howe, all of Lebanon. (neg. 365)

2422-2424 Horticulture - Tree Fruits; Photo taken October 1944.

2422 This woman joined her husband in the pear harvest at Medford. She is picking comice pears at the Illihee orchards. (neg. 366)

2423 Picking comice pears on the Elmer Hunt Farm--Illihee orchard. (neg. 367)

2424 Picking comice pears on the Elmer Hunt Farm--Illihee orchard. (neg. 368)

2425 Horticulture - Berries

Youngsters picking raspberries during World War II. (neg. 369)

2426 Home Economics - Clothing; Photo by R.G. Fowler, Jr., March 1950.

Clothing modeled by extension unit members at 1950 Linn county festival held in Sweet Home. (neg. 370)

2428 Crops - Potatoes

Harvesting the early potato crop in Malheur county was made possible by the presence of the Mexicans. A digger at work on the Roy Holmes farm. Malheur county. (neg. 372)

2429 Crops - General

About 450 Japs from relocation centers were also used in Malheur county this season. They worked mostly for Japanese farmers, hough there are working in the Dale Garrison beet field. (neg. 373)

2430-2431 Crops - Potatoes

2430 Another view of Mexicans picking up spuds on the Roy Holmes Farm. There were 10,000 acres of potatoes in Malheur county this year, 4500 acres of early ones. (neg. 374)

2431 Mexicans picking up potatoes were paid sometimes \$0.75 per hour and sometimes by the sack. Malheur county. (neg. 375)

2432 Equipment - General

View down one of the rows of cabins at Nyssa camp. (neg. 376)

2433 Crops - Potatoes

Sacks about half full are loaded on the truck without tying and hauled to the grading and scaking sheds. Malheur county. (neg. 377)

2434 Home Economics - General; Photo taken 1946.

Kitchen on the John Decker farm, Benton County. (neg. 378)

2435-2436 Publicity - General; Photos taken 1946.

2435 Group studying plan of a house. Stoney Jackson, Benton Co., left. (neg. 379)

2436 Dr. H.J. Anderson, Corvallis, Oregon, 1956. Photo taken 1946 --R.G. Fowler, Jr.

2437 Horticulture - Berries; Photo taken 1946.

Ray Streight, 14, Gladstone, picking blackcaps on John Phillips farm in Carus community of Clackamas County. (neg. 382)

2438 Horticulture - Row Crops; Photo taken 1946.

Jim Ammon, 18, sack carrier, left assisting Mrs. Claude Ammons, checker, weigh in a sack of beans at the Ammons Bros. beanyard near Jefferson in Linn county. (Neg. 383)

2439 Home Economics - Clothing; Photo by R.G. Fowler, Jr., March 1950.

Clothing modeled by extension unit members at 1950 Linn county Homemakers festival held in Sweet Home. (neg. 385)

2440 Horticulture - Row crops; Photo taken 1946.

Mrs. Otto H. Vollstedt, Rt. 4 Albany and daughter Edith in good family garden planted on Melbourne soil. (neg. 386)

2441 Horticulture - Berries; Photo taken by R.G. Fowler, Jr., 1946.

Strawberry VFV platoon working under the direction of leader, standing left. Portland. (neg. 387)

2442 Home Economics - Clothing; Photo by R.G. Fowler, Jr., March 1950.

Clothing modeled by extension unit members at 1950 Linn county Homemakers festival held in Sweet Home. (neg. 389)

2443-2447 Home Economics - General

2443 Farm labor - labor saving demonstration. (neg. 391)

2444 Farm labor - labor saving demonstration. (neg. 392)

2445 Farm labor - labor saving demonstration. (neg. 391)

2446 Farm labor - labor saving demonstration. (neg. 391)

2447 Farm labor - labor saving demonstration. (neg. 391)

2448 Publicity - General; Photo by R.G. Fowler, Jr.

Gerald Smith, 12, sitting, Mrs. Beulah Fish, platoon leader and Russell M. Adams, assistant state supervisor of the VFV program. Platoon leader is distributing slip indicating total weights of berries picked. (neg. 397)

2449 Crops - Hops

Orren Goff, check boss, left at the Mitcoma hopyard watches Janiece Gerhard, 15, Middle and Jorene Johnson 17, dump a basket of hops into a hopper in preparation for sacking and weighing. (neg. 398)

2450 Horticulture - Row crops; photo by R.G. Fowler, Jr.

Margaret Moss, 17, Chico, Calif. Showing farm labor assistant W.V. Merrill, Linn County, how she picks 233 pounds of beans a day. (neg. 399)

2451-2452 Horticulture - Berries; Photos taken in 1946.

2451 Larry Wheeler, 12, Portland, picking raspberries. His third year in a VFV platoon. (neg. 400)

2452 Carl Gotcher, flyweight strawberry picking champ. \$19 in three days at Troutdale. (neg. 401)

2453 Publicity - General; Photo by R.G. Fowler, Jr., 1946.

A Portland VFV raspberry picking platoon at lunch at a farm near Troutdale. (neg. 403)

2454 Home Economics - Clothing; Photo by R.G. Fowler, Jr., March 1950.

Clothing modeled by extension unit members at 1950 Linn county Homemakers festival held in Sweet Home. (neg. 404)

2455 Home Economics - General; Photo by R.G. Fowler, Jr., March 1950.

Homemakers camp exhibit at 1950 Linn county Homemakers festival in Sweet Home high school. (neg. 405)

2456 Home Economics - Publicity; Photo by R.G. Fowler, Jr., March 1950.

View of filled high school auditorium in Sweet Home during 1950 Linn county Homemakers festival.
(neg. 406)

2457-2458 Horticulture - Tree Fruits; Photo by R.G. Fowler, Jr., 1947.

2547 Henry Wooten--picking champ. Taken on Roy Wenster orchard near Hood River--picking DAnjou pears. (neg. 407)

2548 Henry Wooten--picking champ. Taken on Roy Wenster orchard near Hood River--picking DAnjou pears. (neg. 408)

2459 Publicity - General; Photo by R.G.Fowler, Jr., 1946.

A view of platoon groups from Portland loading onto a school bus for the journey homeward bound.
Boring. (neg. 411)

2460-2473 Home Economics - General; Photo taken January 1947.

2460 Farm labor - posture pictures. (neg. 412)

2461 Farm labor - posture pictures. (neg. 413)

2462 Farm labor - posture pictures. (neg. 414)

2463 Farm labor - posture pictures. (neg. 415)

2464 Farm labor - posture pictures. (neg. 416)

2465 Farm labor - posture pictures. (neg. 417)

2466 Farm labor - posture pictures. (neg. 418)

2467 Farm labor - posture pictures. (neg. 419)

2468 Farm labor - posture pictures. (neg. 420)

2469 Farm labor - posture pictures. (neg. 421)

2470 Farm labor - posture pictures. (neg. 422)

2471 Farm labor - posture pictures. (neg. 423)

2472 Farm labor - posture pictures. (neg. 424)

2473 Farm labor - posture pictures. (neg. 425)

2474 Equipment - General; Photo by R.G. Fowler, Jr., April 1950.

Max Kleman, Salem, shown dumping concrete from his home-made cement mixer. Built from a 55 gallon oil drum, 1/4 quarter horse power motor and various other odds and ends around his farm. Old binder chain around the barrel middle is driven from pulling and sprocket. It rests on part of a model T frame and is hinged on wooden supports for easy dumping. (neg. 426)

2475 Home Economics - General; Photo taken January 1945.

Farm labor - posture pictures. (neg. 427)

2476 Buildings - Silos; Photo by R.G. Fowler, Jr., April 1950.

Home-made silo on the Max Kleman farm, Salem, is 7 x 23 and was constructed from 1 4 inch tongue and groove flooring. It cost \$125 and will be roofed for

less than another \$25. Hoops were cut from scrap lumber with a bandsaw. (neg. 428)

2477-2480 4-H - Publicity; Photos taken February 1948.

2477 Pin presentation at Eastern Oregon 4-H club leaders conference, La Grande, February, 1948. Left to right: James R. Huber, Union county 4-H club agent; H.A. Gassett, Cove, 10-year pin; Vernon DeLong, La Grande, 15-year pin; T.B. Lumsden, manager La Grande U.S. National Bank of Portland; and Ehrmen Bates, La Grande, 5-year pin. (neg. 433)

2478 The head of the table at Eastern Oregon 4-H conference, February, 1948. Standing at the microphone is Vernon DeLong, La Grande toastmaster. Left to right: Mrs. DeLong; Mrs. Jean Lovejoy, Seattle, Sears-Roebuck Foundation; E.H. Greenwood (partially hidden), secretary, Oregon Bankers Association, Portland; Mrs. T.B. Lumsden, manager, La Grande U.S. National Bank of Portland. (neg. 434)

2479 Pin presentation at Eastern Oregon 4-H club leaders conference, La Grande, February, 1948. Left to right: James R. Huber, Union county 4-H club agent; H.A. Gassett, Cove, 10-year pin; Vernon DeLong, La Grande, 15-year pin; T.B. Lumsden, manager La Grande U.S. National Bank of Portland; and Ehrmen Bates, La Grande, 5-year pin. (neg. 435)

2480 Pin presentation at Eastern Oregon 4-H club leaders conference, La Grande, February, 1948. Left to right: James R. Huber, Union county 4-H club agent; H.A. Gassett, Cove, 10-year pin; Vernon DeLong, La Grande, 15-year pin; T.B. Lumsden, manager La Grande U.S. National Bank of Portland; and Ehrmen Bates, La Grande, 5-year pin. (neg. 436)

2481 Publicity - General; Photo taken January 1948.

Oregon Grange Lecturers school, Corvallis, January, 1948. Left to right: Mrs. Mabel Mack, Mrs. Hilda Reeher, Mrs. Cora Saunders, Mrs. Rose Carter, J.R. Beck, Mrs. Garnet Ruckman, and Mrs. Mildred Norman. (neg. 437)

2482 4-H - Publicity; Photo taken January, 1948.

Photograph used for mat to publicize 1948 National 4-H Club Week. Left to right: Dick Larkin, 18, Monroe, Governor Patterson leadership award winner; Bonnie Klein, 18, Aumsville, Governor Snell achievement winner; Donna Wiederkehr, 17, Jefferson, Bankers Association leadership award winner; and Bill Headrick, 16, Beavercreek in Clackamas county, Governor Snell achievement winner. (neg. 438)

2483 Publicity - General; Photo taken February 1948.

Seated left to right: E.L. Petersen, stated director of agriculture; Albert Julian, Lyons, 1947 president, Western Oregon Livestock Association; and Lawrence E. Goodbourn, president, Douglas County Livestock Association. Standing, left to right: H.A. Lindgrejm, OSC extension animal husbandman and secretary-

treasurer of the Western Oregon Livestock Association; and J. Roland Parker, Douglas county agent. The 11th annual meeting of the Association in Roseburg, February, 1948. (neg. 439)

2484-2486 4-H - Publicity; Photos taken February 1948.

2484 Guy Rae, manager of the Astoria Branch of the U.S. National Bank of Portland, pins a 25-year 4-H leaders pin on Mrs. Stanley Coates, Tillamook. The occasion was a banquet in Tillamook honoring Mrs. Coates and also Dave Kennedy who had completed 25 years as county club agent. (neg. 440)

2485 Mrs. Stanley Coates, Tillamook, receives congratulations from Guy Rae, manager of the Astoria branch of U.S. National Bank of Portland, on her achievement of 25 years as a local 4-H club leader. Rae presents Mrs. Coates with an emerald mounted pin at a local leaders banquet in Tillamook. (neg. 441)

2486 At the Western Oregon 4-H club, leaders conference held on the OSC campus, January, 1948, left to right, Janie Rumbaugh and Joanne Perry, both Portland, gave a demonstration of a Jiffy Dress before the leaders. (neg. 442)

2487 4-H - Clothing; Photo taken January 1948.

At the Western Oregon 4-H club, leaders conference held on the OSC campus, January, 1948, left to right, Janie Rumbaugh and Joanne Perry, both Portland, gave a demonstration of a Jiffy Dress before the leaders. (neg. 443)

2488 4-H - Sheep; Photo taken 1945.

4-H livestock Show. (P.I.) (neg. 445)

2489-2490 4-H Sheep; Photo taken 1945.

2489 4-H livestock Show. (P.I.) (neg. 446)

2490 4-H livestock Show. (P.I.) (neg. 447)

2491 Publicity - General; Photo taken 1945.

4-H livestock Show. (P.I.) (neg. 448)

2492-2493 4-H - Beef; Photo taken 1945.

2492 4-H livestock Show. (P.I.) (neg. 449)

2493 4-H livestock Show. (P.I.) (neg. 450)

2494 Publicity - General; Photo taken 1945.

4-H livestock Show. (P.I.) (neg. 451)

2495 4-H - Swine; Photo taken 1945.

4-H livestock Show. (P.I.) (neg. 452)

2496 Swine - Animals; Photo taken 1945.

4-H livestock Show. (P.I.) (neg. 453)

2497 4-H - Beef; Photo taken 1945.

4-H livestock Show. (P.I.) (neg. 454)

2498 4-H - Sheep; Photo taken 1945.

4-H livestock Show. (P.I.) (neg. 455)

2499-2501 4-H - Beef; Photo taken 1945.

2499 4-H livestock Show. (P.I.) (neg. 456)

2500 4-H livestock Show. (P.I.) (neg. 457)

2501 4-H livestock Show. (P.I.) (neg. 458)

2502 Equipment - General; Photo by R.G. Fowler, Jr., April 1950.

Buckrake on the Max Kleman farm, Salem, is equipped with hydraulic lift from tractor. He uses it to rake orchard pruning clippings, make hay and with the scoop, load manure, etc. Including the cost of the loader, the outfit cost less than \$800. Clifford Kleman demonstrates. (neg. 459)

2503-2504 Home Economics - Clothing; Photos taken 1948.

2503 Cotton dress shop being held at the Red Cross hall in Albany under the direction of Miss Viola Hansen, HDA. The women taking part in the workshop are to be project leaders for local meetings. (neg. 461)

2504 Cotton dress shop being held at the Red Cross hall in Albany under the direction of Miss Viola Hansen, HDA. The women taking part in the workshop are to be project leaders for local meetings. (neg. 462)

2505-2508 4-H - Publicity; Photos taken January 1948.

2505 The 1947 Governor Snell achievement winners, left to right: Bonnie Klein, 18, Aumsville; Bill Headrick, 16 Beaver creek in Clackamas county; and Dr. Wm. E. Snell pictured at the Western Oregon 4-H leaders conference held in Corvallis, January, 1948. (neg. 463)

2506 Left to right: Bonnie Klein, 18, Aumsville, Governor Snell achievement winner; Bill Headrick, 16, Beaver creek in Clackamas county, Governor Snell achievement award winner; Donna Wiederkehr, 17, Jefferson, Bankers Association leadership winner; Dr. William E. Snell; and Dick Larkin, 18, Monroe, Governor Patterson leadership award winner. (neg. 464)

2507 Donna Wiederkehr, 17, Jefferson, Bankers Association leadership award winner; and Dick Larkin, 18, Monroe, Governor Patterson leadership award winner....1947. (neg. 465)

2508 Left, A.L. Mills, Jr., vice-president, U.S. National Bank of Portland, congratulates Mrs. Camalite Weddle, Salem, one her having completed 20 years as a local 4-H club leader. The leadership pin was awarded at the Western Oregon Leaders Conference held in Corvallis in January, 1948. (neg. 466)

2509-2510 Publicity - General; Photos taken February 1948.

2509 1948 officers for the Western Oregon Livestock Association, left to right: Charles A. Evans, Independence, president; V.J. Philippi, vice- president, Roseburg; and Harry A. Lindgren, secretary-treasurer. (neg. 468)

2510 1948 officers for the Western Oregon Livestock Association are, left to right: Harry A. Lindgren, secretary-treasurer; Charles A. Evans, Independence, president; and V.J. Philippi, vice-president, Roseburg. (neg. 469)

2511 4-H Publicity; Photo taken February 1948.

Winner of the 1947 Safeway 4-H Livestock Breeding project contest is Barrie Gassett, 17, Cove, center, and others in the picture are left James Huber, Union county 4-H club agent, and right, L.J. Allen, state club leader. (neg. 470)

2512 Home Economics - Publicity; Photo taken February 1948.

Scene at rummage sale being conducted for Azalea House building fund. Corvallis. (neg. 473)

2513 Publicity - General; Photo taken February 1948.

Marvin Pangborn, president of the Tillamook County Jersey Cattle Club, hands a life membership in the American Jersey Cattle Club to Dave Kennedy, right, Tillamook county 4-H club agent. The membership was presented to Kennedy by former 4-H club members of the county in appreciation for his 25 years service as county club agent. (neg. 474)

2514 4-H - Publicity; Photo taken January 1948.

Two Tillamook county 4-H club workers exchange congratulations on 25 years of service. Mrs. Stanley Coates, left, became the second 4-H club local leader in Oregon to receive a 25-year leaders pin, and Dave Kennedy, right, was honored for having completed 25 years as county club agent. (neg. 475)

2515-2516 Publicity - General; Photos taken January 1948.

2515 County Extension personnel in practice writing period at Portland District News Writing School, January, 1948. (neg. 476)

2516 Mrs. Garnet Ruckman, Imbler, lecturer, Oregon State Grange, presiding at lecture school held at Corvallis. (neg. 477)

2517 Home Economics - Publicity; Photo taken December 1947.

Left to right: Miss Elsa Lindstrom, Swedish home economist; Dean Ava B. Milam; and Mrs. Azalea Sager, state home demonstration leader in Dean Milams Office. (neg. 478)

2518-2519 4-H - Publicity; Photos taken February 1948.

2518 Umatilla County 4-H club leaders and county club agent looking at exhibits at the 1948 Eastern Oregon leaders conference at La Grande. Left to right: Mrs. Fred Long, Echo; Mrs. J.A. Ascherl, Hermiston; Jim Bishop, Umatilla county 4-H club agent; and Mrs. Henry Kopacz, Hermiston. (neg. 479)

2519 Umatilla County 4-H Club agent and leaders around browsing table at 1948 Eastern Oregon leaders conference in La Grande. Left to right: Jim Bishop, Umatilla county club agent; Mrs. John Estoup, Freewater; Mrs. John Spain, Mecham; and Ed Demaris, Milton. (neg. 480)

2520 Horticulture - Berries; Photo taken 1946.

Mr. and Mrs. Frank Kelly and daughter Betty picking loganberries on Hugo Neuman farm. Benton County. (neg. 481)

2521 Publicity - General; Photo taken July 1946.

1946 VFV registering Lane county. Lovina Wilson, Farm labor assistant, Lane county, routes the first three youngsters to register during the Mobilization Day program at the Frances Willard school in Eugene, Wednesday, July 17. The youngsters are left to right, facing table front row: Glenn Cash, 13; Howard Cash, 11; and Don Mickelwait, 13, all of Eugene. (neg. 484)

2522-2524 Horticulture - Berries; Photos by R.G. Fowler, Jr., July 1946.

2522 Jo Ann Metzger, left, checking in strawberry crate with the leader Miss Esther Krupke of the Woodstock platoon working at Troutdale. (neg. 486)

2523 Shirley Gamble, 17, left, and Haroldine DeBord, 16, picking up a crate of raspberries. Boring. (neg. 487)

2524 Kneeling is Stanley Boyer -- one of best strawberry pickers in Portland area. Record: 21 crates of strawberries in 6 hour day. (neg. 488)

2525 Horticulture - Tree Fruits

E.C. Brunk, Rt. 4, salem, inspecting a load of cherries in his Polk county orchard. (neg. 490)

2526-2528 Horticulture - Berries; Photo by R.G. Fowler, Jr., 1946.

2526 Joan Renner, 15, West Linn, transferring blackcaps from her picking carrier to a crate on the John Phillips farm in Carus community of Clackamas county. (neg. 491)

2527 Evelyn Malone, 15, Corvallis, picking loganberries on Hugo Neuman farm in Benton County. (neg. 492)

2528 Mrs. Reba Nye, left, platoon leader, showing Tommy McGee, 12 of Salem how to pick raspberries on the L.W. Scoggins farm in Yamhill county. (neg. 493)

2529-2530 Horticulture - Tree Fruits; Photo by R.G. Fowler, Jr., 1946.

2529 Herman Wilken, part time cherry picker, brings his radio to enjoy music while he works in the E.C. Brink orchard located at Rt. 4 Salem. (neg. 494)

2530 Mr. and Mrs. Ralf Finseth, Dallas, picked a combined total of 22 boxes of cherries on the Frank Farmer orchard, Rt. 1, Rickreall in one day for the combined total earnings of \$21.42.

2531 Horticulture - General; Photo by R.G. Fowler, Jr., 1946.

David Cole, 9, watching Mrs. M.W. Edgehill, berry farmers wife weigh in a crate of raspberries. Looking over shoulder is Mrs. Dorothy Woodworth, in charge of VFV program in Multnomah county. (neg. 496)

2532-2533 Crops - Hops

2532 Mr. and Mrs. H.R. Edgar, 2663 N.W. 26th Court, Portland, picking hops at the R.M. Walker yard near Independence. He is a painter on a vacation. Making \$12-\$14 per day. (neg. 497)

2533 P.M. Osborne, section boss from Salem, watching two weighers holt the hops belonging to Myna Hedrick, 14, DeQueen, Arkansas. (neg. 498)

2534 Equipment - General; Photo taken 1946.

Feeding pea vines into viner, Marion county. (neg. 499)

2535 Horticulture - Berries; Photo taken 1946.

Joan Renner, 15, and Alice Dupasquier, 15 both from West Linn, picking blackcaps in the John Phillips farm in the Carus community of Clackamas county. (neg. 500)

2536 Home Economics - Publicity; Photo taken April 1950.

Members of the Oregon State college home economics extension staff, left to right: Mrs. Margaret Tuller, rural housing; John C. Campbell, rural housing; Miss Agnes Kolshorn, nutrition; Miss Frances Clinton, state extension agent; Mrs. Mabel Mack, state extension agent; Mrs. Azalea Sager, state home demonstration leader; Mrs. Myrtle Carter, home furnishings; Miss Jessalee Mallalieu, recreation; Miss Lucy Lane, clothing and textiles; and Miss Mary Beth Minden, home management. (neg. 501)

2537-2538 Equipment - Harvest; Photos taken 1946.

2537 A photo of women sorting leaves and stems out of the hops on a belt just prior to sacking. (neg. 502)

2538 A photo where the vines are attached to the conveyor. (neg. 503)

2539-2542 Horticulture - Row Crops; some photos by R.G. Fowler, Jr., 1946.

2539 Mrs. W.W. Warner, Jefferson, 76, picking beans in the John Grenz yard. She has worked for him in either hops or beans for 35 years. She picked 177 pounds in a little more than a forenoon. (neg. 504)

2540 Dorothy Butler, 1435 Walters St., Albany, picking beans in the Ammons Bros. Beanyard near Jefferson. In the rear is Clausie Ammons, field boss. (neg. 505)

2541 Dickie Nash, 14, left, from Cromwell, Oklahoma, picking beans on the John Grenz place near Jefferson in Linn County. John Grenz, Jr., is with him. Dickie batches and lives in a tent on the place. Picked 204 pounds in one day. (neg. 506)

2542 Jon Grenz, Route 2, Albany (near Jefferson) weighing in a bag of beans. Mrs. Caroline Schlidmeyer, Salem, is Checker. (neg. 507)

2543-2544 Horticulture - Berries; Photos taken 1946.

2543 Pat Kelly, 13, left, and Jerry Kelly, 11, picking logan berries at the Hugo Neuman berry yard in Benton County. (neg. 508)

2544 Sharon Campbell, 11, Salem, watching Randolph Schoggin, 14, wweigh in a crate of rasberries. (Grand Island section of Yamhill county) (neg. 510)

2545 Crops - Hops; Photo taken in 1946.

Mr. and Mrs. William Rick, Baker, picking at the Mitoma hopyard near Independence. They are oldtimers and have been picking each season for 30 years. He is 77; she, 72; \$12 per day. (neg. 511)

2546-2548 Horticulture - Berries; Photos taken 1946.

2546 Pat Smith, 18, Evelyn Malone, 15, and Agda Malone, 18, left to right, picking logan berries on the Hugo Neuman farm in Benton County. (neg. 512)

2547 A general view of Hugo Neuman logan berry patch. (Benton County) (neg. 513)

2548 Mr. and Mrs. J.J. Schamp, Philomath, picking logan berries. Hugo Neuman farm, Benton County. (neg. 514)

2549-2552 Horticulture - Tree Fruits; Photos taken 1946.

2549 Donna Johnson, 17, Salem, is the best cherry picker in her platoon. \$9.31 for 7 boxes in one 8-hour day. (neg. 515)

2550 Deb Davis, 14, VFV picker in the Creighton Jones orchard, Mission Bottoms. \$7.98 in one day. (neg. 516)

2551 Mrs. Gladys Turnbull and Bob Farmer, orchard boss on the Frank Farmer place, Route 1, Rickreall, inspecting a tree which has broken off

at the trunk by a combination of too much fruit and a partially dead truck. (neg. 517)

2552 Mrs. Turnbull and the cherries. On the E.C. Brunk orchard, Polk County. (neg. 519)

2553-2554 Equipment - Harvest; Photos taken 1946.

2553 Loading peas with a hay loader into a truck, Marion County. Mexicans loading. (neg. 520)

2554 Using caterpillar and pea loader loading vines in a truck going parallel with caterpillar. (neg. 521)

2555-2556 Crops - Grass; photos taken 1946.

2555 S.A. Jackson and Dr. H.J. Anderson. Alta fescue and alfalfa rye. (neg. 522)

2556 S.A. Jackson and Dr. H.J. Anderson. Alta fescue and alfalfa rye. (neg. 523)

2557 Publicity - General; Photo taken 1946.

W.L. Griebler, left, and Herbert R. Sinnard, associate professor of agricultural engineering, at drafting table. (neg. 526)

2558 Conservation - Irrigation; Photo taken 1946.

Pastures of alta fescue, ladino clover, perennial rye, lotus major, and orchard grass mixture. (neg. 530)

2559-2563 Publicity - General; Photo taken June 1944.

2559 Corvallis high school students, about 80 strong, gather at the high school entrance ready to be taken by truck to Benton county beet fields. (neg. 531)

2560 Corvallis high school students, about 80 strong, gather at the high school entrance ready to be taken by truck to Benton county beet fields. (neg. 532)

2562 Corvallis high school students, about 80 strong, gather at the high school entrance ready to be taken by truck to Benton county beet fields. (neg. 534)

2563 Logan berry pickers take a time out for a drink. (neg. 535)

2564-2565 Horticulture - Berries; Photos taken Benton County, 1944.

2564 A view of a logan berry picker using a carrier holding a crate. (neg. 536)

2565 A logan berry picker using a carrier which holds a full crate. (neg. 537)

2566-2567 Publicity - General; Photos taken 1944.

2566 A platoon of Corvallis youngsters await transportation to Benton County truck crop fields near the County Farm Labor Office. (neg. 538)

2567 Benton County. Mexicans. (neg. 539)

2568 Home Economics - Publicity; photo taken April 1950.

In 1950, the Oregon State college home economics extension staff looked like this. Seated, left to right: Miss Jessalee Mallalieu, recreation; Mrs. Mabel Mack, state extension agent; Mrs. Azalea Sager, state home demonstration leader; Mrs. Margaret Tuller, rural housing; Mrs. Myrtle Carter, home furnishings; and Miss Frances Clinton, state extension agent. Back Row: John C. Campbell, rural housing; Miss Agnes Kolshorn, nutrition; Miss Lucy Lane, clothing and textiles; and Miss Mary Beth Minden, home management. (neg. 540)

2569-2570 Publicity - General; Photos taken 1944.

2569 Mexicans, Benton County. (neg. 541)

2570 Mexicans, Benton County. (neg. 542)

2571-2572 Crops - General; Photos taken 1944.

2571 Mabel and Jesse Blackwell cutting strings on fibre flax after it has been retted, preparatory to drying in tepees. (Benton County) (neg. 543)

2572 Women handle most of the work with the fibre flax deseeding machines at the Benton County Flax Growers Cooperative. (neg. 544)

2573-2574 Crops - Hops; Photos taken 1946.

2573 Frank Ernst, second left, and wife, fourth left with their family working on the Horst Hop Ranch near Independence. He is a carpenter; she is a nurse; they are vacationing. Kids are Johnny, 11 left; Alice Marie, 16, light shirt; Mary Ann, 13, fifth from left; twins Lue and Sue, 15: and Paul, 9, foreground right. (neg. 545)

2574 Mr. and Mrs. H.L. Worley from Longview, Washington picking hops at the Mitoma Hop Yard near Independence. He is a Texan; she is a Minnesotan. He was a marine private during the war and saw service at Bremerton, Washington. Now, he is a second rigger in the woods and is picking hops while the woods are closed as a fire precaution. \$8.13 one day -- August 21. (neg. 546)

2575 Horticulture - Nuts; Photo taken October 1945.

Filbert pickers--coeds, Benton County. (neg. 547)

2576 Publicity - General; Photo taken October 1945.

Filbert pickers--coeds, Benton County. (neg. 548)

2577 Horticulture - Nuts; Photo taken October 1945.

Filbert pickers--coeds, Benton County. (neg. 549)

2578 Home Economics - General; Photo taken May 1950.

Examining hoked rugs exhibit at 1950 Benton county Homemakers festival are left to right: Mrs. Clayburn Poole, Hoskins; Mrs. Leonard Adamson, Philomath, in charge of the booth; and Mrs. G.A. Pruitt, Plymouth; and Mrs. Bertha Brown, Lincoln. (neg. 550)

2579 Home Economics - Organizations; photo taken May 1950.

Benton county Azalea house booth at 1950 Homemakers festival. Left to right, Mrs. Mynard Newton, Corvallis Mountain View Unit, chairman of the county Azalea house commttee; and Mrs. Clarence Hull, Corvallis, Independent-Beaver unit, vice-chairman. (neg. 551)

2580-2587 4-H - Publicity; Photos taken by R.G. Fowler, Jr., March 1948.

2580 A.L. Mills, Jr., first vice-president of U.S. National Bank of Portland, shown with two 25-year local leader service award winners at the annual Lane County 4-H Club leaders banquet held in Eugene. The women, left to right, are Mrs. Retta Otto, Eugene; Miss Lelah Parks, Eugene; and Mrs. Milton Walker, Eugene, president of the Lane County 4-H local leaders association. (neg. 552)

2581 A.L. Mills, Jr., first vice-president of U.S. National Bank of Portland, shown with two 25-year local leader service award winners at the annual Lane County 4-H Club leaders banquet held in Eugene. The women, left to right, are Mrs. Lelah Parks, Eugene; Miss Rett Otto, Eugene; and Mrs. Milton Walker, Eugene, president of the Lane County 4-H local leaders association. (neg. 553)

2582 Left, A.L. Mills, Jr., first vice-president of the U.S. National Bank of Portland, presenting local leaders service pins at the annual Lane County local leaders banquet held in Eugene, March 27, 1948. (neg. 554)

2583 Left, A.L. Mills, Jr., first vice-president of the U.S. National Bank of Portland, making two 25-year local leaders service pin awards at the Lane County annual local leaders banquet held in Eugene, March 27, 1948. Pins were received by Mrs. Retta Otto, Eugene, center; Miss Lelah Parks, Eugene, right. Both leaders are principals of Eugene Junior High Schools. (neg. 555)

2584 Candle lighting ceremony presented at the Lane County local 4-H leaders banquet in Eugene, March 27, 1948. (neg. 556)

2585 Left, A.L. Mills, Jr., presenting local leaders service pin at the annual Lane County local leaders banquet in Eugene, March 27, 1948. (neg. 557)

2586 E.A. Danielson, Lane County 4-H Club agent, seated before 4-H insignia receiving the scroll of names and desk fountain pen set from two of his local club memebers at the annual Lane County local 4-H Club leaders banquet held March 27, 1948 in Eugene. (neg. 558)

2587 Miss Melba Maston, Assistant 4-H Club Agent, pinning ribbons on Lane County 4-H Club champions at the annual leaders banquet held March 27, 1948 in Eugene. (neg. 559)

2588-2589 Home Economics - General; Photos by R.G. Fowler, Jr., May 1950.

2588 Suits and coat being modeled at 1950 Benton county homemakers festival. Left to right: Mrs. John Lyda, Plymouth; Mrs. Ed Jorgenson, Willamette; Mrs. Alice Priest, Wren; and Mrs. Allenm Gueber, Mountain View. (neg. 560)

2589 At 1950 Benton county homemakers festival, Mrs. C.L. Skillings, Plymouth, with bottle, is demonstrating to Mrs. R.L. Handy, Sr., Philomath, methods used in material dyeing. (neg. 562)

2591-2594 Horticulture - Row Crops; Photos taken by R.G. Fowler, Jr., 1947.

2591 A family of bean pickers on Sauvies Island. Dennis Smith, 17, picked 409 pounds; his brother, John, 16, picked 341 pounds. Their mother is Mrs. Silene Smith. Columbia county. (neg. 566)

2592 Platoon of pickers buys in wax bush bean field on Sauvies Island. (neg. 567)

2593 Betty jane Sannes, 16, 3624 N.W. Tunis, Portland, and Lynn Clements, navy veteran, 3018 N.W. Luzon, Portland, in Sauvies Island bean field, Columbia County. Clements picked over 400 pounds, Miss Sannes over 300 pounds, in one day. (neg. 568)

2594 A group of members of a negro platoon working in bean fields near Scappoose. Rev. M.C. Cheek, pastor of Guilds Lake Community Church, is leader of his flock in bean field as well as in the church. His platoon is amont best pickers. (Columbia County) (neg. 569)

2595 Publicity - General; Photo taken 1947.

Miss Velma Jones, 18, Scappoose, takes time out from picking beans to get a drink of water at the sanitary water supply in the bean field on Scappoose dikeland. Mrs. Anne Seal, St. Helens, platoon leader looks on. (neg. 570)

2596-2598 Horticulture - Row Crops; Photo by R.G. Fowler, Jr., 1947.

2596 Sauvies Island bean field. Robert Cody, William Gross, Platoon Leader Mrs. Agnes Mahoney, Platoon Leader Mrs. Maye Muir. Dorothy Woodworth, and Platoon Leader Mrs. Frank Meyers, Columbia County. (neg. 571)

2597 Lloyd Ebert, 15, 445 S. 11th St. Helens, Being instructed in picking methods by Bertha Cooper, St. Helens, platoon leader. On his first day Lloyd picked 67 pounds in three hours. Columbia county. (neg. 572)

2598 Mrs. Kennel, 3603 . Palmyra, Portland, platoon leader, and Mrs. Rosalee Corey, 3903 Bataan St., Portland, in Scappoose, Columbia county. (neg. 573)

2599 Crops - Potatoes; Photo taken 1947.

Mexicans picking potatoes on lake bottom farm belonging to Scott Warren, Klamath Falls. (neg. 574)

2600 Equipment - General; Photo taken 1947.

Barracks from Japanese Relocation Center, on farm of Earl W. Mack, Spring Lake district, Route 1, Klamath Falls. (neg. 575)

2601-2603 Equipment - General; Photos taken 1947.

2601 Potat-O Combine, manufactured by Frank Bell Machinery Co. On one of Wilson Farms, Malin. Three women on rear platform throw out vines and weeds. (neg. 576)

2602 Sorting potatoes on one of Wilsons farms, Malin. Potatoes are dug with bulker. Klamath county. (neg. 577)

2603 Sorting potatoes, warehouse, near Klamath Falls. Klamath county. (neg. 578)

2604-2605 Publicity - General; Photos taken 1947.

2604 Children in school at Malin farm labor camp. School opened Sept. 3 and will operate until school closes. It takes children up to the 6th grade and is operated under the Klamath County school system. (neg. 579)

2605 School for children of potato harvest workers at Malin farm labor camp. Course is conducted the same as in other county schools. Teachers are Mrs. Mildred Lahota and Mrs. Bessie Cornett, both of Malin. One- room school is former barracks building moved from Tulelake Relocation Center. (neg. 580)

2606-2608 Equipment - General; Photos taken 1947.

2606 Barracks from Japanese Relocation Center, now furnishing housing for farm labor on Bryant Williams farm. Klamath County. (neg. 581)

2607 Potatoes, dug by Potat-O Combine, being unloaded from hopper, preparatory to sorting. Wilson Farms, Malin. Klamath county. (neg. 582)

2608 House for permanent help, remodeled from former Japanese barracks, on W.M. Kaylor farm near Klamath Falls. House includes four rooms and bath. It measures 20 x 40 feet. (neg. 583)

2609 Equipment - Harvest; Photos taken 1947.

Massey-Harris pusher type combine harvesting barley on Tulana Farms, Worden. Klamath county. (neg. 584)

2610 Publicity - General; Photo taken 1947.

Miss Zelpha Henderson, Walla Walla, conducts nursery class for pre-school age children at Malin farm labor camp. She represents the Home Missions Council of North America. Klamath County. (neg. 585)

2611-2612 Horticulture - Row Crops; Photo taken 1947.

2611 Dick French, Herman Darley, George Birrell, Russel Adams and Eldon Morse in bean field, West Stayton, Marion county. (neg. 586)

2612 Herman Darley, bean grower, explains things to George Birrell, selected by him as yard foreman. Marion county. (neg. 587)

2613 Home Economics - Clothing; Photo taken May 1950.

Style review scene at 1950 Benton county homemakers festival. With her two children is Mrs. Mary Bell, Fairplay unit. The youngsters are Wynn, 4.5 and Esther, 3. They are modeling clothing made by Mrs. Bell. (neg. 588)

2614 Home Economics - General; Photo taken May 1950.

Suits and coat being modeled at 1950 Benton county homemakers festival. Left to right, Mrs. John Lyda, Plymouth; Mrs. Ed Jorgenson, Willamette, Mrs. Alice Priest, Wren; and Mrs. Allen Guerber, Mountain View. (neg. 589)

2615 Horticulture - Row Crops; Photo by R.G. Fowler, Jr., 1947.

Eldon Morse, foreman candidate observes Russel M. Adams demonstrated bean picking methods. Marion county. (neg. 590)

2616-2620 Equipment - Harvest; Photos taken 1947

2616 Taking out of the last trash before hops go into sacks. McLoughlin hop-picking machine near Independence. (neg. 591)

2617 Hops being lifted from truck, before being fed into hop-picking machine of McLoughlin, near Independence. (neg. 592)

2618 Feeding hops onto belts, before going to picking drums. McLoughlin hop-picking machine near Independence. (neg. 593)

2619 Recleaner of McLoughlin hop-picking machine in operation. Polk county. (neg. 594)

2620 Crops - Hops; Photo by R.G. Fowler, Jr., 1947.

Mr. and Mrs. Leonard Ward, Portland, picking hops on W.H. Walker yard near Independence. The two of them made \$32 their best day and averaged \$28 to \$30. (neg. 595)

2621 Home Economics - General; Photo taken 1950.

One of the working exhibits at 1950 Benton county homemakers festival is this hooked rug exhibit. Left to right: Mrs. A.R. Kopplien, Philomath; Mrs. Oliver Green, Philomath; Mrs. Edward Binder, Plymouth; and onlooker Mrs. John Stokes, Lincoln. (neg. 596)

2622 Equipment - Harvest; Photo taken 1947.

International beet harvester in operation Lou Pratt farm, on new land near Adrian. Malheur county. (neg. 597)

2623-2625 Equipment - General; Photos taken 1947.

2623 Loading onions on Frank Urius farm, Weiser (Oregon side of the river) Malheur county. (neg. 598)

2624 Olson Roto-Beater on Dewey Patton sugar beet farm near Ontario. Machine beats off the beet tops. It is also used to knock off potato vines to hasten maturing. Malheur county. (neg. 599)

2625 Cottages for permanent help on Thoma T. Itamis farm, route 2, Payette (Oregon side of river) Malheur county. (neg. 600)

2627-2628 Equipment - Harvest; photos taken 1947.

2627 John Deere loader in operation on Earl Heebs farm near Ontario. Malheur county. (neg. 601)

2628 Loading sugar beets on Earl Heebs farm near Ontario. Malheur county. (neg. 602)

2629 Horticulture - General; Photo taken 1947.

Field of onions, Frank Urius farm, Weiser. (Oregon side of river) Malheur county) (neg. 603)

2630 Equipment - Harvest; Photo taken 1947.

Working on Earl Heebs Farm near Ontario. (neg. 604)

2631 Home Economics - Food; Photo taken May 1950.

Oregon state sweets exhibit at the 1950 Benton county housemakers festival. Shown behind display are, left to right, Mrs. W.L. Woods, Wren; Mrs. Frank Kochis, Hoskins; Mrs. Floyd Peters, Fairplay; and Mrs. A.F. Beardsley, Albany. (neg. 605)

2632 Equipment - General

Women Ironing at Coburg farm labor camp. Eva Lou Sparks, 13, Lebanon, at left, and Mrs. Walter Griffen, Eugene. Lane county. (neg. 606)

2633 Publicity - General; Photo taken 1947.

Farm Labor Information Station at Junction city. (neg. 607)

2634 Equipment - General; Photo taken 1947.

Coburg farm labor camp, operated by growers in cooperation with Oregon State College extension service. (neg. 609)

2635 Publicity - General; Photo taken 1947.

Entrance to Coburg farm labor camp. Lane county. (neg. 608)

2636 Buildings - Farmsteads; Photo by R.G. Fowler, Jr., May 1950.

View of Virgil Larson home and ranch buildings near Mikkalo, Gilliam county. House contains 5,500 square feet of floor area and is equipped with radiant heating. (neg. 610)

2637-2638 Equipment - Harvest; Photo taken 1947.

2637 Filbert picking machine, Frank Harlow orchard, near Eugene, showing suction nozzles to pick up nuts from ground that has been previously rolled. Machine made in 1945 but operated first time in 1946. (neg. 611)

2638 Corn loader in field belonging to Carson and J.P. Adams, rt. 3, Junction City. Previous day crew picked 57 tons of corn, loaded into truck on belt. Corn going 6 tons to acre. (neg. 612)

2639 Equipment - General; Photo taken 1947.

Filbert picking machine in operation of Frank Harlow orchard, near Eugene. Machine was made by John Swafford, engineer with Eugene Fruit Growers, from design worked out by R.N. Lunde, Oregon State College. (neg. 613)

2640 Publicity - General; Photo by R.G. Fowler, May 1950.

Portion of the crowd attending the conservation field day on the farm of Virgil Larson, Mikkalo, listening to County Extension Agent Ernest Kirsch, far left, discuss nitrogen fertilizer trials on crested wheatgrass. (neg. 614)

2641 Equipment - General; photo taken 1947.

Table beets being loaded, Cliff Winther farm, Junction City. Beets are pulled by hand, tossed onto the conveyor which takes them through the rollers to take off top. Then loaded onto truck. Lane county. (neg. 615)

2642 Crops - General; Photo taken 1947.

Sweet corn being dumped into truck, Carson and J.P. Adams farm, Junction City. Carson Adams made loader, which has been widely copied by farmers in vicinity. (neg. 616)

2643 Equipment - General; Photo taken 1947.

Frank Harlow sits on sacking platform of filbert picking machine in orchard he operates near Eugene. Machine requires two men to operate, will pick about three tons per day. Lane County. (neg. 617)

2644 Equipment - Harvest; Photo taken 1947.

Corn loader in field belonging to Carson and J.P. Adams, Rt. 3, Junction City (Lancaster area). Loader takes 16 rows at a time, with crew tossing ears onto belt. Loader is carried on tractor. (neg. 618)

2645 Equipment - General; Photo taken 1947.

Lane County. Filbert picking machine, showing rotating squirrel cage to get rid of dirt, stems, etc. From cage nuts are conveyed toward sacking platform. (neg. 619)

2646-2647 Publicity - General

2646 Miss Agnes Kolshorn, in charge of the womens program, registers Marcelline Mitchell. Washington County. (neg. 620)

2647 Shade, water and tables help make the lunch period enjoyable. Some prefer to eat in groups up on the hillside. Washington county. (neg. 621)

2648a Horticulture - Tree Fruits

Lafollette shows Buddy Greason and Robert Young how to prop peach trees. They earn \$0.65 per hour to start with and \$0.75 later. (neg. 622)

2648b Horticulture - General

Barclay Henderson has 26 acres of cannery beans in this field where several organized platoons as well as family groups work. Washington county. (neg. 624)

2648c Horticulture - Tree Fruits

Carl Lafollette has a crew of boys thinning apples. They do a good job, he reports. (neg. 623)

2649 Equipment - General

General view of a lunch area where water is provided. The bean field is seen through the trees. Washington county. (neg. 625)

2650 Equipment - Spray; Photo by R.G. Fowler, Jr., May 1950.

Weed sprayer equipped with hand raised and lowered booms owned by Virgil Larson, Mikkalo, Gilliam county wheat rancher. Boom is 36 feet and contains 22 nozzles. Wheel base of the tractor has been widened in order that drums can be attached and the tractor will still have a low center of gravity for safety on sidehills. Booms may be lifted or lowered as equipment travels on steep slopes, thereby reducing wind drift. Four drums containing 200 gallons of 2,4-D mix will cover 25 aces figuring at the rate of 8 gallons of coverage per acre. (neg. 627)

2651-2652 Home Economics - Clothing; Photos by R.G. Fowler, Jr., May 1950.

2651 Clothing made in project workshops by Mrs. Orris Carnegie, Albany, center, for her mother, Mrs.

Leslie Stellmacher, and her daughter Judith, 4, is modeled on the Memorial Union front steps. (neg. 628)

2652 Clothing made in project workshops by Mrs. Orris Carnegie, Albany, center, for her mother, Mrs. Leslie Stellmacher, and her daughter Judith, 4, is modeled on the Memorial Union front steps. (neg. 629)

2653 Equipment - General; Photo by R.G. Fowler, Jr., 1947.

Hillsboro farm labor camp erected after World War II. (neg. 630)

2654-2658 Home Economics - Clothing; Photos by R.G. Fowler, Jr., May 1950.

2654 Clothing made in project workshops by Mrs. Orris Carnegie, Albany, center, for her mother, Mrs. Leslie Stellmacher, and her daughter Judith, 4, is modeled on the Memorial Union front steps. (neg. 631)

2655 Scene taken during the Marion County Homemakers Festival, May 13, 1950 at Salem. (neg. 632)

2656 Scene taken during the Marion County Homemakers Festival, May 13, 1950 at Salem. (neg. 633)
2567

2658 Scene taken during the Marion County Homemakers Festival, May 13, 1950 at Salem. (neg. 635)

2659 Home Economics - General; Photo by R.G. Fowler, Jr., May 1950.

Exhibit at 1950 Marion County Homemakers Festival, Salem. (neg. 636)

2660-2663 Publicity - General; Photos by R.G. Fowler, Jr., 1946.

2660 Salem group inspecting Salem airport which is used to house migrant farm laborers. Harry Weinstein-Exec. Sec., Salem Farm Labor Council (light coat), Guy Hickock--Mgr., Salem Br. 1st Natl Bank of Portland (dr hat and suit), O.B. Hardy--Area Representative, Labor Branch, Prod & Mkt, USDA, Gerald Nibler, county agent-(short jacket) (neg. 638)

2661 Salem group inspecting salem airport which used to be used to house migrant farm laborers. Left to right: O.B. Hardy, OSC; Guy Hickok, Salem; Harry Weinstein, Salem. (neg. 639)

2662 Salem group inspecting salem airport which used to be used to house migrant farm laborers. (neg. 640)

2663 Salem group inspecting salem airport which used to be used to house migrant farm laborers. (neg. 641)

2664 Home Economics - General; Photo by R.G. Fowler, Jr., May 1950.

Exhibit at 1950 Marion County Homemakers Festival, Salem. (neg. 642)

2665 Publicity - General; Photo by R.G. Fowler, Jr., 1946.

A migrant farm worker shops the bulletin board in the Portland farm labor office. (neg. 643)

2667 Home Economics - Clothing; Photo by R.G. Fowler, Jr., May 1950.

Scene taken during Marion County Homemakers Festival, May 13, 1950 at Salem. (neg. 645)

2668-2669 Horticulture - General; Photos taken 1943.

2668 High school boys working on prune washer and sizer in Minty plant. (neg. 647)

2669 Exterior view of modern prune dehydrator owned by George Minty, Dallas, Polk county. (neg. 648)

2670 Publicity - General; Photo taken 1943.

Bryant Williams, farm labor assistant, and Preston Daughton, USES representative, arrange with S.E. Starr and K.A. Bursell for Mexican workers. Polk county. (neg. 649)

2671 Equipment - General; Photo by R.G. Fowler, Jr., May 1950.

Emil McMinnville, is shown using compressed air grain treater owned by Miller Bros., McMinnville.

Dust is placed in welded pipe (foreground) and blown under 150 pounds pressure through 30 inch hollow steel rod equipped with cut- off being used by McKenzie. To treat a sack of grain, the rod is pushed slowly down and back a sack of seed grain. Air forces dust through grain. McKenzie has treated 100 sacks in 10 minutes. It will also work on bulk grain. Standing time is required after treatment to gain full effects of fumes. (neg. 650)

2672 Horticulture - General; Photo taken 1943.

Stacked trays of prunes ready to be wheeled into drying tunnel. Polk county. (neg. 651)

2673 Horticulture - Tree Fruits; Photo taken 1943.

Mexican at work picking prunes. Polk county. (neg. 652)

2674 Publicity - General; Photo taken 1943.

Kennedy, manager of Horst Hop yard, and Bryant Williams, farm labor assistant, at Horst headquarters. Polk county. (neg. 654)

2675 Fertilizer - Applicators; Photo by R.G. Fowler, Jr., May 1950.

Albert Greener, Hillsboro, has spread 16-20 fertilizer over 60 acres in 9 hours using his tandem spreaders shown which cover a 35 foot swath. Man on tractor trailer keeps spreaders full by shoveling as outfit is in motion. (neg. 655)

2676 Horticulture - Tree Fruits; Photo taken 1943.

One man per tree was the usual rule in picking up prunes. Polk county. (neg. 656)

2677-2679 Publicity - General

2677 One group returning to the camp in the evening after a full days picking. Photo taken 1943. (neg. 658)

2678 A truckload of mixed adults and children workers loading up in the morning to go to work. (neg. 659)

2679 A modern portable hot water unit supplies an abundance of hot water for the mens and womens shower tents shown in the rear and for the clothes washing center at right. (neg. 660)

2680 Equipment - General

Looking down Apple Street in the camp at Coburg. Between 265 and 300 were housed in the camp. (neg. 661)

2681 Horticulture - Rows

County Agent Fletcher discusses situation with platoon leader, Emily Gropp, who had 24 in her platoon that day. (neg. 662)

2682 Equipment - General

This camp for migratory farm labor is located near Coburg. It is officially called a farm labor supply center and is operated by the Office of labor of the W.F.A. (neg. 663)

2683 Horticulture - Row Crops

Mr. E.M. Henshaw talks over the days picking program with platoon leader, Miss Vera Mannel, who has 40 pickers in her platoon that day. (neg. 665)

2684 Publicity - General; Photo taken in 1944.

Mrs. Mabel Mack, supervisor of the Womens Land Army in Oregon and Miss Florence L. Hall, chief of the Womens Land Army, visit the office force at the Coburg farm labor camp. (neg. 666)

2685 Equipment - General; Photo taken in 1944.

A general view of the Coburg farm labor camp showing office buildings on the left. Lane county. (neg. 667)

2686 Horticulture - Row Crops; Photo taken 1944.

Miss Florence L. Hall, chief of the Womens Land Army, visits with Mrs. C.W. Largent of Eugene in a Lane county bean field. Mrs. Largent and her husband, who worked with her, picked about 300 pounds of beans per day. They have three children. (neg. 668)

2687-2688 Publicity - General; Photos taken 1944.

2687 Bean pickers living temporarily at the Extension Service farm labor camp at Coburg, watch a movie shown by Assistant County Agent Dan Young. Lane county. (neg. 669)

2688 Harry Bower, (left) Lane county farm labor assistant, and a group of Eugene youngsters who have finished a day of picking beans. (neg. 671)

2689 Dairy - Pastures; Photo by R.G. Fowler, Jr., May 1950.

Left to right, Rex Warren, OSC extension farm crops specialist; Palmer Torvend, Washington county extension agent; and Fred Knox, Gaston dairyman, examining Knoxs alta fescue pasture. (neg. 672)

2690 Horticulture - Row Crops

Youthful bean pickers pumping a drink of water. (neg. 673)

2691 Publicity - General; Photo taken 1944.

The Lane county farm labor office staff. (neg. 674)

2692 Horticulture - Row Crops; Photo taken September 1945, Lane County.

Two of the top pickers from the Woolworth store in Eugene who answered the call for bean pickers when Eugene stores closed for help in the harvest. Genevieve Eaton (left) picked 421 pounds in five hours Sunday afternoon and 4 hours Monday morning, August 26 and 27. She won the Woolworth prize of \$5.00 for the best picker. Barbara Guggisberg ranked second with 389 pounds. (neg. 675)

2693 Publicity - General; Photo taken Lane County.

Three women from county agent office recruit five others for afternoon work. Women from agricultural conservation staff are: Mrs. Geneva Dix, Mrs. Louise Johnson and Marie Sakariason. Mr. Johnson, rear is manager of Gilberts Shoe store. (neg. 676)

2694 Equipment - Harvest; Photo by R.G. Fowler, Jr., May 1950.

Field chopper and wagon making grass silage on the Grimes Bros. Farm, Harrisburg. (neg. 678)

2695 Equipment - Irrigation; Photo by R.G. Fowler, Jr., May 1950.

Tractor powered Parma pump being demonstrated during an irrigation field day on the Charles Swango farm near Coburg in Lane county. Capacity: 1,100 gallons per minute. (neg. 679)

2696 Horticulture - Row Crops; Photo taken 1944.

Mrs. Don Cladwell of Junction City who averaged about 300 pounds of beans a day for 21 days. Her son is in the Air Corps. (neg. 680)

2697 Equipment - Irrigation; Photo by R.G. Fowler, Jr., May 1950.

Wheeled aluminum pipe irrigation outfit. It was demonstrated during an irrigation field day on the Charles Swango farm near Coburg in Lane county. Moving is done by means of a ratchet on middle wheel. (neg. 681)

2698 Horticulture - Row Crops

Part of the Garboden bean field with pickers at work and sacked beans in the foreground. Lane county. (neg. 682)

2699 Publicity - General; Photo taken 1944.

Platoon youngsters loading early in the morning and headed for Lane county bean fields. (neg. 683)

2700a Horticulture - General

Working at this can filling unit are J. Wesley Haines, city school auditor, Carl Groat, shop foreman Chev. Co., Rex Faust, member of the U.S. Engrs. Staff, and Corothy Johnston, regular cannery worker. (neg. 685)

2700 Horticulture - Row Crops

Platoons are also being used to pick cucumbers. This platoon is lead by Bob Christner. (neg. 684)

2701 Horticulture - General

The Three men dumping tipped beans in the machine are Harold Moell, National Bisquit Co. Salwsman, C.J. Simmons, Pacific Motor Trucking official and D.W. Clements, lumber grader. (neg. 686)

2702 Publicity - General

Two loads of afternoon pickers, both adults and children, leaving for bean fields of Joe De Rossa and Cecil Jeans. (neg. 687)

2703-2705 Horticulture - General

2703 Helping tuck the beans away from the receiving platform is Herbert Enel, U of O college student. (neg. 688)

2704 Handling a big bean crop in the cannery is helped by the organization of a business and professional mens short shift that works from 7 to 11 P.M. County school superintendent L.C. Moffit shwon here trucking beans. (neg. 689)

2705 These two men on the bean tippers are H.H. Hughes, SP locomotive engineer, and Walter Sorenson, sawyer in the Springfield Plywood mill. (neg. 690)

2706-2607 Horticulture - Row Crops

2706 Three junior high school members Miss Lovina Wilsons platoon having lunch. There were 42 in this platoon. Lane county. (neg. 691)

2707 The days work in the cucumbers is finished about 2 oclock so the crew loads up to go over the river for a swim before returning to Eugene. (neg. 692)

2708 Equipment - Irrigation; Photo by R.G. Fowler, Jr., May 1950.

Wheeled aluminum pipe irrigation outfit. It was demonstrated during an irrigation field day on the Charles Swango farm near Coburg in Lane county. Moving is done by means of a ratchet on middle wheel. (neg. 693)

2709 Horticulture - General

Another weighing scene. (neg. 694)

2710-2713 Horticulture - Row Crops

2710 Weighing the beans is done by Loyal Garboden, with Mrs. Paul Garboden recording the weights. (neg. 696)

2711 Miss Mannel explaina how the vine must be held with one hand, while the beans are pulled off with the other and dropped in the pail left on the ground. Photo taken at Lane County. (neg. 697)

2712 Mrs. Guy Miller of Lebanon assists with the tomato harvest on E.R. Liggets thirteen-acre patch. (neg. 698)

2713 Mrs. Ed Jansen of Lebanon joined other town women in helping pick tomatoes on E.R. Leggets thirteen acre patch near Lebanon. Photo taken at Linn County. (neg. 699)

2714 Equipment - Irrigation; Photo by R.G. Fowler, Jr., May 1950.

Wheeled aluminum pipe irrigation outfit. It was demonstrated during an irrigation field day on the Charles Swango farm near Coburg in Lane county. Moving is done by means of a ratchet on middle wheel. (neg. 700)

2715-2720 Publicity - General; Photo by R.G. Fowler, 1946.

2715 R. Lose--Clackamsas county, advises with platoon Leader Foremen. (neg. 701)

2716 A farm labor sign at one of the highway entrances to Medford. Jackson county. Photo taken October 1944. (neg. 702)

2717 Farm Labor recruiting window in Millers Dept. Store, Salem. (neg. 703)

2718 Ed Castillo, 12, left and Kent Bradshaw, 13, both of Salem walking with strawberry carriers. Ed picked 18 carrier and Kent 16 in one six hour day. @ \$0.42 per carrier. L.W. Scoggin farm, Grand Island districk of Yamhill county. (neg. 704)

2719 Seated is Eva Marie Johnson, platoon leader of No. 3 platoon, registering Marilyn Marks, 12, Lila Mae Fox, 11, Doris Jean Nelson, 12, all of Eugene(left to right) Picture was taken in the gym of the Frances Willard school in Eugene during Mobilization day July 17, 1946.

2720 Japanese field worker. Ontario, Malheur county. (neg. 706)

2721 Horticulture - Row Crops; Photo taken May 1946.

Japanese weeding onion in Malheur county. (neg. 707)

2722-2723 Publicity - General; Photos by R.G. Fowler, Jr., May 1946.

2722 Transported Mexican National sugar beet worker. Malheur county. (neg. 708)

2723 Indian Strawberry picker near Gresham. (neg. 709)

2724 Equipment - Irrigation; Photo by R.G. Fowler, Jr., May 1950.

Portable irrigation sprinkler outfit in use during an irrigation field day at the Charles Swango farm near Coburn in Lane county. (neg. 710)

2725 Equipment - General; Photo taken 1946.

General Camp scene. Nyssa POW camp. (neg. 711)

2726-2729 Publicity - General; Photo by R.G. Fowler, Jr., May 1946.

2726 Dispatching POWs from Nyssa camp. (neg. 712)

2727 Dispatching POWs from Nyssa camp. (neg. 713)

2728 Dispatching POWs from Nyssa camp. (neg. 714)

2729 Seated, left to right: Betty Oswald, left and Helen Hodgins, three year platoon leaders in Lane county. Standing: Lovain Wilson, farm labor assistant in charge of VFV activity on Lane county and Winfield Atkinson, Farm Labor Assistant. (neg. 715)

2730 Equipment - Irrigation; Photo by R.G. Fowler, Jr., May 1950.

Irrigation pump and portable sprinkler outfit being demonstrated during an irrigation field day on the Charles Swango farm, near Coburg in Lane county. (neg. 716)

2731-2732 Equipment - General; Photos by R.G. Fowler, Jr., May 1950.

2731 Irrigation ditch cleaner built by reversing a blade on front end of tractor. Utilizing the tractor hydraulic system, the blade is lowered and raised. To clean a ditch, the tractor is driven to the edge of the water and the blade lowered; then by backing, the ditch bottom is scrapped clean. With another attachment--a scoop--the outfit shown handled manure. Parts: \$150. He has cleared a half mile of ditch in four hours. (neg. 717)

2732 Merrill Farm Labor Camp. Photo taken August 31, 1944. (neg. 720)

2733 Publicity - General; Photo by R.G. Fowler, Jr., 1946.

Salem Airport Camp. Photo by R.G. Fowler, Jr., 1946. (neg. 719)

2734 Crops - Potatoes; Photo taken Klamath County.

Closeup showing style of picking belt, to which sack is fastened and dragged between the logs. Photo taken at Klamath County. (neg. 720)

2735 Horticulture - Row Crops; Photo taken Klamath County, 1943.

Onions are laid out carefully with tops over bulbs to prevent sunburn.(neg. 721)

2736-2737 Equipment - General; Photo taken October 1944.

2736 A view of the extension farm labor camp at Merrill. Klamath county. (neg. 722)

2737 Irrigation ditch cleaner built by reversing a blade on front end of tractor. Utilizing the tractor hydraulic system, the blade is lowered and raised. To clean a ditch, the tractor is driven to the edge of the water and the blade lowered; then by backing, the ditch bottom is scrapped clean. With another attachment--a scoop--the outfit shown handled manure. Parts: \$150. He has cleared a half mile of ditch in four hours. (neg. 723)

2738-2741 Crops - Potatoes; Photos taken 1943.

2738 The loading platform where an average of one can every 55 minutes was being filled. Klamath county. (neg. 724)

2739 One of the typical storage cellars with dirt roof. Note row of ventilators. Klamath county. (neg. 725.)

2740 Sacks from the field being trucked to the sorting and shipping warehouse operated by the Cal-Ore packing company. Klamath county. (neg. 726)

2741 Sacking and weighing one of the grades of potatoes off the end of the grader. Klamath county. (neg. 727)

2742 Equipment - Harvest; Photo taken October 1944.

A crew of 7 German prisoners-of-war operating the potato bulker on the Frank Bell farm just across the state line in Tulelake. (neg. 728)

2743 Publicity - General; Photo by R.G. Fowler, Jr., June 1950.

Ben Newell, Marion county extension agent, is shown standing beside office slide viewer and poster used in county tansy ragwort control campaign. (neg. 729)

2744 Equipment - General; Photo taken Klamath County, 1943.

Inside one of the dormitory buildings showing type of sleeping quarters provided. (neg. 730)

2745 Publicity - General; Photo taken Klamath County, 1943.

One of the streets in the camp which was formerly used by the CCC. (neg. 731)

2746 Equipment - General; Photo taken Klamath County, 1943.

View of the Merrill Mexican camp looking south. (neg. 732)

2747 Crops - Legume; Photo taken Klamath County, 1943.

A harvest scene in an alsike clover seed field near Malin. (neg. 733)

2748-2749 Equipment - Harvest; Photos taken Klamath County, 1943.

2748 Another type of potato combine with self-contained power unit. (neg. 735)

2749 View of digger and sacker from above. (neg. 736)

2750-2753 Crops - Potatoes; Photos taken Klamath County, 1943.

2750 Assistant County Agent Bob McCambridge examining the onions. (neg. 737)

2751 Mexicans put spuds into half-sacks for trucks to pick up. (neg. 738)

2752 Roy Brown, foreman, in a car of Klamath U.S. No. 1 spuds bound for San Francisco. (neg. 739)

2753 Part of 65-acre onion field owned by West & Lyon being harvested by Mexicans. (neg. 740)

2754 Equipment - Harvest

Women are used on the trailer-sackers to throw out cuds and cines. These are Mrs. Pete Hubbell and Mrs. Maxine Johannsen. Klamath county. (neg. 741)

2755 Publicity - General; Photo taken Marion County, 1944.

These women who are part of the Housewife Special: are boarding a bus to go out and help save Marion County's bean crop. (neg. 742)

2756 Horticulture - Row Crops; Photo taken Marion County, 1944.

A general view of Marion County bean fields. (neg. 743)

2757-2758 Horticulture - Tree Fruits

2757 Mrs. C.F. Daughtry weighing in cherries of two pickers on the 23 acre Fred Kirkwood orchard in the Hopewell community of Yamhill county. Kirkwood has expected a yield of about 50 tons of Royal Anns and 12 tons of black cherries. (neg. 745)

2758 Mrs. Oscar I. Paulson of Salem, wife of the State Director of Vocational Education spent much of her vacation in Marion county's peach orchards. She is picking in the LaFollette orchard. (neg. 747)

2759 Crops - General; Photo taken May 1944.

Twenty-two boys were in this platoon topping onion seed at the Asbury farm north of Salem. Lois Reed, teacher at Parish Junior High, was platoon leader for these boys who worked all summer, beginning on May 20. Marion County. (neg. 748)

2760 Horticulture - General; Photo taken 1944.

Packing peaches in the field at the LaFollette orchards. Marion county. (neg. 749)

2761 Horticulture - Tree Fruits; Photo taken 1944.

Picking Hale peaches in the big LaFollette orchards are Mrs. George Boyington and Gladys Miller, both of Salem. (neg. 750)

2762-2763 Publicity - General; Photos by R.G. Fowler, Jr., 1944.

2762 A view of the Marion county farm labor office early in the morning, showing school buses loading platoons. Marion county. (neg. 752)

2763 Time out for lunch for part of a Salwm platoon. (neg. 753)

2764 Horticulture - Row Crops; Photo taken 1944.

One of Marion countys best bean pickers. She wears the shirt to protect her arms from rash. (neg. 754)

2765 Horticulture - Tree Fruits; Photo taken Marion County, 1944.

Miss Florence L. Hall of Washington, chief of the Womens Land Army(left) visits the LaFollette peach orchards in Marion county. With her are Mrs. Mabel Mack, Womens Land Army supervisor in Oregon, and Mrs. Gladys Turnbull of Salem, Marion countys farm labor assistant. (neg. 755)

2766 Crops - Potatoes; Photo taken 1947.

Bucking sacks on W.M. Streeter potato farm near Prineville. Crook county. (neg. 756)

2767-2768 Equipment - Spray; Photo taken 1947.

2767 Weed control equipment exhibit at Prineville. Crook county. (neg. 757)

2768 Weed control equipment exhibit at Prineville, Spet. 15. Crook County. (neg. 758)

2769 Equipment - Harvest; Photo taken 1947.

Unloading sacks from potato combine in operation on W.M. Streeter farm near Prineville. Crook county. (neg. 759)

2770 Equipment - Spray; Photo taken 1947.

Crook county weed control equipment exhibit at county fairgrounds, Prineville.

2771 Equipment - General; Photo taken 1947.

Redmond Farm Labor Camp. Deschutes county. (neg. 761)

2772 Sheep - General; Photo by R.G. Fowler, Jr., June 1950.

Ewes in holding pens on the P.P. baryy ranch 80 miles east of Lakeview in Guano valley. They were being put through DDT dusting machine to control ticks. (neg. 762)

2773-2774 Equipment - Harvest; Photo taken 1947.

2773 Potato combine on W.M. Streeter farm near Prineville. Combine crew consists of 8 people, including 4 women. Crook county. (neg. 763)

2774 Potato combine on W.M. Streeter farm near Prineville. Potato vines were chemically killed. (neg. 764)

2775 Turkeys - Housing; Photo by R.G. Fowler, Jr., June 1950.

50 by 160 foot turkey brooder house owned by Gath Brothers of Turner. Divided into four equal-sized pens, it has a capacity of 8000 poults. It is equipped with oil radiant heat. There is about 2 miles of 3/4 inch copper tubing beneath concrete floor. (neg. 768)

2776 Publicity - General

Serving the men cafeteria style is done at two places. Hood River county. (neg. 769)

2777 Horticulture - Tree Fruits

Cherries were so much in demand this year that even the Black Republican variety of small, black cherries, were picked clean by the Mexicans and sold for a good price. Hood River. (neg. 770)

2778 Publicity - General

Returning to camp after the days work the Mexicans go first to the mail wall where letters from home are posted, Hood River county. (neg. 771)

2779-2780 Horticulture - Tree Fruits; Photos taken 1944.

2779 Boxes of apples piled in Hood River orchards awaiting transportation to the Apple Growers association packing house. (neg. 773)

2780 Boxes of apples piled in Hood River orchards awaiting transportation to the Apple Growers association packing house. (neg. 774)

2781 Publicity - General

In the evening musical instruments come out and typical Spanish tunes fill the air. Hood River county. (neg. 775)

2782 Horticulture - Tree Fruits

Mexicans learn quickly to handle the ladders and to thin apples according to the desires of the owners. (neg. 776)

2783 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1950.

Hot dawgs at 1950 4-H club summer school. From leftm Joan Lilly, 16, Eugene; Terrill McKenzie, 15, Coburg; Myrna Kenyon, 15, Junction City; JoAnn Peterson, 16, Cottage Grove; and Catherine Clark, 17, Cottage Grove. (neg. 777)

2784 Horticulture - Tree Fruits

Picture showing cherry picking on the Vannier farm. (neg. 778)

2785-2786 Publicity - General

2785 Pie was the desert prepared on this day, and every Mexican took a piece. (neg. 779)

2786 Dining tents have tables and benches. Sides of the tent are raised to provide air circulation. Hood River county. (neg. 780)

2787 Horticulture - Tree Fruits

Mrs. Merrill Hart, retired farmers wife speaks Spanish so volunteered to help direct crews. (neg. 781)

2788-2791 Publicity - General

2788 The line of men outside the dining tents waiting for supper. Service is fast enough to prevent much waiting in line. Hood River county. (neg. 782)

2789 Loaded on the truck and off to the orchard for a day of thinning apples or picking cherries. (neg. 783)

2790 In the cook tents the crew has been busy preparing the evening meal, biggest of the day. Local girls help. Hood River county. (neg. 784) 2791 Mexicans gathered at the loading place beside the road, getting their noon lunches. Hood River county. (neg. 785)

2792 Equipment - General

Morning at the Mexican camp in Hood River valley with men turning out of the tents to load into trucks. (neg. 786)

2793 4-H - Cooking; Photo by R.G. Fowler, Jr., June 1950.

Miss Anne Bergholz, Marion county 4-H extension agent, shown giving Marianna Helleckson, 15, Bonanza; and Barbara Cornett, 15, Malin, instruction in judging bread and canning during 1950 4-H club summer school. (neg. 792)

2794 Horticulture - Row Crops; Photo taken Multnomah County, November 1944.

Alphonso Hernandez trims the tops off the crate of cauliflower near Gresham. He has nearly 20 acres of cauliflower and brussels sprouts. He estimates a yield of 400 crates of cauliflower to an acre with 9 to 12 heads per crate. (neg. 796)

2795 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1950.

Presenting 4-H radio program during 1950 4-H club summer school. From left, Marilyn Bradshaw, 16, Albany; Arta Ohling, 16, Albany; Charlotte Nygren, 15, Albany; and Robin McKinley, 18, Shedd. (neg. 797)

2796 Horticulture - Berries

Weighing in for youthful raspberry picker. (neg. 798)

2797 4-H - Dairy; Photo by R.G. Fowler, Jr., June 1950.

With Professor Floyd B. Wolberg, OSC dairy department, pushing, two Clatsop county 4-H club members have their trouble with young Holstein calf. Center is David Hanson, 14, Seaside, and right, is Kenneth Kangas, 13, Jewell. (neg. 799)

2798-2801 Horticulture - Row Crops; Photos taken Multnomah County, November 1944.

2798 A field of cabbage being harvested near Portland city limits. (neg. 800)

2799 Alphonso Hernandez opens up a beautiful head of cauliflower. (neg. 801)

2800 Cauliflower being unloaded at the Troutdale vegetable growers association. Pete Binn, left foreground, is the general manager. (neg. 802) 2801 Scappoose bean field. Lee Powers, 15, 8509 N. Milne St.; Iris Stenberg, 16, 10571 N. Mapleleaf Drive; and John Thompson, 15, 10021 N. Willamette, all of Portland. Mrs. William Powers, mother of Lee, is their platoon leader. Photo taken Columbia County, 1947.

2802 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1950.

The proof of the pudding is its taste. Two Clatsop county girls -- Deanna Johnson, 13, Astoria, feeds Norma Norman, 13, Jewell, a piece of muffin in foods judging class at 1950 4-H club summer school. (neg. 804)

2803 Horticulture - Row Crops; Photo taken Columbia County, 1947.

Sauvies Island bean field. Robert Cody, William Gross, Platoon Leader Mrs. Agnes Mahoney, Platoon Leader Mrs. May Muir, Dorothy Woodworth, and Platoon Leader Mrs. Frank Meyers. (neg. 805)

2804 Horticulture - Berries; Photo taken Columbia County, 1947.

Wilmer Anderson, 16, Scappoose, youngest platoon leader, with Jean Brown, 15, Warren, best picker in his platoon. (neg. 806)

2805-2806 Publicity - General; Photos taken Lane County, 1947.

2805 Irving Cook, right, refers to map in telling itinerant worker about farm job opportunities. Junction City information station. (neg. 807)

2806 Mrs. Dorothy Burlison, Walla Walla, nurse at Athena and Milton- Freewater farm labor camps, treating Mexican National in trailer- depository at Athena camp. Photo taken Umatilla County, 1947. (neg. 808)

2807 Equipment - Harvest; Photo taken Klamath County, 1947.

Potat-O Combine, which handles potatoes in bulk, on Wilson Farms near Malin. Combine requiring 7-8 men to operate, does the work of three times as many men under old system. (neg. 809)

2808 Equipment - General; Photo taken Lane County, 1947.

Along a camp street at the Coburg farm labor camp. (neg. 810)

2809-2810 Horticulture - Row Crops; Photos taken 1947.

2809 Herman Darley, beanfield owner, explains what he expects of his foreman. L to R, LaRue Richards, Darley, Russel M. Adams, Eldon Morse, Dick French. Photo taken Marion County. (neg. 811)

2810 Billy Edwards, 14, 270 S. 10th St., Hillsboro, Carolyn Hoeffler, 13, route 4, Hillsboro, members of Hillsboro-Aloha platoon working in Scappoose dikeland bean field. Columbia County, 1947. (neg. 812)

2811 Publicity - General; Photo taken May 1946.

German prisoner of war. Nyssa POW camp. Georg Haas Vicht b. Ascken, Germany. (neg. 813)

2812 4-H - General; Photo by R.G. Fowler, Jr., June 1950.

Metal craft class at 1950 4-H club summer school. From left to right--Joyce Graham, 15, Woodburn; Joanne Fabry, 15, Salem; and Dorothy Hammond, 15, Salem. (neg. 814)

2813 Crops - Potatoes; Photo taken Klamath County.

Each picker stays on his own row until finished, carrying a supply of empty sacks fastened to picking belt. Mexican pickers. Klamath county. (neg. 815)

2814 Equipment - General; Photo taken 1944.

Coburg farm labor camp operated by Oregon State College Extension Service. Land County. (neg. 816)

2815 4-H - Cooking; Photo by R.G. Fowler, Jr., June 1950.

Disproving the adage--the watched pot never boils--are four Marion county 4-H club members at 1950 4-H club summer school. From left, Glenda Seeley, 12, Woodburn; Jeanette Siddell; Kay Knickerbocker; Connie Taylor, all 12 and from Salem. (neg. 817)

2816 Crops - General; Photo taken Benton County, 1944.

Mabel and Jesse Blackwell wig-waming fibre flax at the Benton County Flax Growers Cooperative near Monroe. (neg. 818)

2817 Equipment - General; Photo taken Lane County, 1947.

Children play along street at Coburg farm labor camp. (neg. 819)

2818-2820 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1950.

2818 Receiving instruction in camp counselling during 1950 4-H club summer school. Seated from left: Mary Egan, 15; Kay Johnston, 18, both Klamath Falls; Kathleen Wilson, 14, Malin; and Sheila Gillen, Corvallis.

Standing, left: Vernon Haley, 16, Bonanza, Burt, 16, and Earl Mack, Jr., 18, Klamath Falls; and Miss Percy Gill, OSC instructor. (neg. 820)

2819 Dale Hoecker, right, Clatsop county 4-H extension agent, shown with Eileen Barendse, 15, Brownsmead, president of one of the 23 girls living groups at the 1950 4-H club summer school. (neg. 821)

2820 Making friends with fraternity house mascot during 4-H club summer school. From left, Don Moullet, 14, Florence; Paul Wilson, 14, Vaughn; and John Langan, 14, Eugene. (neg. 823)

2821 Home Economics - General; Photo by R.G. Fowler, Jr., April 6, 1948.

A portion of exhibits made for Marion County Homemakers Festival held April 6, 1948 in VFW Hall, Salem. (neg. 824)

2822-2823 Home Economics - Organization; Photo by R.G. Fowler, Jr., April 6, 1948.

2822 Exhibit with bride and groom at 1948 Marion County Homemakers Festival held in VFW Hall, Salem, April 6, 1948. (neg. 825)

2823 Miss Eleanor Trindle, right, home demonstration agent, making merit presentations at Marion County Homemakers Festival April 6, 1948, VFW Hall, Salem. (neg. 826)

2824 Home Economics - General; Photo by R.G. Fowler, Jr., April 6, 1948.

North Santiam exhibit at Marion County Homemakers Festival April 6, 1948, VFW Hall, Salem. (neg. 827)

2825 4-H - Cooking; Photo by R.G. Fowler, Jr., June 1950.

Demonstrating how to make Swedish tea ring at 1950 4-H club summer school is Barbara Stallings, 13, Coburg. (neg. 828)

2826 Home Economics - Organization; Photo by R.G. Fowler, Jr., April 6, 1948.

Seventeen scrapbooks exhibited at 1948 Marion County Homemakers Festival held in VFW Hall, Salem. (neg. 829)

2827 Publicity - General; Photo by R.G. Fowler, Jr., March 1948.

The four men shown here were taken at the Western Oregon Agricultural Meeting sponsored by Oregon State College and the Oregon Bankers Association, which was held in Corvallis, March 30, 1948. Left to right; E.L. Potter, head, division of agricultural economics, OSC; B.A. McPhillips, McMinnville, Western Oregon Conference chairman; C.R. Harding, President, Oregon Bankers Assn; and W.H. Banks, Eugene, chairman, Oregon Bankers Agricultural Committee. (neg. 830)

2828 Home Economics - Publicity; Photo by R.G. Fowler, Jr., March 1948.

Photograph of Mrs. Blankenbaker, Linn county, Oregon, taken in her home as she is preparing to write a letter to a correspondent in England with whom she

writes regularly. The China dish on top of the writing table and the V-shaped article in the picture frame are gifts from the English woman. (neg. 831)

2829 Publicity - General; Photo by R.G. Fowler, Jr., March 1948.

The four men shown here were taken at the Western Oregon Agricultural Meeting sponsored by Oregon State College and the Oregon Bankers Assn., which was held in Corvallis, March 30, 1948. Left to right: W.H. Banks, Eugene, chairman, Oregon Bankers Agricultural Committee; E.L. Potter, head, division of agricultural economics, OSC; C.R. Harding, president, Oregon Bankers Assn.; and B.A. McPhillips, McMinnville, Western Oregon conference chairman. (neg. 832)

2830-2833 Home Economics - General; Photo by R.G. Fowler, Jr., March 1948.

2830 Women in Linn County, Oregon, are shown making two footstools. (neg. 833)

2831 A wardrobe type closet and drawers and lower portion of cabinets are shown in a rural home in Linn county, Oregon. (neg. 834)

2832 A pull-out type table is pictured in a rural home in Linn County, Oregon. (neg. 838)

2833 A wardrobe type closet is shown in a Linn county, Oregon, farmhouse. (neg. 839)

2834-2835 Equipment - General; Photos taken 1946.

2834 Tractor pulling leveler. Leveling land in Malheur County 60 foot land plane. (neg. 840)

2835 Tractor pulling leveler. Leveling land in Malheur County 60 foot land plane. Photo by R.G. Fowler. (neg. 841)

2836-2837 Horticulture - Row Crops; Photo by R.G. Fowler, Jr., May 1946.

2836 Harry Sandquist field of fall planted Great Lakes lettuce. (neg. 842)

2837 POWs blocking sugar beets. Malheur county. (neg. 843)

2838-2839 Dairy - Pastures; Photo by Ed Hutton.

2838 U.S.D.A. Extension service. (neg. 845)

2839 U.S.D.A. Extension service. (neg. 846)

2040-2042 Horticulture - Berries; Photos taken 1947.

2040 Wash-Multnomah line. Fred Grandboise, route 2, Box 2929, Portland; Shirley, 15, and Mrs. Grandboise. They are Chippewa Indians from Belcourt, N.D., who came to Portland for shipyard work. (neg. 849)

2041 Ben Phillips, Jr., 15 and his father in Birds Eye-Snyder strawberry field near St. Helens. (neg. 850)

2042 Ben Phillips, Jr., 15 and his father in Birds Eye-Snyder strawberry patch neat St. Helens. Ben picked 85 carriers, his father 63 carriers in one day. (neg. 851)

2043 Equipment - General

Farm labor camp headquarters, Milton-Freewater. (neg. 852)

2044 Horticulture - Row Crops; Photo taken 1947.

Field of carrots on Kiger Island. Benton County. (neg. 853)

2045 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1950.

Eleanor Fox OSC senior in B & T who served as a 1950 4-H club summer school counselor, is shown greeting Donna Kenyon, 17, junction City (center) and Betty Jean Jackson, 14, Florence, upon Bettys arrival at her summer school living organization. (neg. 854)

2846-2047 Horticulture - Row Crops; Photos taken 1947.

2046 Fields of table beets on Kiger Island. Benton County. (neg. 855)

2047 Fields of table beets on Kiger Island. Benton County. (neg. 856)

2848 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1950.

Unpacking in a living organization at 1950 4-H club summer school are, from left: Carolyn Calder, 15, Eugene; and Joanne Forstrom, 16, Eugene. (neg. 857)

2849 Publicity - General; Photo by J.W. Scheel, November 1947.

H.C. Seymour, who was state club leader form 1916 to 1947. (neg. 858)

2850-2852 4-H - Poultry

2850 Wayne Goode, 14, holds his 300-egg double pedigree cockrel, awarded him for entering top pen of three White Leghorn pullets in 4-H club exhibits at the state fair in September, 1947. He stands in front of the trophy case at the J.A. Hanson Leghorn farm, Corvallis, whicj donated the cockerel. On both the dam and sire sides of the cockerels family are hens with trapnest records of 355 eggs in a year. Wayne is a son of Mr. and Mrs. Emory Goode, Route 6, Salem. (neg. 859)

2851 Richard Hanson of the J.A. Hanson Leghorn Farm at Corvallis presents a prize cockerel to Wayne Goode, 14-year old 4-H clubber from Marion County. Wayne was awarded the cockerelas rpize for first place on his entry of three White Leghorn pullets in 4-H club exhibits at the state fair. The cockerel comes from a line that has produced 21 worlds champions in official egg-laying contests. On right is Anthol W. Riney, Marion County 4-H club agent. (neg. 860)

2852 Richard Hanson of the J.A. Hanson Leghorn Farm at Corvallis presents a prize cockerel to Wayne Goode, 14-year old 4-H clubber from Marion County. Wayne was awarded the cockerelas rpize for first place on his

entry of three White Leghorn pullets in 4-H club exhibits at the state fair. The cockerel comes from a line that has produced 21 worlds champions in official egg-laying contests. On right is Anthol W. Riney, Marion County 4-H club agent. (neg. 861)

2853-2861 Publicity - General; Photos taken 1947 and 1948.

2853 H.C. Seymour who was state club leader from 1916 to 1947. (neg. 862)

2854 1948 Officers of Nut Growers Society of Oregon and Washington: L. to R.: M.P. Cady, Hillsboro, president; John A. Evans, Bellvue, Wn., vice-president; C.O. Rawlings, Corvallis, Sec-treas. Robert H. Warrens, Forest Grove, vice-president, not shown. (neg. 863)

2855 W.R. Schreiber, Office of Foreign Agr. Relations, USDA, Washington, D.C., speaking at 33rd annual meeting of Nut Growers Society of Oregon and Washington in Salem, Dec. 18 and 19, 1947. (neg. 864)

2856 Harold Quick, left, 1947 pres. Nut Growers Society of Oregon and Washington introducing Gov. John H. Hall, Oregon, at 33rd annual meeting held in Salem on Dec. 18 and 19, 1947. (neg. 865)

2857 1948 Officers of Nut Growers Society of Oregon & Washington: L to R: John A. Evans, Bellvue, Wn., vice-president; C.O. Rawlings, Corvallis, Sec-treas. Robert H. Warrens, Forest Grove, vice-president, not shown. Photo taken 1948. (neg. 866)

2858 Officers, operations section, Oregon Reclamation Congress, and annual meeting in Baker. Frank Phillips, Ontario, chairman; Robert Kent, Medford, vice-chairman; Frank Morgan, Nyssa, director; and Arthur S. King, OSC, secretary. Photo taken 1947. (neg. 867)

2859 Officers of Oregon Reclamation Congress, at annual meeting, Baker. Arthur S. King, OSC, secretary; Howard W. Turner, Madras, president; Henry Kopacz, Hermiston, vice-president. Photo taken 1947. (neg. 868)

2860 Officers, operations section, Oregon Reclamation Congress, and annual meeting in Baker. Frank Phillips, Ontario, chairman; Robert Kent, Medford, vice-chairman; Frank Morgan, Nyssa, director; and Arthur S. King, OSC, secretary. Photo taken 1947. (neg. 869)

2861 Dorothy Burleson, nurse at Athena and Milton-Freewater farm labor camps, handing cough medicine to Zamora Heriberto Perez. She stands at door of trailer-dispensary. Photo taken Umatilla County, 1947. (neg. 870)

2862 Equipment - General

(neg. 871)

2863 Publicity - General; Photo by R.G. Fowler, Jr., June 1950.

At June 1950 quarterly meeting of the Oregon Dairy Breeders association directors, the \$20,000 mortgage assumed in early 1946 when the organization bought its 89 acre bull farm north of Corvallis was burned. From left, seated are: Oben J. Simonson, association manager; and Terry Elder, First National Bank of Portland farm representative. Others from left: Vernon Hepler, Canby; Rosel Hunter, Nyssa; Aubrey E. Tanger, Newberg; W.T. Putnam, Jr., Hillsboro; Henry G. Hagg, Reedville, chairman, board of directors; Jens Reerslev, Junction City; Murray Meade, Grants Pass; Robert Irish, Shedd; and Vernon DeLong, La Grande. (neg. 873)

2864 Equipment - General

(neg. 873)

2865 Publicity - General; Photo by R.G. Fowler, Jr., June 1950.

Participating in mortgage tearing up ceremony at June 1950 quarterly meeting of directors of the Oregon Dairy Breeders association are, from the left: Oben J. Simonson, manager; Henry Hagg, Reedcille, board chairman; Murray E. Meade, Grants Pass, vice-chairman; and Terry Elder, First National Bank representative. (neg. 874)

2866 4-H - Poultry; Photo by Dr. Curtis Reid, April 1950.

Winner of a White Leghorn cockrel for best White Leghorn exhibit at 1949 state fair is Yvonne Goode, Salem, shown receiving the pedigreed cockrel from J.A. Hanson, Corvallis poultryman. (neg. 875)

2867 Equipment - General

(neg. 876)

2868 4-H - Poultry; Photo by Dr. Curtis Reid, April 1950.

Winner of a White Leghorn cockrel for best White Leghorn exhibit at 1949 state fair is Yvonne Goode, Salem, shown receiving the pedigreed cockrel from J.A. Hanson, Corvallis poultryman. (neg. 877)

2869-2870 Home Economics - Publicity; Photo by R.G. Fowler, Jr., June 1950.

2869 Seated in home economics suite, from left: Miss May Dubois, head, institution home economics education; Miss Helen Mulhern, head institution home economics; Dr. Margaret Fincke, head, foods and nutrition; Mrs. Sara W. Prentiss, head,

household administration; and Miss Gertrude Strickland, head, clothing, textiles and related arts. (neg. 878)

2870 Left, Mabel Mack, wartime farm labor supervisor, and right, Miss Viola Hansen, Linn county home demonstration agent, conducting a kitchen labor saving demonstration. (neg. 879)

2871-2874 4-H - Publicity; Photos by R.G. Fowler, Jr., June 1950.

2871 Josephine county 4-H club members who served as officers during the thirty-fifth 4-H club summer school. From left: Calvin Winbolt, 15, Grants Pass, sgt. At arms; Robert Phillips, 15, athletic manager; Laura Beth Winbolt, 14, Grants Pass, intramural chairman; Cliff Jenkins, county 4-H club extension agent; Jim Wirtz, 15, Grants Pass, athletic manager; Don Phillips, 17, Grants Pass, house president; and Dwain Cross, 15, Illinois Valley, baseball captain and yell leader. (neg. 880)

2872 Walter Schroeder, Coos County 4-H club extension agent, is shown talking with Louise Johnson, 13, Coquille, president of her living organization during the thirty-fifth annual 4-H club summer school on the OSU campus. (neg. 881)

2873 Anthol Riney, Marion county 4-H club extension agent, with two Marion county girls who served as presidents of their respective living organizations during 4-H club summer school. From left: Peggy Ragan, 13, Salem; and Karleen Drager, 17, Turner. (neg. 882)

2874 Two Marion county girls were among 23 presidents of girls living organizations during the thirty-fifth annual 4-H club summer school. From left, they are: Karleen Drager, 17, Turner; and Peggy Ragan, 13, Salem. (neg. 883)

2875 Equipment - General

(neg. 884)

2876-2878 4-H Publicity; Photos by R.G. Fowler, Jr., June 1950.

2876 A Clackamas county girl was among 23 presidents of girls living organizations at 4-H club summer school. She, Priscilla Horning, 15, Oregon City, is shown talking with William P. Hinckley, Jr., county 4-H club extension agent. (neg. 885)

2877 Marvin Macken, 13, Malin, one of 13 boys to lead his living organization during 4-H club summer school is shown with Miss Jean Howell, Klamath county 4-H club extension agent. (neg. 886)

2878 Linn county presidents of living organizations at the thirty-fifth annual 4-H club summer school are shown with Joe Myers, county 4-H club extension agent. From left, Carlene Newport,

13, Tangent; Beverly Rutherford, 16, Corvallis; Sheri Leatherwood, 14, Sweet Home; Charlotte Nygren, 15, Albany; and Elsie Yagelski, 13, Albany. (neg. 887)

2879 Publicity - General; Photos taken Benton County 1944.

One of the boys trained at OSC under the farm labor live-in program, pictured at work on the J.W. Miller farm south of Corvallis. (neg. 888)

2880 Horticulture - Row Crops; Photo taken Washington County.

Mrs. Clyde Yount, wife of a Hillsboro banker, is in charge of one of the platoons, members of which are shown at work here. (neg. 889)

2881 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1950.

Washington county presidents of houses at 4-H club summer school are shown talking with Joe Cox, county 4-H club extension agent. From left, Eugene Evers, 18, Forest Grove; Stanley Marugg, 18, Beaverton; and Joan Karns, 15, Hillsboro. Joan was also elected president of the girls at 4-H club summer school. (neg. 890A)

2882 Home Economics - General; Photo by Ed Hutton.

U.S.D.A. Extension Service. (neg. 890B)

2883 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1950.

Marion county 4-H club members and leader making a radio appearance. From left, Freddie Parker, 12; Mrs. Gay Fabry, leader; Charmaine Roguski, 13; Jerry Simmons, 13; and Kay Knickerbocker, 12, all of Salem. (neg. 896)

2884 4-H - Cooking; Photo by R.G. Fowler, Jr., June 1950.

Linn county 4-H club girls and leaders working in home economics school kitchen and canning apricots. From left : Eleanor Chilcote, 14, Scio; Carol Kuiken, 13, Lyons; Mrs. Hugh Clark, Lebanon, leader; and Alice Redshaw, 14, Albany. (neg. 897)

2885-2887 Home Economics - Organizations; Photos by R. G. Fowler, Jr., June 1950.

2885 Mrs. Stanley Coates, Tillamook, is shown presenting a check for \$10, 000 to President A.L. Strand of Oregon State college during the eighteenth annual meeting of the Oregon State Home Economics Extension councils on the campus. The money was added to the \$25,000 presented in 1949 to be kept in the Oregon State Foundation until such time as the council goes ahead with its plan to construct Azalea House, a cooperative house for girls on the OSC campus. Mrs. Coates is treasurer. (neg. 898)

2886 Mrs. Stanley Coates, Tillamook, is shown presenting a check for \$10, 000 to President A.L. Strand of Oregon State college during the eighteenth annual meeting of the Oregon State Home Economics Extension councils on the campus. The money was added to the \$25,000 presented in 1949 to be kept in the Oregon State Foundation until such time as the council goes ahead with its plan to construct Azalea House, a cooperative house for girls on the OSC campus. Mrs. Coates is treasurer. (neg. 898)

2887 Nancy Lou Strother, left, OSC home economics senior from Newberg, is shown receiving \$50 check from Mrs. A.F. Tubesing, Mohler. The award is an annual presentation of the Oregon State Home Economics Extension Council to a deserving senior in home economics who plans to enter extension work. Presentation took place during the councils eighteenth annual meeting on the OSC campus. (neg. 900)

2888-2890 4-H - Publicity; Photos taken by R.G. Fowler, Jr., June 1950.

2888 Winner of the state 4-H poster contest judged at 1950 4-H club summer school was Vernon Haley, 16, Bonanza. There were 219 entries from 16 counties. His award was a scholarship to the 1951 summer school provided by His Studios of Corvallis. (neg. 901)

2889 Winner of the 1950 state 4-H poster contest, right, Vernon, Haley, 16, Bonanza. He is shown with his winning entry which won out of 219 entries. Left, is Francis Skinner, Klamath county 4-H club extension agent. (neg. 902)

2890 State 4-H Club leader L.J. Doc Allen, left; Bonnie Klein, Aumsville, 18. 1947 State style review champion and national canning champion, middle; and Dick Larkin, 18, Monroe, winner of the Governor Patterson leadership award, right, shown on the steps of the Memorial Union building, April, 1948. (neg. 903)

2891 Equipment - General; Photo taken January 1945.

Farm labor saving - post hole digger. (neg. 904)

2892 Publicity - General; Photo by R.G. Fowler, Jr., March 1950.

Frank Von Borstel, Jr., 28, Douglas county extension agent (4-H). Received scholarship to Massey Agricultural college, Palmerston North, New Zealand from Institute of International Education. (neg. 912)

2893 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1950.

One of the 23 girls elected to head their respective ling groups during the thirty-fifth annual 4-H club summer school on the OSC campus was

Mary Anne Birdseye, 16, Medford. She is shown with Rufus Cate, Jackson county 4-H club extension agent. (neg. 913)

2894-2898 Equipment - General; Photo by R.G. Fowler, jr., 1946.

2894 Engine Driven sugar beet blocking and thinning machine used in Malheur county. With four operators, the machine covers four beet rows. (neg. 914)

2895 View of arrangement of power driven sugar beet blocking and thinning machine used in Malheur county. (neg. 915)

2896 German prisoners of war are shown riding a motor driven sugar blocking and thinning machine, Malheur county. (neg. 916)

2897 German prisoners of war are shown riding a motor driven sugar blocking and thinning machine, Malheur county. The top frame is made so the device can be equipped with a canvas canopy. (neg. 917)

2898 German prisoner of war is shown riding a motor driven sugar blocking and thinning machine, Malheur county. (neg. 918)

2899 Equipment - Harvest

Combining dry-land wheat in a Jefferson county field which will be under irrigation next year. This field is typical of the 50, 000 acres of dry-land area being irrigated in the recently developed north unit of Jefferson county. (neg. 919)

2900 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1950.

City of Portland 4-H girls who were elected to serve as president of their respective living organizations during the 1950 4-H club summer school. Left to right, Carolyn Kollas, 16; Barbara Hogard, 15; Bonnie Sack, 17; and Barbara Kiziway, 16, all of Portland. (neg. 920)

2901 Home Economics - Foods; Photo by Ed Hunton.

Extension Service. (neg. 920)

2902 Home Economics - General

(neg. 921)

2903 4-H - Clothing; Photo by R.G. Fowler, Jr., June 1950.

Three Clackamas county 4-H club girls attending 4-H club summer school are shown learning the fundamentals of clothing and homemaking judging. From left, Delma Bruck, 12, Sherwood; Carolee Chindgren, 12, Molalla; and LuRee Landis, 14, Brightwood. Their instructor right, is Mrs. Myrabelle Mahan, Clackamas county 4-H club extension agent. (neg. 922)

2904 Publicity - General; Photo by R.G. Fowler, Jr., April 1948.

Oregon Garm Safety Council Meeting, Portland Chamber of Commerce, April 8, 1948. Left to right: J.E. Wiles, State Industrial Accident Commission; M.H. Coe, National Safety Council; Homer Groat, Mitchell, Lewis & Stern Co., Portland; K.W. Sawyer, Portland Chamber of Commerce; F.E. Price, assistant dean of agriculture, OSC; Elmer McClure, State Grange; Charles F. Bollinger, State Industrial Accident Commission; and M.G. Huber, OSC. (neg. 923)

2905 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1950.

One of the 23 girls to be named president of her living organization during 1950 4-H club summer school was Beatrice Zessin, 16, Freewater. She is shown with Melvin Wakefield, Umatilla county 4-H club extension agent. (neg. 924)

2906 Dairy - Animals; Photo by R.G. Fowler, Jr., April 1948.

Ross E. Hess, bull caretaker at the Oregon Dairy Breeders Association, is shown leading one of his charges in front of one of the barns on the bull farm located near Corvallis. Notice the welded iron safety fence and the overhead leading device. (neg. 927)

2907 Horticulture - Berries; Photo by R.G. Fowler, Jr., April 1948.

Evelyn Neuman, 15, 302 No. 17th, is shown watering her strawberry barrel. This barrel has 52 Rockhill plants. (neg. 928)

2908 Publicity - General; Photo by R.G. Fowler, Jr., April 1948.

A group of Australians who visited O.S.C. Left to right: Front Row-- M.R. Buttsworth, Hannam Vale, New South Wales (dairy); Asst. Dean F.E. Prince O.S.C.; W.H. Bruce, Baulkham Hills, New South Wales (poultry); Back Row--W.A. Mearesm Forbes, New South Wales (general); C.P. Dowsett, Economist, Rural Bank of New South Wales, Sydney; and Noel Griffiths, Public Relations Officer, Rural Bank of New South Wales, Sydney. (neg. 929)

2909 4-H - Publicity; Photo by R.G. Fowler, April 1948.

The 4-H club staff OSC, left to right; L.J. Allen, state club leader; Esther Taskerud, asst state club leader; Burton Hutton, asst state club leader; Winnifred Gillen, asst state club leader; Geraldine Danzl, asst state club leader; and Cal Monroe, asst state club leader. (neg. 930)

2910 Dairy - Animals; Photo by R.G. Fowler, Jr., 931.

Ross E. Hess, bull caretaker at the Oregon Dairy Breeders Association, is shown leading one of his charges in front of the barns on the bull farm

located near Corvallis. Notice the welded iron safety fence and the overhead leading device. (neg. 931)

2911 4-H - Publicity; Photo by R.G. Fowler, April 1948.

The 4-H club staff OSC, left to right; L.J. Allen, state club leader; Esther Taskerud, asst state club leader; Burton Hutton, asst state club leader; Winnifred Gillen, asst state club leader; Geraldine Danzl, asst state club leader; and Cal Monroe, asst state club leader. (neg. 932)

2912 Publicity - General; Photo by R.G. Fowler, Jr., April 1948.

A group of Australians who visited the OSC campus, left to right: W.A. Mears, Forbes, New South Wales(general); C.P. Dowsett, Economist, Rural Bank of New South Wales, Sydney; M.R. Buttsworth, Hannam Vale, New South Wales(dairy); Noel Griffiths, Public Relations Officer, Rural Bank of New South Wales, Sydney; Assistant Dean F.E. Price, OSC; and W.H. Bruce, Baulkham Hills, New South Wales (poultry). (neg. 933)

2913 4-H - Publicity; Photo by R.G. Fowler, Jr., April 1948.

The 4-H club staff at OSC, left to right: Esther Taskerud, asst state club leader; L.J. Allen, state club leader; Winnifred Gillen, asst state club leader; Geraldine Danzl, asst club leader; and Cal Monroe, asst state club leader. (neg. 935)

2914-2916 Dairy - Animals; Photo by R.G. Fowler, Jr., April 1948.

2914 Guernsey bull at the Oregon Dairy breeders Association bull farm near Corvallis. (neg. 937)

2915 Members of the Linn-Benton Dairy breeders Association are shown at the college dairy barn inspecting one of the bulls. This association make a visit to the Oregon Dairy Breeders Association farm and college dairy barn as a group in April 1948. (neg. 939)

2916 The bull exerciser ring at the Oregon Dairy Breeders Association bull farm near Corvallis. The bulls are promenading for the benefit of the Linn-Benton Dairy Breeders Association who visited the farm as a body during the month. (neg. 940)

2917 Publicity - General; Photo by R.G. Fowler, Jr., April 1948.

Fred Roberts, Oregon Dairy Breeders Association technician, is shown sampling a vial of semen with the microscope at the Association laboratory. Periodically, semen is checked to teest its motility. (neg. 941)

2918 Dairy - Animals; Photo by R.G. Fowler, Jr., April 1948

Line-up of Holsteins at the Oregon State College dairy barn, April 1948. (neg. 942)

2919 Equipment - Spray; Photo by R.G. Fowler, Jr., May 1948.

R.W. Lauderdale operating portable insecticide spray outfit in the feed room of the college hog barn. (neg. 943)

2920-2921 Entomology - General; Photos by R.G. Fowler, Jr., May 1948.

2920 H.E. Morrison, experiment station entomologist, working with cockroaches. He has done considerable work with the new insecticide--Chlordane. (neg. 944)

2921 Bob Every, OSC extension entomologist, is shown spraying the hogs at the college hog barn for lice. (neg. 945)

2922 Equipment - Tillage; Photo by R.G. Fowler, Jr., April 1948.

Ernest Kirsch, left, Gilliam County Agent, discusses the merits of the new Graham-Hoeme plow with local Gilliam County ranchers. They are: Arthur Jaeger, Condon, on whose farm the Soil Conservation Field Day was held; Donald Potter, Mikkalo; and Pete Pattee, Condon, chairman of the Gilliam County Soil Conservation District Board of Supervisors. (neg. 946)

2923-2924 Equipment - General; Photo by R.G. Fowler, Jr., April 1948.

2923 Farmers who attended the Gilliam County Soil Conservation Field Day, April 29, 1948 are shown viewing a rotary hoe--a new type implement for use in trashy fallow. (neg. 947)

2924 A new type trashy fallow implement is shown working in stubble on the Arthur Jaeger farm in Gilliam County at the Soil Conservation Field Day held there April 29, 1948. The implement is a Graham-Hoeme plow. (neg. 948)

2925 Publicity - General; Photo by R.G. Fowler, Jr., April 1948.

Marion Weatherford, left, prominent Gilliam County Wheat rancher, discussing the merits of trashy fallow with Art King, right, OSC Extension soils specialist at the Gilliam County Soil Conservation Field Day held April 29, 1948. (neg. 949)

2926 Equipment - General; Photo by R.G. Fowler, Jr., April 1948.

Farmers at the Gilliam County Soil Conservation Field Day April 29, 1948 are shown following a new type trashy fallow implement--Graham-Hoeme plow. (neg. 950)

2927 Conservation - General; Photo by, R.G. Fowler, Jr., April 1948.

A whirlwind terracer is shown at work on the Arthur Jaeger farm near Condon at the Gilliam County Soil Conservation Field Day held April 29, 1948. (neg. 952)

2928-2929 Equipment - Tillage; Photo by, R.G. Fowler, Jr., April 1948.

2928 Bill Jaeger, 20, is shown at the controls of his caterpillar during a stock pond building demonstration held on his father's farm near Condon, April 29, 1948. (neg. 953)

2929 A whirlwind terracer is shown at work on the Arthur Jaeger farm near Condon at the Gilliam County Soil Conservation Field Day held April 29, 1948. This implement is adapted for making terraces or drainage ditches. It has three controls--500, 750 and 1000 rpm. At the highest speed, it will throw soil over 20 feet. (neg. 954)

2930-2931 Equipment - General; Photo by R.G. Fowler, Jr., April 1948.

2930 Three Columbia Basin wheat ranchers are shown examining a new press wheel-type drill at the Gilliam County Soil Conservation Field Day held April 29, 1948. They are left to right: Ed Reitman, Condon; Otto Reitman, Ione; and standing, Vic Reitman, Ione. This particular implement plants wheat rows 14 inches apart and puts the seed down through the dust layer into moisture. (neg. 955)

2931 Arthur Jaeger is shown with a one-way disk. His farm was the scene of a Soil Conservation Field Day in Gilliam County on April 29, 1948. (neg. 957)

2932-2938 Buildings - Silos

2932 Tightening staves on a home-made wooden silo being constructed on the Rognar Anderson farm near Colton in Clackamas County. (neg. 958)

2933 Staves are shown being added to a home-made wooden stave silo on the Rognar Anderson farm near Colton in Clackamas County. Mr. M.G. Huber, OSC Extension Engineer, is shown at top of ladder. (neg. 959)

2934 View showing the Rognar Anderson farm near Colton, in Clackamas County showing the construction of a wooden stave silo for grass silage. This is being constructed without the use of scaffolding. (neg. 960)

View shows steps in construction of home-made wooden stave silo already been constructed and hoops are being added for the remaining half. (neg. 961)

2935 View shows steps in construction of home-made wooden stave silo. One-half of the silo has been constructed and hoops are being added for the remaining half. (neg. 961)

2936 View of 32-foot wooden stave silo being constructed on the Rognar Anderson farm near Colton in Clackamas County. This picture shows the way tongue and groove staves are added. (neg. 962)

2937 View showing home-made wooden stave silo nearing one-half point on Rognar Anderson farm near Colton in Clackamas County. This photograph shows how the top three hoops are placed before the start of the addition of staves. (neg. 963)

2938 Rognar Anderson is shown tightening hoops in a wooden stave silo being constructed on his farm near Colton in Clackamas County. (neg. 964)

2939-2940 Home Economics - Publicity; Photo by R.G. Fowler, Jr., May 1948.

2939 Home Economics Extension Staff, left to right: Miss Mary Beth Minden, Mrs. Margaret Tuller, Miss Frances Clinton, Mrs. Mabel Mack, Miss Lucy Lane, Miss Agnes Kolshorn and Mrs. Myrtle Carter. (neg. 965)

2940 Home Economics Extension Staff, left to right: Miss Mary Beth Minden, Mrs. Margaret Tuller, Miss Frances Clinton, Mrs. Mabel Mack, Miss Lucy Lane, Miss Agnes Kolshorn and Mrs. Myrtle Carter. (neg. 966)

2941 Equipment - Harvest; Photo by R.G. Fowler, Jr., May 1948.

Glass silage field chopper unit being demonstrated to Polk county farmers at a grass silage field day in May 1948. (neg. 967)

2942 Beef - General; Photo by R.G. Fowler, Jr., June 1948.

Marion County visitors are shown viewing a Hereford bull which was part of an exhibit demonstrating progeny testing at the Hill Pasture and Livestock Improvement Field Day held on the OSC campus June 11. Left to right are Ben Newell, Marion County assistant county agent; Bill Berndt, Salem; and Fred Hottinger, Stayton. (neg. 974)

2943 Equipment - General; Photo by R.G. Fowler, Jr., June 1948.

Gilbert Bateson, Salem, is shown standing over silo filling blower outfit on a farm in Marion County. This photo was used in connection with farm safety story July 1948. (neg. 977)

2944-2945 Crops - Potatoes; Photo by R.G. Fowler, Jr., July 1948.

2944 Looking at potato plots during the potato field day are left to right: George Chase, Terrebonne; Darrel Irvin, Madras; Clifford

Kuenzi, Silverton; and kneeling is Stanley Green, Redmond. Johnson is at right. (neg. 980)

2945 Looking at potato plots during the potato field day are, left to right: Jerry Matches, Troutdale; Jack Matches, Troutdale; Alvin Ward, Baker; and M.B. McKay, Troutdale. Kneeling is Harold Finnell, OSC Extension specialist in seed certification. (neg. 981)

2946 4-H - Publicity; Photo by R.G. Fowler, Jr., July 1948.

Wallowa County 4-H Horsemanship Club. (neg. 983)

2947 4-H Sheep; Photo by R.G. Fowler, Jr., June 1948.

Pat Hennies, 12, Turner, shown with her Southdown lamb. She is a member of the Lucky 13 4-H Sheep Club. (neg. 984)

2948-2950 4-H - Publicity; Photo by R.G. Fowler, Jr., July 1948.

2948 Wallowa County 4-H Horsemanship Club. (neg. 985)

2949 Wallowa County 4-H Horsemanship Club. (neg. 986)

2950 Two Wallowa County 4-H Riding Clubs are shown mounted with their leader, Loren Freels, right. (neg. 987)

2951 4-H - Sheep; Photo by R.G. Fowler, Jr., May 1948.

Grand Champion 4-H fat lamb at the 1948 Turner Lamb Show is held by left, Patricia Ahrens, Turner.

Reserve champion is held by Kenneth Mitchell, Turner, and on extreme right is third place winner, Jerry Wipper, Cloverdale. (neg. 988)

2952 Equipment - General; Photo by R.G. Fowler, Jr., June 1948.

Stonewall Jackson, Benton county agent, left, and Glenn Schmidt, Corvallis, are shown at a tractor on the Loren J. Smith farm in Benton County. The theme is put the tractor out of gear before cranking. (neg. 989)

2953 Entomology - Base; Photo by R.G. Fowler, Jr., May 1949.

H.A. Scullen, Oregon State College Apiarist, is shown working with bees on the OSC experiment station. (neg. 991)

2954-2955 Publicity - General; Photos by R.G. Fowler, Jr., July 1948.

2954 Rural Housing Specialists John C. Campbell, left, and Mrs. Margaret Tuller, right, are shown ciewing the new Oregon State College Farmhouse Plan Service publication which is in all county extension offices. (neg. 992)

2955 Rural Housing Specialists John C. Campbell, left, and Mrs. Margaret Tuller, right, are shown ciewing the new Oregon State College Farmhouse Plan Service publication which is in all county extension offices. (neg. 993)

2956 Home Economics -Publicity; Photo by R.G. Fowler, Jr., July 1948.

Rural Housing Specialists John C. Campbell, left, and Mrs. Margaret Tuller, right, are shown ciewing the new Oregon State College Farmhouse Plan Service publication which is in all county extension offices. (neg. 994)

2957-2959 4-H - Publicity; Photos by R.G. Fowler, Jr., June 1948.

2957 Dan Warnock, McEwen, Baker County, and Doris Lane, Salem, presidents of the boys and girls respectively at the 1948 4-H Club summer school. (neg. 995)

2958 Doris Lane, Salem, Marion County, and Dan Warnock, McEwen Bajer county, presidents of the boys and girls respectively at the 1948 4-H Club summer school. (neg. 997)

2959 Shown in the womens building swimming pool during the 1948 4-H Club summer school are girls enjoying the recreation class. (neg. 998)

2960 4-H - Beef; photo by R.G. Fowler, Jr., June 1948.

Clinton Hudson, Assistant Baker County Agent, is shown teaching a 4-H class at the livestock pavillion during the 1948 4-H club summer school. (neg. 999)

2961-2962 4-H - Publicity; Photos by R.G. Fowler, Jr., June 1948.

2961 Familiar scene at summer school. Doris Lane, Salem, and Dan Warnock, McEwen, Baker County, presidents of the boys and girls respectively are shown leading the 4-H club pledge. (neg. 1000)

2962 Wallowa County 4-H Horsemanship Club. (neg 1002)

2963-2964 Publicity - General; Photos by R.G. Fowler, Jr., July 1948.

2963 Garnet Best, Wallowa county agent, left, and Earl Miller, Joseph, president of the Wallowa county Registered Hereford Association. They are shown with signs which have been erected for all members of the association. (neg. 1003)

2964 Garnet Best, Wallowa county agent, left, and Earl Miller, Joseph, president of the Wallowa county Registered Hereford Association. They are shown with signs which have been erected for all members of the association. (neg. 1004)

2965-2966 4-H - Publicity; Photos by R.G. Fowler, Jr., July 1948.

2965 Shirley Rounsvel, 16, Wallowa, 4-H Horsemanship Club member who was queen of the 1948 Wallowa County Fair. (neg. 1005)

2966 Wallowa County 4-H Horsemanship Club shown crossing stream. Leader Loren Freels is in front. (neg. 1006)

2967 Poultry Management; Photo taken by R.G. Fowler, Jr., May 1948.

George Schneider, foreman of the Hughes poultry farm near Yamhill, is shown behind the litter disposal system in a laying house. Foreground are shown feeding hoppers and birds. (neg. 1008)

2968-2969 Poultry - General; Photos by R.G. Fowler, Jr., ay 1948.

2068 Wilbur Burkhart, assistant county agent, Washington county, left, and Howard Hughes, Hillsboro, operator of the Hughes poultry farm, looking at a hybrid pheasant. (neg. 1009)

2069 Dubbed New Hampshire cock being held by George Schneider, a foreman on the Hughes poultry farm near Yamhill, Oregon. (neg. 1010)

2970-2971 Poultry - Management; Photos by R.G. Fowler, Jr., May 1948.

2970 Brooder house scene on the Hughes & Sons poultry farm near Yamhill, Oregon. (neg. 1011)

2971 Pullets on open range in Washington county, Oregon. (neg. 1012)

2972-2973 4-H - Publicity; Photos by R.G. Fowler, Jr., June 1948.

2972 Song leading scene taken at the recreation training leaders meeting during 1948 4-H club summer school. (neg. 1013)

2973 Shown during the Bankers Day at the 1948 4-H club summer school are left to right: E.D. Sammons, president of the U.S. National Bank, Portland; H.L. Claterbos, vice-president of the First National Bank of Portland; Doris Lane, Salem; and Dan Warnock, McEwen, presidents of the boys and girls respectively at the 1948 4-H club summer school. (neg. 1014)

2974 4-H - Dairy; Photos by R.G. Fowler, Jr., July 1948.

Dale Boner, 13, Joseph, shown with his jersey which won the grand championship at the annual Wallowa county 4-H Fair at Enterprise in 1948. (neg. 1015)

2975 Sheep - Animals; Photo by R.G. Fowler, Jr., May 1948.

Champion fat lamb at the 1948 Turner Lamb Show is held by right, Herbert Booth, Turner; reserve champion is held by left Kenneth Mithcell, Turner. The grand champion lamb sold for \$41; the reserve champion for \$35. The buyer of both animals was Frnk Doerfler, Salem. (neg. 1018)

2976 Horticulture - Tree Fruits; Photo by J.W. Scheel, August 1948.

View of the prune orchard on the Ben elmer farm at Clarks before thinning. Trees in this orchard were planted 20 feet apart on the square, by a previous owner, many years ago. Elmer noticed after he purchased the orchard recently that his best crop of fruit was secured from trees in the outside row at the edge of the orchard and that trees on the rows inside the orchard dropped many immature young prunes before harvest time. There was also a difference

in the maturity date of the fruit on the trees in the outside row as contrasted with those inside the orchard. He, therefore, concluded that he should remove every other tree to reduce crowding. (neg. 1022)

2977-2978 Equipment - General; Photos by J.W. Scheel, August 1948.

2977 A bulldozer at work removing diagonal rows of trees in the Ben Elmer prune orchard. This process will increase the shortest distance between the trees from 20 feet to 28.3 feet. (neg. 1023)

2978 A bulldozer at work removing diagonal rows of trees in the Ben Elmer prune orchard. This process will increase the shortest distance between the trees from 20 feet to 28.3 feet. (neg. 1024)

2979-2981 Publicity - General; Photos by R.G. Fowler, Jr., August 1948.

2979 B.G. Thompson, entomologist, Oregon State College. (neg. 1026)

2980 Paul W. Miller, USDA plant pathologist, stationed at Oregon State College. (neg. 1027)

2981 John H. Painter, USDA horticulturist, stationed at Oregon State College. (neg. 1028)

2982 Crops - Grass; Photo by R.G. Fowler, Jr., August 1948

E.R. Jackman, extension crops specialist, shown kneeling in a field of crested wheat grass, Lake county, August 1948. (neg. 1029)

2983-2986 Conservation - General; Photos by R.G. Fowler, Jr., August 1948.

2983 Portion of the crowd shown gathering at the Lake county sage removal demonstration, August 1948. Albert Rim in background. (neg. 1031)

2984 Portable pack type flame thrower shown being demonstrated at the Lake county sage removal demonstration. (neg. 1032)

2985 Portable flame thrower apparatus being used to burn sage in preparation for sage removal demonstration, Lake county. (neg. 1033)

2986 Forest Service flame throwing equipment used for removal of sage being shown at the Lake county sage removal demonstration. (neg. 1034)

2987-2991 Equipment - Tillage; Photos by R.G. Fowler, Jr., August 1948.

2987 Rail harrow being used at the Lake county sage removal demonstration. (neg. 1035)

2988

2989 Pipe harrow shown behind a crawler type tractor at the site of the Lake county sage removal demonstration. This implement is adapted for use in rough, rocky ground. (neg. 1037)

2990 Shown here is the brushed plow which is an adaptation of the Australian stump-jump plow. It is intended for use in removing sage, according to the Forest Service who is responsible for its development. Disk blades

are mounted in tandem and have individual suspension in order that they may jump over rocks or rough places in the ground. (neg. 1039)

2991 Two-way disk shown being demonstrated at the Lake county sage removal demonstration. (neg. 1040)

2992 Equipment - General; Photo by R.G. Fowler, Jr., August 1948.

Seeding crested wheat grass at the Lake county sage removal demonstration held in August 1948. (neg. 1042)

2993 Equipment - Spray; Photo by R.G. Fowler, Jr., June 1950.

Members of the Grant county conservation tour watching while commercial spray outfit is used to spray morning glory alongside highway. (neg. 1044)

2994 Publicity - General; Photo by R.G. Fowler, Jr., October 1948.

Harry A. Schoth, federal agronomist, Oregon State college experiment station, is shown examining a sheaf of Tualatin meadow oatgrass taken from the college grass nursery. (neg. 1049)

2955 4-H - Swine; Photo by R.G. Fowler, Jr., September 1948.

Scene at the 1948 Linn county 4-H fat stock auction sale. (neg. 1050)

2966 4-H - Publicity; Photo by R.G. Fowler, Jr., September 1948.

Scene at the 1948 Linn county 4-H fat stock auction sale. (neg. 1051)

2967-2968 4-H - Beef; Photos by R.G. Fowler, Jr., September 1948.

2967 Scene at the 1948 Linn county 4-H fat stock auction sale. (neg. 1052)

2968 Scene at the 1948 Linn county 4-H fat stock auction sale. (neg. 1053)

2999 4-H - Swine; Photo by R.G. Fowler, Jr., September 1948.

Scene at the 1948 Linn county 4-H fat stock auction sale. (neg. 1054)

3000 4-H - Sheep; Photo by R.G. Fowler, Jr., September 1948.

Scene at the 1948 Linn county 4-H fat stock auction sale. (neg. 1055)

3001-3008 4-H - Dairy; Photos by R.G. Fowler, Jr., September 1948.

3001 Exhibitor pictured at 1948 Linn county 4-H club fair. (neg. 1056)

3002 Scene in judging ring at the 1948 Linn county 4-H club fair. (neg. 1057)

3003 Scene in judging ring at the 1948 Linn county 4-H club fair. (neg. 1058)

3004 Scene in judging ring at the 1948 Linn county 4-H club fair. (neg. 1059)

3005 Panorama view of the judging ring at the 1948 Linn county 4-H club fair. (neg. 1060)

3006 Panorama view of the judging ring at the 1948 Linn county 4-H club fair. (neg. 1061)

3007 Exhibitor pictured at the 1948 Linn county 4-H club fair. (neg. 1062)

3008 Scene in judging ring at the 1948 Linn county 4-H club fair. (neg. 1063)

3009 4-H - Sheep; Photo by R.G. Fowler, Jr., September 1948.

Scene at the 1948 Linn county 4-H fat stock auction sale. (neg. 1064)

3010 4-H - Dairy; Photo by R.G. Fowler, Jr., Septembet 1948.

The 4-H Holstein Calf Club at the WCTU Childrens Farm Home near Corvallis, left to right: Clifford Anderson, Bill Rigney, Donald Jackson, Charles Drolette and Charles McDougald. (neg. 1065)

3011-3018 Equipment - Tillage; Photos by R.G. Fowler, Jr., August 1948.

3011 A stubble buster is shown in operation during the Umatilla County Soil Conservation Field Day, August 1948, on the Harold Barnett farm near Pendleton. (neg. 1067)

3012 A sweep type plow is shown being worked following a stubble buster in the Harold Barnett ranch near Pendleton. This scene was taken during the Umatilla county Soil Conversion Field Day, Aug. 1948. (neg. 1068)

3013 A stubble buster shown working on standing stubble on the Harold Barnett ranch near Pendleton in Aug. 1948, during Umatilla County Soil Conservation Field Day. (neg. 1069)

3014 An offset disk is viewed following a stubble buster on the Harold Barnett ranch near Pendleton during August 1948. The event was the Umatilla County Soil Conservation Field Day. (neg. 1070)

3015 An offset disk is viewed following a stubble buster on the Harold Barnett ranch near Pendleton during August 1948. The event was the Umatilla County Soil Conservation Field Day. (neg. 1071)

3016 Scene on the Harold Barnett ranch during the Umatilla County Soil Conservation Field Day, Aug. 1948. (neg. 1072)

3017 Scene photographed during the Umatilla County Soil Conservation Field Day on the Harold Barnett ranch, August 1948. Standing stubble is shown in the background. The narrow strip midway in the foreground has been woked with a Roto-tiller, while in the immediate foreground is a section of disked straw. (neg. 1073)

3018 A rotary rake is shown following a one-way disk on the Harold Barnett ranch near Pendleton during the Umatilla County Soil Conservation Field Day, Aug. 1948. This machine transfers straw from unworked ground to worked ground portion. (neg. 1074)

3019 4-H - Beef; Photo by Dr. Reid, October 1948.

4-H club judging contest scene at 198 Pacific International. (neg. 1075)

3020 4-H - Dairy;

4-H club judging contest scene at 198 Pacific International. (neg. 1076)

3021 4-H - Home Economics; Photo by Dr. Reid, October 1948.

Dollar dinner demonstration contest booth in Penney Hall at Pacific International. (neg. 1077)

3022-3023 4-H - Publicity; Photos by Dr. Reid, October 1948.

3022 Left to right: Barrie Gassett, 17, Cove, Oregon, and Bonnie Klein, 19, Aumsville, Oregon. Both are winners of the first \$100 O.M. Plummer scholarship provided for competition at PI, 1948. (neg. 1078)

3023 Left to right: Bonnie Klein, 19, Aumsville, Oregon, and Barrie Gassett, 17, Cove, Oregon. Both are winners of the first \$100 O.M. Plummer scholarship provided for competition at PI, 1948.

3024-3026 4-H - Home Economics; Photos by Dr. Reid, October 1948.

3024 Scene in dollar dinner contest booth at 1948 Pacific International. (neg. 1080)

3025 Bread judging contest scene at 1948 Pacific International. (neg. 1081)

3026 Scene in dollar dinner contest booth at 1948 Pacific International. (neg. 1082)

3027-3028 Home Economics - Organization; Photos by R.G. Fowler, Jr., October 1948.

3027 Scene taken during 1948 Marion county home economics extension unit leaders training meeting, YMCA building, Salem. (neg. 1083)

3028 Scene taken during 1948 Marion county home economics extension unit leaders training meeting, YMCA building, Salem. (neg. 1084)

3029-3031 4-H - Home Economics; Photos by R.G. Fowler, Jr., October 1948.

3029 Margaret Walker, 16, Eugene, state winner of the Safeway dollar dinner contest at Oregon State Fair, and delegate to National 4-H Club Congress, Chicago, November 28 to December 2, 1948. (neg. 1085)

3030 Margaret Walker, 16, Eugene, state winner of the Safeway dollar dinner contest at Oregon State Fair, and delegate to National 4-H Club Congress, Chicago, November 28 to December 2, 1948. (neg. 1087)

3031 Margaret Walker, 16, Eugene, state winner of the Safeway dollar dinner contest at Oregon State Fair, and delegate to National 4-H Club Congress, Chicago, November 28 to December 2, 1948. (neg. 1088)

3032-3033 Publicity - General; Photos by R.G. Fowler, Jr., October 1948.

3032 Harry A. Schoth, federal agronomist, Oregon State college experiment station. (neg. 1089)

3033 Discussing the selection of show ears for the 7th annual Oregon State Corn Show to be held at the Clackamas county fairgrounds near Canby on Dec. 10, 11, 12 are left to right: E.E. Rose, Aurora; Rex Warren, OSC farm crops specialist; Don Gardner, Canby; and Ray Heinz, Canby. (neg. 1091)

3034-3035 Equipment - Harvest; Photos by R.G. Fowler, Jr., 1948.

3034 Mint distilling operations with steaming done while chopped mint is left in the truck. Columbia county. (neg. 1093)

3035 Men tramping mint hay into an old-fashioned stationary vat on the E.A. Knutilla farm near Clatskanie, Colummbia County, 1948. (neg. 1094)

3036 Publicity - General; Photo by R.G. Fowler, Jr., 1948.

County Agent Jerry Nibler, center, examining a blackheart weed from a mint field in Columbia county. Left is A.M. Salmi, Woodson; right, Emil Koski, Quincy. (neg. 1095)

3037 Equipment - Harvest; Photo by R.G. Fowler, Jr., September 1948.

Left, Columbia County Agent Jerry Nibler, is shown in the distilling plant of (right) Walt Thomas, Quincy. Thomas is taking off a sample of distilled mint oil. (neg. 1096)

3038 Crops - Mint; Photo by R.G. Fowler, Jr., 1948.

Columbia County Agent Jerry Nibler, left, is shown lifting a blackheart weed from a mint field in Columbia county 1948. This weed is one of the principal pests for mint in that area. Others in the picture are: A.M. Salmi, center, Woodson, and Emil Kolski, right, Quincy. (neg. 1097)

3039-3040 Equipment - Harvest; Photo by R.G. Fowler, Jr., September 1948.

3039 Walt Thomas, Quincy, Oregon, is shown closing the distilling pipe on his home-made mint distilling outfit. The steam pipe enters the chopped mint tub left. (neg. 1098)

3040 Walt Thomas, Quincy, Oregon, at test valve on one of the tubs being steamed in his mint distiller. When the aroma of mint is not released the mint hay has been cooked enough. (neg. 1099)

3041-3044 4-H - Publicity; Photos by R.G. Fowler, Jr., January 1950.

3041 Burton Hutton, state 4-H extension agent, second from left, shown with four Standard Oil company college scholarship winners during the sixteenth annual western Oregon 4-H club leaders conference, Corvallis. Left to right: John Kiesow, Bend, \$200; Hutton; Jo Ann Roberts, Shedd, \$200; Pat Horning, Sherwood, \$300; and Charles Hornecker, Cornelius, \$300. (neg. 1100)

3042 Shown are the four leadership and achievement trophy winners pictured after the presentation during the sixteenth annual western Oregon 4-H local leaders conference, Corvallis. Left to right: Charles D.

Colegrove, 18, Junction City, winner of Governor Snell achievement trophy for boys; Noma Jeane Otto, 17, Eugene, winner of Oregon Bankers association leadership trophy for girls; Helen Wrolstad, 18,

Hubbard,

winner of the Governor Snell achievement trophy for girls; abd winner of the Governor Patterson leadership trophy for boys. (neg. 1101)

3043 W.C. Christensen, Hillsboro, president of the Oregon Bankers Assoc., congratulates Noma Jean Otto, 17, Eugene, 1950 winner of the Oregon Bankers Association 4-H leadership trophy. Trophy was presented during the sixteenth annual western Oregon 4-H leaders conference, Corvallis. (neg. 1102)

3044 Left to right, Mrs. Lee Patterson, Portland, daughter-in-law of the late Governor Patterson congratulates the 1950 winner of the Governor Patterson leadership trophy, Charles Hornecker, 17, Cornelius. The trophy was presented during the sixteenth annual western Oregon 4-H club leaders conference, Corvallis. (neg. 1103)

3045-3049 Equipment - General; Photos by R.G. Fowler, Jr., January 1950.

3045 Grease pit in the farm shop owned by Ken Duling, Terrebonne, is equipped with a recessed storage pit for greasing equipment. (neg. 1106)

3046 Piece of flexible pipe inthe farm shop owned by Ken Duling, Terrebonne, serves as an exhaust pipe for gas from his trailer welder. Outlet is outdoors. (neg. 1107)

3047 Scene in the farm shop owned by Ken Duling, Terrebonne. Overhead hoist was made from an old speeder and railroad track section. (neg. 1108)

3048 Key ceremony during the OSC barn dedication held in conjunction with the fourteenth annual meeting of the Western Oregon Livestock association in Corvallis, January 30,31 and February 1, 1950. Left to right, Dr. Fred McKenzie, chairman, animal husbandry department; Herman Oliver, John Day, member State Board of Higher Education; Dr. A.L. Strand, President, OSC; and Charles Evans, Independence, Livestock association president. (neg. 1109)

3049 Officers for the Western Oregon Livestock association chosen at their fourteenth annual meeting are, seated left to right: Lauren T. Woody, Grants Pass, president; H.A. Lindgren, OSC extension animal husbandryspecialist, re-elected secretary-treasurer; and standing, Archie A. Riekkola, Astoria, vicepresident. This meeting was held in Corvallis. (neg. 1110)

3050 Forestry - Management; Photo by R.G. Fowler, Jr., March 1950.

View of 1,800,000 two-year old Douglas Fir seedlings at the State Board of Forestry nursery near Corvallis which are earmarked for transplanting on the great Tillamook burn. Note above-ground system. Superintendent Vern E. McDaniels home in the background. (neg. 1113)

3051 Forestry - General; Photo by R.G. Fowler, Jr., March 1950.

Twenty-five year later-- shown is the first seedling to emerge from a seedbed at the Oregon State Board of Forestry nursery, Corvallis. Transplanted five times, this 40 foot ponderosa pine measuring 16 inches through the base, was the first seedling to emerge from the ground as the nursery got underway in the spring of 1926. First crop -- 50,000 seedlings. The pine is living proof that timber is a merchantile crop within the span of one persons lifetime. (neg. 1114)

3052-3054 Forestry - Management; Photos by R.G. Fowler, Jr., March 1950.

3052 Left to right, Mrs. C.O. Bird, and Mrs. Vern E. McDaniel, both Corvallis, are shown counting seedlings at the Oregon State Board of Forestry nursery. To fill orders, seedlings are counted and tied. (neg. 1115)

3053 View of Douglas fir seed beds at the Oregon State Board of Forestry Nursery near Corvallis. Seed of Douglas fir planted 50 to 55 to the linear foot in rows of eight spaced six inches apart. Two years later, the nursery expects to get about 25 Douglas fir seedlings per foot. Beds are more than 200 feet in length. (neg. 1116)

3053 Con Warrick, nurseryman at the Oregon State Board of Forestry tree nursery north of Corvallis, is hown opening a bed of seedlings. When wet soil makes it impossible to lift seedlings using tractor pulled equipment, some seedlings are pulled by hand as Warrick demonstrates. Behind him is the above ground irrigation system fed from a nearby reservoir. (neg. 1117)

3054 Lifting tree seedlings at the Oregon State Board of Forestry tree nursery located north of Corvallis. Tractor has a full width bar that travels beneath seedling roots to make them easier pulled. Nursery superintendent Vern E. McDaniel, left and nurseryman Con Warrick is shown, right. (neg. 1118)

3055 Forestry - General; Photo by R.G. Fowler, Jr., March 1950.

Vern E. McDaniel, superintendent, Oregon State Board of Forestry tree nursery, Corvallis, is shown with a two-year old Douglas fir seedling. Note that half of the seedling is roots. McDaniel started the nursery in Septembet 1, 1925 and has been in charge since. (neg. 1119)

3056-3058 Dairy - Animals; Photos by R.G. Fowler, Jr., April 1950.

3056 C.J. Berning, Mt. Angel, longtime Oregon Hostein breeder, with Nugget Walker Korndyke, 5 years and 3 months of age in April 17, 1950, the day the cow established a new world butterfat mark for twice a day milking. The cow produced 1172.6 pounds of fat in 27, 546 pounds of milk in 365 days. Berning has lived on his present place -- 73 acres -- since 1920 and has been a Holstein breeder since 1916. He owned the first Oregon cow to produce 1000 pounds of butterfat -- Nodel Segris Pearly Gelsche-- in

365 days. The animal set the mark in 1923 and is a relative on the dams side of Nugget. (neg. 1122)

3057 C.J. Berning, Mt. Angel, longtime Oregon Hostein breeder, with Nugget Walker Korndyke, 5 years and 3 months of age in April 17, 1950, the day the cow established a new world butterfat mark for twice a day milking. The cow produced 1172.6 pounds of fat in 27, 546 pounds of milk in 365 days. Berning has lived on his present place -- 73 acres -- since 1920 and has been a Holstein breeder since 1916. He owned the first Oregon cow to produce 1000 pounds of butterfat -- Nodel Segris Pearilly Gelsche-- in 365 days.

The animal set the mark in 1923 and is a relative on the dams side of Nugget. (neg. 1123)

3058 C.J. Berning, Mt. Angel, longtime Oregon Hostein breeder, with Nugget Walker Korndyke, 5 years and 3 months of age in April 17, 1950, the day the cow established a new world butterfat mark for twice a day milking. The cow produced 1172.6 pounds of fat in 27, 546 pounds of milk in 365 days. Berning has lived on his present place -- 73 acres -- since 1920 and has been a Holstein breeder since 1916. He owned the first Oregon cow to produce 1000 pounds of butterfat -- Nodel Segris Pearilly Gelsche-- in 365 days.

The animal set the mark in 1923 and is a relative on the dams side of Nugget. (neg. 1124)

3059-3062 Rabbits - Management; Photos by R.G. Fowler, Jr., April 1950.

3059 Alvin C. Warnick, OSC animal husbandryman staff member, stands before labor saving rabbit hutch in use on the college farm. Each pen measures 30 by 46 inches. Front foot of the pen bottom is wood and slopes 1 inch toward the rear. Rear portion of the pen is 3/4 inch wire. Droppings fall through on sloping sheet metal trays. (neg. 1125)

3060 Pen detail of rabbit hutch in use on OSC farm. Pen measures 36 by 46 inches. Front 1 foot is solid sloping inward 1 inch. 3/4 wire made up remainder of pen bottom. (neg. 1126)

3061 Type of indoor rabbit hutch being used by the OSC farm in feedin experimental work. Each pen bottom measures 30 x 46 inches and has a 1 foot solid floor in front with a 1 inch slope. Wire is 3/4 inch. (neg. 1127)

3062 Rear view of rabbit hutch of the type being used on OSC farm. View shows sheet metal dropping trays. (neg. 1128)

3063-3064 Equipment - General; Photo by R.G. Fowler, Jr., May 1950.

3063 Hector McPherson, Jr., Linn county dairyman living near Oakville, is shown demonstration laterals on his new mow hairdrier. They are 12 feet in length and are spaced on 50 inch centers from his main air duct, seen left. Total mow area involved is 1,836 square feet. His installation including cost of installing a motor, \$190, was 13 cents per square foot. (neg. 1131)

3064 View of 5 horsepower motor, fan salvaged from an old feed mill and false wall built into a hay mow owned by Hector MacPherson, Jr., Albany, for use as a mow hairdrier. (neg. 1132)

3065-3067 Poultry - Housing; Photo by R.G. Fowler, Jr., May 1950.

3065 Twelve-hundred bird laying house built for a total cost of 60 cents per bird by James Hemenway, Route 1, Cottage Grove. The house contains eight pens measuring 6.5 x 32 feet. They each hold 200 birds. Pen, bottoms, 16 gauge wire, are 40 inches above ground in order that droppings may be cleaned with tractor scoop attachment. Pens are served with central alleyway. (neg. 1133)

3066 Interior view of cheap laying house built by James Hemenway, Cottage Grove poultryman, for 60 cents per bird. Each pen similar to the one shown measures 6.5 x 32 feet and holds 200 birds. On right, a two deck feed hopper allows space for all birds to eat simultaneously. Community nests with sloping wire near bottom seen rear. (neg. 1134)

3077 Skid mounted 6 x 8 foot range shelter used by James Hemenway, Cottage Grove poultryman. Shelters also serve as laying coops for old hens that are still in lay as they are removed from laying house to make room for pullets. Range shelter has wire floor that allows for slight tipping when laying hens are inside, thus, eggs will roll into collecting trough in front of house. (neg. 1135)

3068 Poultry - Management; Photo by R.G. Fowler, Jr., May 1950.

Type of range waterer used by James Hemenway, Cottage Grove poultryman. Beneath screened portion, a small hole has been dug to collect the overflow from the drinking fountain. (neg. 1136)

3069 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1950.

Joan Karns, 15, Orenco, is shown wearing a lei presented to her during 4-H club summer school by 4-H club members from Hawaii. She was president of the girls at the thirty-fifth annual summer school session. (neg. 1142)

3070-3074 Turkeys - Management; Photo by R.G. Fowler, Jr., July 1950.

3070 Young turkeys on alta fescue range. Note sun shelters. Owned by Gath Brothers of Turner. (neg. 1144)

3071 Young turkeys on alta fescue range. Note sun shelters. Owned by Gath Brothers of Turner. (neg. 1145)

3072 Young turkeys on alta fescue range. Note sun shelters. Owned by Gath Brothers of Turner. (neg. 1146)

3073 Young turkeys on alta fescue range. Note sun shelters. Owned by Gath Brothers of Turner. (neg. 1147)

3074 Young turkeys on alta fescue range. Note sun shelters. Owned by Gath Brothers of Turner. (neg. 1148)

3071 Publicity - General; Photo by R.G. Fowler, Jr., July 1950.

County office secretaries attended two-day conference on the OSC campus, July, 1950. (neg. 1149)

3072-3074 Turkeys - Management; Photos by R.G. Fowler, Jr., July 1950.

3072 Young turkeys on alta fescue range. Note sun shelters. Owned by Gath Brothers of Turner. (neg. 1146)

3073 Young turkeys on alta fescue range. Notice sun shelters. Owned by Gath Brothers of Turner. (neg. 1147)

3074 Young turkeys on alta fescue range. Notice sun shelters. Owned by Gath Brothers of Turner. (neg. 1148)

3075 Publicity - General; Photo by R.G. Fowler, Jr., July 1950.

County office secretaries who attended two-day conference on the OSC campus, July, 1950. (neg. 1149)

3076-3081 4-h - Beef; Photos by R.G. Fowler, Jr., July 1950.

3076 Gene Alison, 15, Mt. Vernon, is shown with Beau Donald 851, Hereford bull owned collectively by 19 Grant county 4-H club members. Shares in the animal cost each club member \$18 a piece for each female of breeding age owned. the bull is used in their livestock breeding project. (neg. 1150)

3077 Gene Alison, 15, Mt. Vernon, is shown with Beau Donald 851, Hereford bull owned collectively by 19 Grant county 4-H club members. Shares in the animal cost each club member \$18 a piece for each female of breeding age owned. the bull is used in their livestock breeding project. (neg. 1151)

3078 At the Alison ranch near Mt. Vernon in Grant county, club members who own the Hereford bull shown, Beau Donald 851, are pictured on the corral fence. As a calf, the animal cost \$500 and is used in a livestock breeding project being carried on by 19 club members who own the bull collectively. Gene Alison, 15, is holding the animal. (neg. 1152)

3079 At the Alison ranch near Mt. Vernon in Grant county, club members who own the Hereford bull shown, Beau Donald 851, are pictured on the corral fence. As a calf, the animal cost \$500 and is used in a livestock breeding project being carried on by 19 club members who own the bull collectively. Gene Alison, 15, is holding the animal. (neg. 1153)

3080 At the Alison ranch near Mt. Vernon in Grant county, club members who own the Hereford bull shown, Beau Donald 851, are pictured on the corral fence. As a calf, the animal cost \$500 and is used in a livestock breeding project being carried on by 19 club members who own the bull collectively. Gene Alison, 15, is holding the animal. (neg. 1154)

3081 At the Allison ranch near Mt. Vernon in Grant county, members of the

4-H bull co-op are shown with animals owned by the Allison's, Gene, 15, and Shirley, 12. (neg. 1155)

3082-3092 Equipment - Harvest; Photos by R.G. Fowler, Jr., July 1950.

3082 Bundle dumping device used by R.W. Schaad, Union county extension agent and seed grower, to catch shattered seed. Metal bottomed sled alongside binder catches shattered seed, and as five bundles are pitched onto dumping device it is tripped and bundles slide onto ground for shocking. (neg. 1161)

3083 R.W. Schaad, Union county extension agent and seed grower is shown scooping Illahee creeping red fescue out of seed saving device he uses on binder. He figures he saves 100 pounds of seed in each one acre covered. Similar sled is located behind with a pan reaching under end of reel draper. Seed scooped into the skid mounted box is threshed along with bundles in field. (neg. 1162)

3084 View of metal bottomed sled and binder bundle dropping device used by R.W. Schaad, La Grande, Union county extension agent and seed grower, to catch shattered seed and to handle bundles with a minimum of jar. Unloading device is shown in tripped position to allow bundles to slide into field. (neg. 1163)

3085 Close up view of pea viner loading device built by Claude Key, Milton, and used in his brother Lloyd, and him. Device is operated by handle bar device in operators right hand. Note switch which winds or unwinds cable on drum. (neg. 1164)

3086 Pea viner loading device and feed intake regulator built by Claude Key of Key Bros., Milton. Loader replaces three men formerly used in hand pitching operation, and get one-third more peas through viners in a working day. One man now does what four did before at each set--two viners. Cost:\$450.

3087 Seed saving device used by Howard Wagner, Union county seed grower to save shattering seed. One sled dragged behind reel draper has pan underneath to catch seed, and sled at binder outlet is also to catch seed which would otherwise fall out onto the ground. Accumulated seed is shoved out onto flats for threshing later with shocks in field. (neg. 1166)

3088 Seed saving device used by Howard Wagner, Union county seed grower, to save shattered seed. One sled dragged beneath reel draper has pan underneath to catch seed, and sled at binder outlet is also to catch seed which would otherwise fall out onto the ground. Accumulated see is shoved out onto flats for thresing later with shocks in field. (neg. 1167)

3089 Seed saving device used by Howard Wagner, Union county seed grower, to save shattered seed. One sled dragged beneath reel draper has pan underneath to catch seed, and sled at binder outlet is also to catch seed which would otherwise fall out onto the ground. Accumulated see is shoved out onto flats for thresing later with shocks in field. (neg. 1168)

3090 Seed saving device used by Howard Wagner, Union county seed grower, to save shattered seed. One sled dragged beneath reel draper has pan underneath to catch seed, and sled at binder outlet is also to catch seed which would otherwise fall out onto the ground. Accumulated see is shoved out onto flats for threshing later with shocks in field. (neg. 1169) 3091 Seed saving device used by Howard Wagner, Union county seed grower, to save shattered seed. One sled dragged beneath reel draper has pan underneath to catch seed, and sled at binder outlet is also to catch seed which would otherwise fall out onto the ground. Accumulated see is shoved out onto flats for threshing later with shocks in field. (neg. 1171) 3092 Seed saving device used by Howard Wagner, Union county seed grower, to save shattered seed. One sled dragged beneath reel draper has pan underneath to catch seed, and sled at binder outlet is also to catch seed which would otherwise fall out onto the ground. Accumulated see is shoved out onto flats for threshing later with shocks in field. (neg. 1172)

3093 Horticulture - General; Photo by R.G. Fowler, Jr., July 1950.

Norton Taylor, Umatilla county extension agent at Milton, shown pointing out 2,4-D drift damage to young maple trees in nursery near Milton. (neg. 1173)

3094 Crops - Grass; Photo by R.G.Fowler, Jr., July 1950.

Young workers shocking bound grass bundles on field owned by Howard Wagner near Imbler in Union county. Bundles are shocked to cure before threshing. Crop is alta fescue. (neg. 1174)

3095-3096 Horticulture - General; Photos by R.G. Fowler, Jr., July 1950.

3095 Norton Taylor, Umatilla county extension agent at Milton, shown pointing out 2,4-D drift damage to young maple trees in nursery near Milton. (neg. 1175)

3096 Norton Taylor, Umatilla county extension agent at Milton, shown pointing out 2,4-D drift damage to young maple trees in nursery near Milton. (neg. 1176)

3097 Equipment - General; Photo by R.G. Fowler, Jr., July 1950.

View of baed hay slide used by Frank J. Parent, Rt. 2, Freewater, to put hay into his barn. Barn floor is 55 feet below bluff in background. (neg. 1177)

3098 Horticulture - General; Photo by R.G. Fowler, Jr., July 1950.

Norton Taylor, Umatilla county extension agent with headquarters at Milton, is shown poitong out 2,4-D drift damage to grapes. (neg. 1178)

3099 Conservation - General; Photo by R.G. Fowler, Jr., July 1950.

From left, George Mitchell, superintendent, Moro branch experiment station, Bill Hall, plant breeder, examining thickness of stand of pubescent wheatgrass in grassed waterway on the station. (neg. 1180)

3100 Equipment - General; Photo by R.G. Fowler, Jr., July 1950.

Frank J. Parent, Route 2, Freewater, is shown demonstrating his gravity hewn mow filling slide. His barn is 55 feet lower than a plateau on his farm, and he has built a slide to transport baled hay from the field directly into the mow. He puts in as many as 50 bales in 5 minutes. (neg. 1186)

3101 Dairy - General; Photo by R.G. Fowler, Jr., July 1950.

From left, H.P.C. Nielsen, and Dr. G.H. Wilster, dairy manufacturing professors at OSC, grading butter. (neg. 1187)

3102 Home Economics - Clothing; Photo by R.G. Fowler, Jr., July 1950.

Miss Bai Plang, Philippine Islands, is shown being instructed in use of the sewing machine by Miss Gertrude Strickland, OSC home economics department. Miss Plang, a Moro, was at OSC studying on a fellowship provided by the state department. (neg. 1188)

3103 Poultry - General; Photo by R.G. Fowler, Jr., July 1950.

From left, scene taken during three day poultry short course on the OSC campus, shows William Belozor, Oregon City, and Harry H. Amey, Boring, learning how to candle eggs. (neg. 1189)

3104-3105 Poultry - Management; Photos by R.G. Fowler, Jr., July 1950.

3104 Dr. E.M. Dickinson, white coat in center, is shown instructing poultry short-course students at OSC how to vaccinate for fowl-pox. Dr. Dickinson is in charge of the poultry disease laboratory. (neg. 1190)

3105 Dr. E.M. Dickinson, left, is shown instructing student how to vaccinate for fowl-pox during a poultry short-course at OSC. Holding the bird is P.D. Fritz, McMinnville, a student. (neg. 1191)

3106-3108 Equipment - General; Photos by R.G. Fowler, Jr., July 1950.

3106 It's fun but it isn't safe riding on a tractor. This photo was used in connection with the 1950 National Farm Safety week campaign. Riding with the driver is Mickey Huber, 6, Corvallis. (neg. 1195)

3107 As a National Farm Safety Week campaign picture, this photo shows the driver motioning the youngster to stand away from the machine. (neg. 1196)

3108 Unguarded power take-off on tractor is being pointed out by James E. Wiles, farm safety representative, State Industrial Accident Commission. (neg. 1197)

3109 Equipment - General; Photo taken by R.G. Fowler, Jr., July 1950.

Cluttered store room is an unsafe place for children to play as Mickey Huber, 6, Corvallis, demonstrates. (neg. 1198)

3110-3112 Equipment - General; Photos taken by R.G. Fowler, Jr., July 1950.

3110 Cross piece on incline is a work hazard as James E. Wiles, farm safety representative, State Industrial Accident Commission demonstrates. (neg. 1199)

3111 Loose rungs on ladder are unsafe. Testing them is James E. Wiles, farm safety representative, State Industrial Accident Commission. (neg. 1200)

3112 Tool sharpening is an everyday task on farms and too few grinders are equipped with shields for the operators eyes as is this grinder being demonstrated. Shown is James E. Wiles, farm safety representative, State Industrial Accident Commission. (neg. 1201)

3113 Dairy - Animals; Photo taken by R.G. Fowler, Jr., July 1950.

Professor J.H. Byers, OSC dairy department, demonstrates safe handling of a bull at the college dairy barn. Note heavy plank fence, blinders and staff. (neg. 1202)

3114-3115 Equipment - General; Photos taken by R.G. Fowler, Jr., July 1950.

3114 Mickey Huber, 6, Corvallis, demonstrates unsafe truck riding practice. (neg. 1203)

3115 M.G. Huber, OSC extension agricultural engineer, demonstrates the way a guard on a combine works. It should be left in place. (neg. 1204)

3116 Crops - General; Photo taken by R.G. Fowler, Jr., July 1950.

From left, Rex Warren, OSC extension farms crop specialist, and Norton Taylor, Umatilla county extension agent, are shown examining 2,4-D drift damage to locust tree near Milton. (neg. 1209)

3117 Home Economics - General; Photo taken by R.G. Fowler, Jr., August 1950.

Luncheon table set-up. (neg. 1210)

3118-3121 4-H - Clothing; Photos taken by R.G. Fowler, Jr., August 1950.

3118 Jo Ann Roberts, 19, Shedd, is pictured wearing the suit which she made and modeled to the state championship of style revue at the 1949 state fair. material in it cost \$25.96; the hat \$7.50. (neg. 1211)

3119 Jo Ann Roberts, 19, Shedd, is pictured wearing the suit which she made and modeled to the state championship of style revue at the 1949 state fair. material in it cost \$25.96; the hat \$7.50. (neg. 1212)

3120 Jo Ann Roberts, 19, Shedd, style revue champion at the 1949 state fair, is shown wearing a summer formal she made in a 4-H club project. Photo taken in her home near Shedd in Linn county. (neg. 1213)

3121 Jo Ann Roberts, 19, Shedd, style revue champion at the 1949 state fair, is shown wearing a summer formal she made in a 4-H club project. Photo taken in her home near Shedd in Linn county. (neg. 1214)

3122 Conservation - Irrigation; Photo taken by R.G. Fowler, Jr., August 1950.

Charlie Swango, Lane county farmer, minding ditch in field wher alta fescue and clover is being irrigated. Utilizing flood irrigation water taken from Muddy creek, Swango has been flood irrigating since 1938. Before this time, he utilized a sprinkler outfit installing it about 1930. (neg. 1220)

3123-3124 Home Economics - Clothing; Photo taken by R.G. Fowler, Jr., August 1950.

3123 Step in tiloring workshop is preparing a muslim patter for coat. it is prepared in this fashion in order to avoid cutting more expensive woolen material before perfect fit is achieved. Miss Murel Scales, OSC clothing and textiles specialist, is shown fitting Mrs. Marjorie White, Marion county extension agent. (neg. 1225)

3124 Fitting fault--wrinkled back near neckline--is pointed ou by Miss Murle Scales, OSC clothing and textiles specialist. Material is muslin used in perfect tailoring workshop. (neg. 1227)

3125-3126 Conservation - General; Photos taken by R.G. Fowler, Jr., August 1950.

3125 To rid his farm of quackgrass, Jess C. Minson, Powell Butte farmer, plows with his two bottom plow without the moldboards. Thus, the furrow slice is raised but not turned over. This way, the quackgrass roots are lifted and dried. (neg. 1228)

3126 Jess C. Minson, left, and son, Charles, examine quackgrass roots exposed by plowing with moldboards. Be exposing roots, the quackgrass dies and is later removed by cultivation and raking following by burning. (neg. 1232)

3127 Beef - Equipment; Photo taken by R.G. Fowler, Jr., August 1950.

Portable haystack fence used on the Oliver and Keerins ranch, John Day, has in slope to prevent cattle from rubbing against or jumping over it. Portable section fence allows stacks to be raised wherever is convenient and to be moved annually to prevent weeds from growing up in the fence row and around the stack. (neg. 1233)

3128-3130 Poultry - Equipment; Photos taken by R.G. Fowler, Jr., August 1950.

3128 Bulk feeding handling truck owned by the Dairy Cooperative association, Portland, is shown delivering breeder mash at the Gerald Avery poultry farm, Tualatin. The outfit shown hold 8 tons of mash at each stop and drives away in less than 30 minutes. From left, R.E. Gehring, hired man; and Wilbert Maxwell, co-op tuck driver. Note feed room is in second floor of laying house. Inside, bins are equipped with downspouts to serve first floor. (neg. 1234)

3129 Bulk feeding handling truck owned by the Dairy Cooperative association, Portland, is shown delivering breeder mash at the Gerald Avery poultry farm, Tualatin. The outfit shown hold 8 tons of mash at each stop and drives away in less than 30 minutes. From left, R.E.

Gehring, hired man; and Wilbert Maxwell, co-op truck driver. Note feed room is in second floor of laying house. Inside, bins are equipped with downspouts to serve first floor. (neg. 1235)

3130 Kelly Myers, Tualatin, hired man for Gerald Avery, is shown using portable six-inch auger outfit used to transfer sawdust little from pile outdoors into laying house. Once there, it is spread to a depth of eight inches. Sawdust comes from a box factory which saws kiln dried lumber. Cedar saw was the former litter. (neg. 1236)

3131-3132 Poultry - Management; Photos by R.G. Fowler, Jr., August 1950.

3131 Downspout from second story feed room serves first floor in two-story laying house owned by Gerald Aver, seen, Tualatin, Oregon White Leghorn breeder and hatcheryman. Second story feedroom is possible because of bulk handling system which allows feed to be put upstairs through auger. (neg. 1237)

3132 Gerald Avery, Tualatin, Oregon white Leghorn breeder and hatcheryman, pours feed into hoppers from opening in hallway. This step saver makes faster feeding. (neg. 1238)

3133-3135 Poultry - Equipment; Photos by R.G. Fowler, Jr., August 1950.

3133 Gerald Avery, Tualatin, White Leghorn breeder and hatcheryman, is shown fastening no dump device on his bulk storage grain bin to keep his kids from opening it. (neg. 1239)

3134 Gerald Avery, Tualatin, White Leghorn poultryman, is shown getting a sack of grain from one of his two bulk storage bins. (neg. 1240)

3135 Gerald Avery, Tualatin, is shown marking the trapnest record for one of his white leghorns. Note feed hopper below nests which is filled from alleyway outside pen. Wire pen partitions folded against ceiling also may be dropped to divide house into pen mating units. (neg. 1241)

3136-3146 Home Economics - General; Photos by R.G. Fowler, Jr., September 1950.

3136 Miss Mary Beth Minden, OSC extension home management specialist, demonstrates sit down ironing method using cord holder, card table and square ironing board. (neg. 1242)

3137 Miss Mary Beth Minden, OSC extension home management specialist, shows construction and cover arrangement of square, card table top ironing board. Sitting in straight backed chair makes ironing easier. (neg. 1243)

3138 Scene taken during slip cover workshop held at OSC during September 1950. (neg. 1249)

3139 Scene taken during slip cover workshop held at OSC during September 1950. (neg. 1250)

3140 Scene taken during slip cover workshop held at OSC during September 1950. (neg. 1251)

3141 Scene taken during slip cover workshop held at OSC during September 1950. (neg. 1252)

3142 Scene taken during slip cover workshop held at OSC during September 1950. (neg. 1253)

3143 Scene taken during slip cover workshop held at OSC during September 1950. (neg. 1254)

3144 Scene taken during slip cover workshop held at OSC during September 1950. (neg. 1255)

3145 Miss Mary Beth Minden, OSC Extension home management specialist, is shown with a table top ironing board which allows the user to sit instead of stand while using it. The board is half-inch plywood and measures 22 by 40 inches. (neg. 1256)

3146 Miss Mary Beth Minden, OSC Extension home management specialist, is shown with a table top ironing board which allows the user to sit instead of stand while using it. The board is half-inch plywood and measures 22 by 40 inches. (neg. 1257)

3147 Horticulture - Tree Fruits; Photo by R.G. Fowler, Jr., September 1950.

School girls picking prunes on the Harry Schmeltzer farm near Scholls in Washington county. Wage: 20 cents a box. (neg. 1258)

3148-3151 Equipment - Harvest; Photo by R.G. Fowler, Jr., September 1950.

3148 Prune catching frames owned by William Berndt, RFD 3, Salem. Each measures 9 by 20 feet and are easily handled by two men. Wheels are 14 inches and are on 3/4 inch pipe axles. Axle braces are 1/4 inch pipe; all other rigid work is inch pipe. Sacking is hop bale burlap. This type of catching device is used with a mechanical shaker will cut harvesting costs by 75 percent. (neg. 1259)

3149 Prune catching frames owned by William Berndt, RFD 3, Salem. Each measures 9 by 20 feet and are easily handled by two men. Wheels are 14 inches and are on 3/4 inch pipe axles. Axle braces are 1/4 inch pipe; all other rigid work is inch pipe. Sacking is hop bale burlap. This type of catching device is used with a mechanical shaker will cut harvesting costs by 75 percent. (neg. 1259)

3150 To remove litter from prunes caught in catching frame, it is necessary to use a field cleaner. This tractor drawn outfit was built by Harry Schmeltzer, Scholls. It's capacity is a box a minute. Litter is blown out by wind from duster which is directed upwards from beneath the endless belt. (neg. 1261)

3151 To remove litter from prunes caught in catching frame, it is necessary to use a field cleaner. This tractor drawn outfit was built by Harry Schmeltzer, Scholls. Its capacity is a box a minute. Litter is blown out by wind from duster which is directed upwards from beneath the endless belt. (neg. 1262)

3152-3158 Horticulture - Tree Fruits; Photos by R.G. Fowler, Jr., September 1950.

3152 A.N. Roberts, OSC agricultural experiment station horticulturist, is shown examining Golden Delicious apples on very-dwarf three year old trees planted in a hedgerow on the Lewis-Brown horticultural farm in Linn county. Trees were planted four feet apart and while three years of age are in the second bearing year. Rootstock is Malling IX. (neg. 3152)

3153 Semi-dwarf Golden Delicious apple tree three years of age growing on the Lewis-Brown horticultural farm, OSC. It is bearing for the first time. A.N. Roberts, agricultural experiment station horticulturist, is shown. The tree is on Malling stock IX. (neg. 1264)

3154 View through semi-dwarf apple trees on the Lewis-Brown horticultural farm in the OSC experiment station. (neg. 1265)

3155 A Jonathan very-dwarf apple tree on Malling stock IX. Planting hedgerow containing many different varieties. Lewis-Brown horticultural farm, OSC. (neg. 1266)

3156 An Espalier apple tree planting on the Lewis-Brown horticultural farm, OSC. From the French, meaning trained, this type of tree is suitable for planting against a building or wall. It is a Starkings Delicious in central foreground. Trees are three years of age. (neg. 1267)

3157 "Very-dwarf Jonathan apple tree on Malling stock IX on the Lewis-Brown hort farm, OSC. Tree is three years of age and is bearing for the second time. (neg. 1268)

3158 A.N. Roberts, OSC agricultural experiment station horticulturist, is shown examining a Golden Delicious very-dwarf apple tree on the Lewis-Brown hort farm, OSC. (neg. 1269)

3159-3160 Dairy - Pastures; Photos by R.G. Fowler, Jr., September 1950.

3159 Jerserys owned by Ralph Cope, II, Langlois, Oregon on Ladino clover and perennial ryegrass pasture. (neg. 1271)

3160 Jerserys owned by Ralph Cope, II, Langlois, Oregon on Ladino clover and perennial ryegrass pasture. (neg. 1272)

3161-3166 Dairy - Animals; Photos by R.G. Fowler, Jr., September 1950.

3161 Opal Crystal Lady, 2X butterfat production record holder for 365 days on official test, behind animal from left are: Irv Slater, Jersey Cattle Club fieldman, Boise, Idaho; Professor Floyd B. Wolberg, OSC, on charge of official testing; Governor Douglas McKay; and Ralph Cope, Langlois, the cows owner. Her record is 1237 pounds of butterfat in 23725 pounds of

milk. Opal is the first cow of any breed to produce three consecutive 1,000 butterfat lactations. Her test period was ended October 12, 1950. In addition to the all-breed marks, she set three Jersey breed records: 2X and 3X a day butterfat for 365 days and a total milk record. (neg. 1274)

3162 Behind Opal Crystal Lady, worlds champion butterfat producer on twice a day milking for 365 days, are, from left: Irv Slater, Jersey Cattle Club fieldman, Boise, Idaho; Marlin Fox, Molalla, Oregon Jersey Cattle Club President; Governor Douglas McKay; Ralph E. Cope, II, Langlois, the cows owner; and his mother; Mrs. Phil Cope. (neg. 1275)

3163 Behind Opal Crystal Lady, worlds champion butterfat producer for twice daily milking--365days--are; from left: Governor Douglas McKay; Mrs. Phil Cope; and her son, Ralph, the cows owner. Ralph is a veteran of 10 years of dairy 4-H club work in Oregon--1934-1944. (neg. 1276)

3164 Opal Crystal Lady, held by her owner, Ralph E. Cope, II, Langlois, is the worlds butterfat production champion on two a day milking for 365 days. Her record is 1237 pounds of fat in 23,725 pounds of milk. (neg. 1277)

3165 Scene in the pasture at Ralph Copes, Langlois, showing the butterfat production champion, Opal Crystal Lady. Her record on twice a day milking for 365 days--1237 pounds of butterfat in 23725 pounds of milk. First cow of any breed to complete three consecutive lactations with 1,000 pounds of butterfat in each. The butterfat figure, 1237 pounds, bests the former Jersey breed marks for both two and three a day milking. The milk total bested the former Jersey milk record set in 1928 by 48 pounds. (neg. 1278)

3166 Ralph E. Cope, II, Langlois dairyman with his worlds champion butterfat producing champion, Opal Crystal Lady. Her record of 1237 pounds of butterfat on 2x a day milking, 365 day official test. First cow of any breed to produce 1000 pounds of butterfat on 2x a day milking in each of the three consecutive lactations. Also, set three Jersey breed records : total milk, besting a record set in 1928, 23,677 pounds set by Abigail of Hillside, owned by J.T. Carpenter, Bardwells Ferry. Massachusetts; two a day milking; and three times a day milking record set by Orrland Signal Volunteer Sable, Victory Jersey Farm, Tulia, Texas--set in 1949. (neg. 1279)

3167 Publicity - General; Photo by R.G. Fowler, Jr., September 1950.

Proving that anybody of anything can talk with Arnold Ebert on KOAC, he is caught in the act while interviewing a cow on the Ralph Cope farm near Langlois. He is radio farm director. (neg. 1280)

3168 Dairy - Animals; Photo by R.G. Fowler, Jr., September 1950.

Purebred Jerseys on the Ralph Cope farm, Langlois, show interest in the camera. (neg. 1283)

3169 Dairy - Equipment; Photo by R.G. Fowler, Jr., September 1950.

From left, standing: Irv Slater, Boise, Idaho, American Jersey Cattle club fieldman; Marlin Fox, Molalla, president of the Oregon Jersey Cattle Club. On haunches from left: Professor Floyd B. Wolberg, OSC, in charge of Oregon's official dairy testing program; Jens Svinth, Grants Pass, secretary of the Oregon Jersey Cattle Club and Josephine county extension agent; Ralph Cope with milking machine; and H.P. Ewalt, OSC, extension dairy specialist. Photo taken in Ralph Copes milking parlor, Langlois. Cow is Opal Crystal Lady, world's champion butterfat producer on 2x daily milking. (neg. 1286)

3170 Dairy - Animals; Photo by R.G. Fowler, Jr., September 1950.

H.S. Cadman, Langlois, is shown watering calves in his calf barn. They are raised to yearling age indoors to avoid lung worms which abound in local pastures. (neg. 1289)

3171 Home Economics - Clothing; Photo by R.G. Fowler, Jr., October 1950.

Nancy Lou Strother, county extension agent at large, models sleeve made by a process developed by Miss Murle Scales, specialist in clothing and textiles, right. (neg. 1291)

3172 Home Economics - General; Photo by R.G. Fowler, Jr., October 1950.

Miss Lucy Lane, clothing and textiles specialist, shows Christmas stockings and stuffed toys, for which directions to make are available through OSC. (neg. 1292)

3173-3174 Publicity - General; Photos by R.G. Fowler, Jr., October 1950.

3173 Officers for the Oregon Dairy Breeders association picked during the fifth annual meeting in Corvallis. From left: Henry Hagg, Reedville, re-elected secretary-treasurer; and Ben Simonson, Corvallis, association manager. (neg. 1293)

3174 Officers of the Oregon Dairy Breeders association chosen during the group's fifth annual meeting in Corvallis. From left: A.H. Abts, Hillsboro, re-elected secretary-treasurer; Henry Hagg, Reedville, re-elected president; and Vernon DeLong, La Grande, vice-president. (neg. 1294)

3175-3176 Home Economics - General; Photos by R.G. Fowler, Jr., October 1950.

3175 Constructing a lamp shade as a home economics unit project in Benton county, are, from left: Mrs. C. R. Thompson, RFD 3, Corvallis, and watching is Mrs. Henry Lanouette, RFD 3, Corvallis. (neg. 1295)

3176 Constructing a lamp shade as a home economics unit project in Benton county, are, from left: Mrs. C. R. Thompson, RFD 3, Corvallis, and watching is Mrs. Henry Lanouette, RFD 3, Corvallis. (neg. 1295)

3177-3181 4-H - Publicity; Photos by R.G. Fowler, Jr., November 1950.

3177 Marlin Byers of Klamath Falls, surveys the world from a tractor after winning the tractor operators contest held in November 8 during the statewide 4-H Tractor Maintenance Leader training Clinic at OSC. (neg. 1302)

3178 Dave Allen of Albany, adjusts the timing of a tractor as two members of his Linn County Tractor Maintenance Club look on. The boys, Bobby Hayes, 16, and Douglas Gatchel, 14, presented a demonstration on Timing during the statewide 4-H Tractor Maintenance Leader Training Clinic which Mr. Allen attended November 6 to 10 at OSC. (neg. 1301)

3179 4-H club leaders Bill Talbert, left, of Milton, and Ed Hoeft, of Pendleton, begin to inspect a tractor during the statewide 4-H Tractor Maintenance Leader Training Clinic held November 6 to 10 at OSC. (neg. 1303)

3180 4-H club leaders Eugene Evers, 19, left, of Forest Grove, and Herman J. Freudenthal of Hillsboro, inspect the wiring of a tractor during the statewide 4-H Tractor Maintenance Leader Training Clinic held November 6 to 10 at OSC. (neg. 1304)

3181 Four-H club leader R.G. De Priest of Friend, prepares to inspect an oil filter of a tractor as Hess Williams of Portland, agricultural representative of the General Petroleum Corporation of Los Angeles, looks on. Mr. De Priest won second place in the tractor operators contest held during the statewide 4-H Tractor Maintenance Leader Training Clinic at OSC, November 6-10. (neg. 1305)

3182 Publicity - General; Photo by R.G. Fowler, Jr., December 1950.

During the 10th annual seed growers league meeting, Portland, four growers got together to talk chemicals. Left to right: M.F. Sandoz, Madras, ladino grower; Reed Jagger, Oregon City, Italian fescue grower; Murray E. Meade, Grants Pass, ladino clover grower; and C.C. Hoover, Medford, lotus corniculatus grower. (neg. 1307)

3183 Dairy - Animals; Photo by R.G. Fowler, Jr., November 1950.

Shown with Dr. I.R. Jones, OSC dairy department staffmember who is in charge of college dairy herd, are three Holstein half-sisters who held their places in the college herd well into their fifth year. From left is Mae--201774 milk and 6378.6 fat; June--179992 milk and 6346.5 fat; and Ida--187107 milk and 5581.5 fat. HIR records add up to 568803 milk and 19,306.7 fat. Sire was Sir Inka Bess Burke Aagie, on loan from Mt. Angel college for a few months in 193. His nine daughters in the college herd raised the the butterfat averages of their dams 61 pounds; milk milk 3090 pounds. (neg. 1309)

3184-3185 Fertilizers - Trials; Photo by R.G. Fowler, Jr., December 1950.

3184 Crimson clover grown on Polk clay loam soil from the Roy King farm, Union Hills in Marion County. The soil was taken from a field of Chewings fescue that has been in for about eight years. (neg. 1311)

3185 Crimson clover grown on Polk clay loam soil from the Roy King farm, Union Hills in Marion County. The soil was taken from a field of Chewings fescue that has been in for about eight years. (neg. 1312)

3186 Publicity - General; Photo by R.G. Fowler, Jr., January 1951.

Officers of the Oregon Essential Oil Growers league are, from left: A.P. Steenland, OSC extension plant pathology specialist, secretary-treasurer; H.H. Myers, Springfield, vice-chairman; and Jack D. Sather, Clatskanie, chairman. (neg. 1314)

3187 4-H - Publicity; Photo by R.G. Fowler, Jr., January 1951.

Colleen Dooley, 16, Tillamook 4-H club girl who was a 1950 national winner in the recreation and rural arts project. A veteran of 8 years of 4-H club work, she belongs to a 4-H hobby club. Her hobby is painting especially with tempera as you see here. Statistics: 54, red hair. blu eyes, and livs on a dairy farm. (neg. 1316)

3188 Sheep - Management; Photo by R.G. Fowler, Jr., January 1951.

Slide opening in frequently used sheep panel is a time saver, finds Ronald Hogg, Salem Hampshire breeder, shown moving a lamb and ewe through the gate panel. (neg. 1323)

3189 Sheep - Animals; Photo by R.G. Fowler, Jr., January 1951.

Hampshire ewe withtwins owned by Ronald Hogg, Salem. Note size of ewes under udder. (neg. 1327)

3190-3195 4-H - Publicity; Photos by R.G. Fowler, Jr., February 1951.

3190 The line-up of Oregons delegation to the 1951 National 4-H club camp held in Washington, D.C.: from left, Francis Reynolds, 18 of Prineville; Ronald Baker, 16, of Ione; Katheleen Johnston, 19, of Klamath Falls; and Deloris Sell, 20, of Riverton. (neg. 1335)

3191 The 4-Hers who represented Oregon atthe 1951 national 4-H Club Camp in Washington D.C.: from left, Ronald Baker, 16 of Ione; Deloris Sell, 20, of Riverton; Francis Reynolds, 18 of Prineville; and Kathleen Johnston, 19, of Klamath Falls. (neg. 1336)

3192 Francis Reynolds ,18, of prineville, one of Oregons delegates to the 1951 National 4-H Club Camp held in Washington, D.C. (neg. 1337)

3193 Deloris Sell, 20, of Riverton, one of Oregons delegates to the 1951 National 4-H Club Camp held in Washington, D.C. (neg. 1338)

3194 Kathleen Johnston, 19, of Klamath Falls, one of Oregons delegates to the 1951 National 4-H Club Camp held in Washington, D.C. (neg. 1337)

3195 Ronald Baker, 16, of Ione, one of Oregon's delegates to the 1951 National 4-H Club Camp held in Washington, D.C. (neg. 1339)

3196 Conservation - Drainage; Photo by R.G. Fowler, Jr., February 1951.

Drainage ditch in the process of being blasted on the L.L. Rumgay farm, Oregon City. Mel Hagood, OSC extension specialist, foreground. (neg. 1342)

3197 Conservation;- Drainage; Photo by R.G. Fowler, Jr., February 1951.

Mel Hagood, OSC extension irrigation specialist, wiring cap to extension wire from detonator preparatory to setting off the placed charge. (neg. 1349)

3198 Crops - Grass; Photo by R.G. Fowler, Jr., February 1951.

Alta fescue seeded in contour rows on a hilly farm in Clackamas county. (neg. 1350)

3199 Dairy - Animals; Photo by R.G. Fowler, Jr., February 1951.

Jersey calf photographed in OSC dairy barn. (neg. 1354)

3200-3202 Publicity - General; Photos by R.G. Fowler, Jr., February 1951.

3200 From left: Maxine Swain, Colton Foothills Grange No. 831, serving on the registration desk during the Oregon State Grange lecturers school held at OSC on February 1 and 2. Center with pencil, registering, is Mrs. Odell Panter. Bandon Grange No. 702; and right, Louis Platt, Kilchis Grange. (neg. 1357)

3201 From left: Mrs. Beulah Moore, Oregon City, Oregon State Grange lecturer, and J.R. Beck, OSC extension service

, discussing plans for the Oregon State Grange lecturers school held at OSC February 1 and 2. Beck was the college representative handling the program. (neg. 1358)

3202 From left: Dean F.E. Price, OSC; Charles Hornecker, Cornelius; and W.M. Langan, school of agriculture personnel advisor, are pictured during presentation scene at the annual Ag banquet at OSC when Hornecker was presented with a \$500 scholarship by Delta Upsilon Educational Foundation. During his first four terms at OSC, Hornecker averaged a 3.84 grade average. (neg. 1359)

3203 Equipment - General; Photo by R.G. Fowler, Jr., January 1951.

Workman on the Walter P. Hubbard farm, Junction City, shows how sacks hooked over nails in the lambing shed assist in keeping the bale cord picked up. Otherwise it goes in the bedding to become tangled in manure and straw. (neg. 1361)

3204 Beef - Bulls; Photo by R.G. Fowler, Jr., February 1951.

Range bull in winter feed lot on the Harry Stearns ranch, Prineville. (neg. 1370)

3205-3206 Equipment - General; Photos by R.G. Fowler, Jr., March 1951.

3205 Arthur Guthrie, Eugene, is shown using a wire winder powered from the power take off in his tractor. With bean trellis wire off posts and ready to roll, he has wound 64,000 feet of it in a single day. The outfit will work equally well for both single strand barbed wire or smooth wire. Device was built by Rear Brothers, Eugene. (neg. 1383)

3206 Arthur Guthrie, Eugene, is shown using a wire winder powered from the power take off in his tractor. With bean trellis wire off posts and ready to roll, he has wound 64,000 feet of it in a single day. The outfit will work equally well for both single strand barbed wire or smooth wire. Device was built by Rear Brothers, Eugene. (neg. 1384)

3207-3208 Poultry - Equipment; Photos by R.G. Fowler, Jr., March 1951.

3207 James Hemmenway, RFD 1, Cottage Grove, is shown with a brooder which utilizes brooder house roosts and tar paper for a hover around infra-red 250 watt light bulbs. The hovers measure 36" x 8' and are 16" high off the floor which is sawdust covered. (neg. 1385)

3208 James Hemmenway, RFD 1, Cottage Grove, is shown with a brooder which utilizes brooder house roosts and tar paper for a hover around infra-red 250 watt light bulbs. The hovers measure 36" x 8' and are 16" high off the floor which is sawdust covered. (neg. 1386)

3209-3210 Swine - Management; Photos by R.G. Fowler, Jr., March 1951.

3209 Robert Goracke, RFD 3, Junction City, is shown putting feed into hog self feeder in his hog home. He plants fall barley with hairy vetch and figures he turns out three 220 pound market hogs per ton of barley. He buys weaners. (neg. 1388)

3210 Left, Stonewall Jackson, Benton county extension agent, and Robert Goracke, RFD 3, Junction City, are shown in the latter's hog house. Oiler in foreground. Goracke uses sawdust litter storing it overhead. When the hogs go to market, he cleans built up litter and steam cleans the house and equipment before bringing in other weaners. (neg. 1390)

3211-3216 Equipment - General; Photos by R.G. Fowler, Jr., April 1951.

3211 Garfield Rear, Eugene, is shown using portable farm shop used by him and his brother, Jim, to make repairs in the field on equipment owned by neighboring Lane county farmers. Outfit includes drill press, grinder, trouble lights, hydraulic hoist, welding machine, cutting equipment and small tools. (neg. 1391)

3212 Garfield Rear, Eugene, is shown using portable farm shop used by him and his brother, Jim, to make repairs in the field on equipment owned by

neighboring Lane county farmers. Outfit includes drill press, grinder, trouble lights, hydraulic hoist, welding machine, cutting equipment and small tools. (neg. 1392)

3213 Garfield Rear, Eugene, is shown using portable farm shop used by him and his brother, Jim, to make repairs in the field on equipment owned by neighboring Lane county farmers. Outfit includes drill press, grinder, trouble lights, hydraulic hoist, welding machine, cutting equipment and small tools. (neg. 1393)

3214 Garfield Rear, Eugene, is shown using portable farm shop used by him and his brother, Jim, to make repairs in the field on equipment owned by neighboring Lane county farmers. Outfit includes drill press, grinder, trouble lights, hydraulic hoist, welding machine, cutting equipment and small tools. (neg. 1394)

3215 Garfield Rear, Eugene, is shown using portable farm shop used by him and his brother, Jim, to make repairs in the field on equipment owned by neighboring Lane county farmers. Outfit includes drill press, grinder, trouble lights, hydraulic hoist, welding machine, cutting equipment and small tools. (neg. 1395)

3216 Garfield Rear, Eugene, is shown using portable farm shop used by him and his brother, Jim, to make repairs in the field on equipment owned by neighboring Lane county farmers. Outfit includes drill press, grinder, trouble lights, hydraulic hoist, welding machine, cutting equipment and small tools. (neg. 1396)

3217-3223 Equipment - Tillage; Photos by R.G. Fowler, Jr., April 1951.

3217 Milburn and Donald Mohn, Troutdale, have conquered washing problem in their strawberry fields through the use of rotor tiller piece of equipment they have built. It enables a grower to plant a cover crop between rows, and rotor tiller follows a plowing down time and buries it. Two 15 inch drums with 12 blades rotate at 520 rpms. It plows to a depth of 2 inches. (neg. 1397)

3218 Milburn and Donald Mohn, Troutdale, have conquered washing problem in their strawberry fields through the use of rotor tiller piece of equipment. It enables a grower to plant a cover crop between rows, and rotor tiller follows a plowing down time and buries it. Two 15 inch drums with 12 blades rotate at 520 rpms. It plows to a depth of 2 inches. (neg. 1398)

3219 Milburn and Donald Mohn, Troutdale, built the grape hoe shown to cultivate between caneberry rows. Equipment on the tractor side has an in and out blade feature to miss hills. Thus, by cultivating between rows, it eliminates costly hand hoeing. John Liepold, Troutdale, who is demonstrating says it will cover 5 acres of berries per day. (neg. 1399)

3220 Milburn and Donald Mohn, Troutdale, built the grape hoe shown to cultivate between caneberry rows. Equipment on the tractor side has an

in and out blade feature to miss hills. Thus, by cultivating between rows, it eliminates costly hadn hoeing. John Liepold, Troutdale, who is demonstrating says it will cover 5 acres of berries per day. (neg. 1400)

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3224-3225 Beef - General; Photos by R.G. Fowler, Jr., April 1951.

3224 Branding using a titlt able at the Joe Oliver ranch, John Day. With the set-up shown, shown, the crew can dehorn, brand, castrate and give each animal a shot within 60 seconds. Joe Oliver is the man handling the hot iron. The vaccination includes a shot a for black-leg, malignant adema and shipping fever. The table is portable in order that it may be loaded on a truck and hauled to wherever needed. (neg. 1405)

3225 Holding corrals and entrances to handling chutes on the Joe Oliver ranch, John Day. One chute us for cows, the other for calves. Scene taken during branding. (neg. 1415)

3226 Beef - Animals; Photo by R.G. Fowler, Jr., April 1951.

Calves from two-years old heifers at the Joe Oliver raanch, John Day. (neg. 1421)

3227-3229 Publicity - General; Photos by R.G. Fowler, Jr., April 1951.

3227 Glenn Klein, 23, of Aumsville, Oregons delegate in the 1951 International Farm Youth Exchange Program, before leacing for New Zealand. Glenn is president of Mu Beta Beta and a member of the Campus 4-H Club. (neg. 1437)

3228 Glenn Klein, 23, of Aumsville, Oregons delegate in the 1951 International Farm Youth Exchange Program, before leacing for New Zealand. Glenn is president of Mu Beta Beta and a member of the Campus 4-H Club. (neg. 1438)

3229 Glenn Klein, 23, of Aumsville, Oregon's delegate in the 1951 International Farm Youth Exchange Program, points out his destination--New Zealand--to Harold Youngberg, of Carlton. Youngberg headed the committee that raised funds for the trip through 4-H clubs in the state. Both are members of the Campus 4-H club and Mu Beta Beta, and Glenn is president of the latter. (neg. 1439)

3230-3232 Equipment - General; Photos by R.G. Fowler, Jr., May 1951.

3230 G.K. Austin, RFD 1, Aurora, shown using silage conveyor which eliminates the long toss in a wide diameter silo. Outfit is 10 feet long, powered with a 1/4 h.p. motor and has an 8 inch bottom with a number 32 detachable link steel chain and 3/4 inch angle irons placed 2 feet apart. Sideboards are 1x10s. Cost: \$24.19 less motor. (neg. 1446)

3231 G.K. Austin, RFD 1, Aurora, shown using silage conveyor which eliminates the long toss in a wide diameter silo. Outfit is 10 feet long, powered with a 1/4 h.p. motor and has an 8 inch bottom with a number 32 detachable link steel chain and 3/4 inch angle irons placed 2 feet apart. Sideboards are 1x10s. Cost: \$24.19 less motor. (neg. 1447)

3232 Motor and gear set-up on silage conveyor used by G.K. Austin, RFD1, Aurora. Outfit was built by OSC. (neg. 1448)

3233-3234 Turkey - Management; Photo by R.G. Fowler, Jr., May 1951.

3233 Sun porches used on the Smith Turkey Farm, Gervais, to raise Beltsville Whites. The narrow width porches makes them easy to take aside to clean dropping from underneath wire floors. He houses 400 birds in each unit which has a porch the size seen here, 6x24 feet. (neg. 1449)

3234 Sun porches used on the Smith Turkey Farm, Gervais, to raise Beltsville Whites. The narrow width porches makes them easy to take aside to clean dropping from underneath wire floors. He houses 400 birds in each unit which has a porch the size seen here, 6x24 feet. (neg. 1449)

3235 Poultry - Housing; Photo by R.G. Fowler, Jr., May 1951.

100 by 100 foot square house owned by Schmidts Hatchery, Hubbard. Unit has dirt floor and was built to hold 3,200 birds at a cost of \$1.50 per bird. (neg. 1452)

3236 Poultry - Management; Photo by R.G. Fowler, Jr., May 1951.

Spreading sawdust litter in the Schmidts Hatchery dirt floored house located on outskirts of Hubbard.

Unit is large enough that a truck can be driven indoors. The house has no floor other than built up litter on soil. (neg. 1453)

3237 Equipment - General; Photo by R.G. Fowler, Jr., May 1951.

Donald Mohn, 36, Troutdale, working on a caneberry picker which is powered by a tractor engine. (neg. 1455)

3238 Buildings - Farmsteads; Photo by R.G. Fowler, Jr., May 1951.

View of Ralph Cope dairy farm, Langlois, Oregon. Bull calves in foreground. (neg. 1458)

3239 Publicity - General; Photo by R.G. Fowler, Jr., May 1951.

Mrs. Phil Cope, holds her grandson, Douglas, while watching her son, Ralph, catch up on his correspondance. (neg. 1463)

3240 Crops - Grain; Photo by R.G. Fowler, Jr., May 1951.

J.H. Rea, Milton, Oregons 1950 Conservation Farmer of the Year showing H.H. Ard, Portland, Tennessee cisitor, the sights on his farm during the annual wheat league sponsored conservation field day. (neg. 1466)

3241 Conservation - General; Photo by R.G. Fowler, Jr., May 1951.

Scene taken during 1951 wheat league sponsored conservation field day on J.H. Rea farm near Milton. Rea was Oregons 1950 Conservation Farmer of the Year. Treymayne Rea is at microphone. Couty Extension Agents car is in foreground. (neg. 1467)

3242-3243 4-H - Publicity; Photos by R.G. Fowler, Jr., June 1951.

3242 Jackson county 4-H clubmembers who served as officers in tehir respective living groups during the thirty-sixth annual 4-H Club Summer School. From left, top: Wilson Moeller, Medford; Ester Smith, Medford; Mariln Bohnert, Central Point; and Juanita Chandler, Prospect. Seated, nearest, Ray Shafer, Medford; and Bill Littlefield, Shady Cove. (neg. 1469)

3243 Linn county 4-H club members who served as presidents of their respective living organizations during the thirty-sixth annual 4-H club summer school, OSC, are, from left: Jimmie Gorman, RFD 3, Lebanon; Diane Jones. RFD 2, Albany; Janice Goar, RFD 3, Scio; and Merlene Manning, Brownsille. (neg. 1470)

3244-3245 Dairy - Pastures; Photos by R.G. Fowler, Jr., June 1951.

3244 Jersey cows grazing on irrigated pasture owned by Maltby and Sons, Alsea. (neg. 1472)

3245 Jersey cows grazing on irrigated pasture owned by Maltby and Sons, Alsea. (neg. 1473)

3246-3247 Crops - Legumes; Photos by R.G. Fowler, Jr., June 1951.

3246 Profile shows Nomad creeping alfalfa plants in farm near Pendleton owned by Burlingham and Sons, Forest Grove, where the variety was increased. Note small plant growing out of lateral. This variety has spreading habit. (neg. 1477)

3247 William F. Cyrus, Hillsboro, and a Burlington and Sons employee, standing in a cheatgrass slope where Nomad creeping alfalfa was seeded with crested wheatgrass. Note alfalfa showing through cheatgrass. (neg. 1478)

3248-3252 Horticulture - Berries; Photo by R.G. Fowler, Jr., June 1951.

3248 A retired railroad engineer, J.Q. McClue, Gresham, jigs a barrel of strawberries om te Gresham Berry Growers plant, Gresham. Barrel will be frozen. (neg. 1479)

3249 George Dahlhammer, Gresham, cold storage boss for the Gresham Berry Growers tallies barrels of frozen strawberries at the plant. Each barrel weighs 467 pounds and the berries will go for production of preserves mostly. (neg. 1480)

3250 Mrs. Pearl Arlint, Troutdale, checks tests weights of 12 ounce containers of strawberries on their way to being frozen in the Gresham Berry Growers plant. (neg. 1481)

3251 Charlie Hurdt, Gresham, lidding carrel of strawberries in the Gresham Berry Growers plant, Gresham. (neg. 1482)

3252 Jack Ranck 16, Portland high school student puts boxes of strawberries on freezing trays in Gresham Berry Growers plant, Gresham. (neg. 1483)

3253-3255 Fertilizers - Applicators; Photo by R.G. Fowler, Jr., June 1951.

3253 Close-up of shank used to apply anhydrous ammonia to wheat land near Pendleton. Under pressure, liquid anhydrous ammonia is released beneath ground surface. (neg. 1485)

3254 Applying anhydrous ammonia on the E.A. Fanshier ranch west of Pendleton. Rig has 22 foot width and 22 shanks extending into soil. Tank holds 1,700 pounds of anhydrous ammonia. (neg. 1487)

3255 From left, Bob Scuening, Pendleton Grain Growers, and Jerry Whitney, Athena, inspect anhydrous ammonia injection ring being operated on the E.A. Fanshier ranch 10 miles west of Pendleton. (neg. 1488)

3256 Horticulture - Row Crops; Photo by R.G. Fowler, Jr., July 1951.

50 acre field of table beets growing in the Kiger Island district of Benton county. (neg. 1489)

3257 Dairy - Pastures; Photo by R.G. Fowler, Jr., July 1951.

4 acre irrigated ladino clover pasture supports 32 head of beef and dairy cattle for a farmer living south of Corvallis, his nam is Murphy. (neg. 1491)

3258 Equipment - Harvest; Photo by R.G. Fowler, Jr., July 1951.

Combining grass seed crops, south Benton county. (neg. 1492)

3259 Dairy - Animals; Photo by R.G. Fowler, Jr., July 1951.

Norman Nash, 38, Port Orford dairyman, holding Dandy Bright Star, 4-year old Jersey classified excellent. (neg. 1495)

3260-3262 Dairy - Housing; Photos by R.G. Fowler, Jr., July 1951.

3260 18 x 64 foot barn equipped with outdoor tie stalls owned by Norman Nash, Port Oxford dairyman. There is space for 24 atalls, and the barn was built with concrete floor for \$3500. (neg. 1496)

3261 18 x 64 foot barn equipped with outdoor tie stalls owned by Norman Nash, Port Oxford dairyman. There is space for 24 atalls, and the barn was built with concrete floor for \$3500. (neg. 1497)

3262 18 x 64 foot barn equipped with outdoor tie stalls owned by Norman Nash, Port Oxford dairyman. There is space for 24 atalls, and the barn was built with concrete floor for \$3500. (neg. 1497)

3263-3266 Conservation - Irrigation; Photo by R.G. Fowler, Jr., July 1951.

3263 Robert M. Kent, Ashland, manager of the Talent Irrigation District, is shown with his waterwheel intake screen cleaner. Piece of rubber floor matting nailed to two wheel blades brush across the 4 mesh screen and removes straw and other material sucked against it by water flow. Outfit contains less than \$5 worth of material and will go an entire irrigation season without maintenance, Otherwisem screens require cleaning about every two hours. Screes are necessary to remove particles which would not go through sprinkler heads. (neg. 1500)

3264 Robert M. Kent, Ashland, manager of the Talent Irrigation District, is shown with his waterwheel intake screen cleaner. Piece of rubber floor matting nailed to two wheel blades brush across the 4 mesh screen and removes straw and other material sucked against it by water flow. Outfit contains less than \$5 worth of material and will go an entire irrigation season without maintenance, Otherwisem screens require cleaning about every two hours. Screes are necessary to remove particles which would not go through sprinkler heads. (neg. 1501)

3265 Robert M. Kent, Ashland, manager of the Talent Irrigation District, is shown with his waterwheel intake screen cleaner. Piece of rubber floor matting nailed to two wheel blades brush across the 4 mesh screen and removes straw and other material sucked against it by water flow. Outfit contains less than \$5 worth of material and will go an entire irrigation season without maintenance, Otherwisem screens require cleaning about every two hours. Screes are necessary to remove particles which would not go through sprinkler heads. (neg. 1502)

3266 Robert M. Kent, Ashland, manager of the Talent Irrigation District, is shown with his waterwheel intake screen cleaner. Piece of rubber floor matting nailed to two wheel blades brush across the 4 mesh screen and

removes straw and other material sucked against it by water flow. Outfit contains less than \$5 worth of material and will go an entire irrigation season without maintenance, Otherwisem screens require cleaning about every two hours. Screens are necessary to remove particles which would not go through sprinkler heads. (neg. 1503)

3267-3268 Forestry - General; Photos by R.G. Fowler, Jr., June 1951.

3267 Windbreak planted on the William Lerenzen farm, Pendleton. (neg. 1505)

3268 Three-year old farmstead windbreak planted on the Roy. V. Terney farm east of Pendleton in Umatilla county. It was 3 years old in March 1951, and contains 2 rows or Russina olive, 1 row of Ponderosa pine, 1 row of fir, and 2 rows of locust trees. During the first year, Terney cultivated and watered the trees once per month during the summer. The planting contains 72 tree and Terney has lost only two--both firs, from the original planting. With the exception of the first row of Russian olive which is planted six feet apart in the row directly behind the fence, the trees were planted on 14 foot centers. (neg. 1506)

3269 Publicity - General; Photo by R.G. Fowler, Jr., June 1951.

Dr. J.G. Jensen head of the OSC department of Geography; Mr. and Mrs. Peter Nielsen, Copenhagen, Denmark (center couple); and Paul Carpenter, OSC extension specialist, are shown chatting during the second annual northwest resources institute. The Danish couple received a \$75 scholarship to the institute from Pacific Supply Cooperative, Walla Walla. (neg. 1507)

3270 Horticulture - Berries; Photo by R.G. Fowler, Jr., June 1951.

Sugaring strawberries in 30 pound tins in the farm processing plant owned by Eldon Snider, Gresham. (neg. 1511)

3271-3276 Equipment - Harvest; Photos by R.G. Fowler, Jr., June 1951.

3271 Eleven-man strawberry picking machine developed by Donald Mohn, 36, Troutdale strawberry and caneberry grower. Hauled by a tractor, the machine is also used to cut his hoeing bill in half. Workers ride the machine. (neg. 1512)

3272 Eleven-man strawberry picking machine developed by Donald Mohn, 36, Troutdale strawberry and caneberry grower. Hauled by a tractor, the machine is also used to cut his hoeing bill in half. Workers ride the machine. (neg. 1513)

3273 Donald Mohns strawberry picking machine is shown being knocked down at the end of a row in order that the turn may be made. Two outside sections are removed and inside sections fold up as shown. Hydraulic outfit on the tractor lifts entire outfit for making short turns. (neg. 1514)

3274 Riding strawberry picking machine owned by Donald Mohn, Troutdale, is Mrs. Eileen Smith, Milwaukie. View shows how individual worker pick and places berries directly ahead of hands into crates. (neg. 1515)

3275 Duane Mohn, owner Donald Mohns 11 year old son, pilots Ford tractor through strawberry field. By use of a special transmission, the tractor goes ahead at the rate of less than 1 foot to 9 feet per minute hauling picking machine. (neg. 1516)

3276 Blackcap picking machine in process of construction by Donald Mohn, Troutdale berry grower and farmer-inventor. (neg. 1517)

3277-3278 Dairy - Pastures; Photo by R.G. Fowler, Jr., June 1951.

3277 Jersey cows owned by Fred Gentemann, Junction City, grazing in irrigated pasture. (neg. 1518)

3278 Jersey cows owned by Fred Gentemann, Junction City, grazing in irrigated pasture. (neg. 1519)

3279-3280 Poultry - Management; Photos by R.G. Fowler, Jr., June 1951.

3279 Pat Easter, Carlton, workman on the L.B. Menefee, Jr., broiler farm feeding birds. Catwalk on outside of house makes possible use of perimeter feeders which eliminate entering pens to put in feed. (neg. 1523)

3280 Pat White, Carlton, workman on the L.B. Menefee, Jr. broiler farm demonstrates battery brooder has eliminated scrapping to clean. Cart has place for extra liners and is wheeled to make it easily pushed from battery to battery. (neg. 1524)

3281-3284 Horticulture - Berries; Photos by R.G. Fowler, Jr., June 1951.

3281 Packing 12-ounce cartons of strawberries preparatory to freezing in the Eldon Snider Processing plant, Gresham, are, from left: Mrs. Celia Adolph, Portland; and Mrs. R.J. McClary, Gresham. (neg. 1525)

3282 Check filling weight of 12-ounce cartons of strawberries to be frozen in the Eldon Snider farm processing plant, Gresham, is Mrs. M.L. Bowder, Portland. (neg. 1527)

3283 Packing 12-ounce cartons of strawberries preparatory to freezing them in the Eldon Snider farm processing plant, Gresham, are, from left: Mrs. R.J. McClary, Gresham; and Mrs. Celia Adolph, Portland. (neg. 1526)

3284 Sorting strawberry in the Eldon Snider farm plant, Gresham, are, left: Mrs. Henrietta Wheeler, Troutdale (wearing glasses) and across the table is her daughter-in-law, Mrs. Lon L. Wheeler, also of Troutdale. (neg. 1528)

3285-3289 Home Economics - General; Photo by R.G. Fowler, Jr., May 1951.

3285 Roger Dale Harding poses in the chair made for him by his grandmother, Mrs. Neil Harding of Coos Bay. She copied a larger chair and did all the

work herself. This included building the frame, carving the front pieces and upholstering the completed chair. She is president of the Coos Bay home economics extension unit. (neg. 1529)

3286 The little chair made its public appearance at the Coos Count Homemakers Festival on May 1st. Here Mrs. Neil Harding admires some of the hooked rugs also displayed by her Coos Bay unit. Mrs. Robert Ferguson is at top left and Mrs. W.G. Barrow, chairman of the hooked rugproject, at right. (Mrs. barrows rug, folded over her arm, has a hooked center, braided border. (neg. 1530)

3287 Roger Dale Harding is mighty proud of the birthday chair Grandma designed and made for him. She built the end table for the Coos County Homemakers Festival to represent her Coos Bay units carpentry project, and then gave it to Roger Dale. (neg. 1531)

3288 The chair made by Mrs. Neil Harding of Coos Bay for her grandson, Roger Dale Harding, wsa one of the features of her extension units display at the Coos County Homemakers Festival. Here Mrs. Harding admires a combination hooked-and-braided rug made by another member of her unit, Mrs. W.G. Barrow, left. Mrs. Robert Ferguson is at right. (neg. 1532)

3289 Mrs. Neil harding of Coos Bay and her grandson relax and enjoy a book together. She has upholstered her chair several times and recently made his chair, patterning it agter the larger. (neg. 1533)

3290-3291 Home Economics - Foods; Photos by R.G. Fowler, Jr., May 1951.

3290 Eleanor Trindle, state extension agent at OSC, shows fourth step in strawberry freezer procedure. As much air as possible has been pressed out before sealing. She folds the cellophane over twice and seals it with flatiron set at its lowest heat. An old sheet makes the hand sealing pad. (neg. 1537)

3291 Eleanor Trindle, state extension agent at OSC, showsthe fifth and last step to the strawberry freezing process. Miss Tridle labels to show the date and that the berries are sugared. The the fruit will be frozen and stored at 0 degrees or lower. (neg. 1538)

3292 4-H - Swine; Photo by R.G. Fowler, Jr., June 1951.

A briefing on pork cuts is given six Josephine county 4-H club girls attending the thirty-sixth annual 4-H club summer school by, left, John Landers, county agent at large. The girls are, from left: Barbara Carlin, Wilderville; Merrill Sinington, Selma; Jackine Strohkirch, Selma; BarbaraParsons,Williams; Ellyn Swartout,Grants Pass; and Donna Muzzy, Grants Pass. (neg. 1539)

3293-3294 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1951.

3293 Washington county 4-H club members who were officers in thei respective living groups during the thirty-sixth annual 4-H club summer

school. Boys are, nearest, Stanley Marugg, Garden Home; Behind him, Jack Aten, Beaverton. From left, girls are Mary Jo Dooher, Sherwood; Barbara Ruhlman, Hillsboro, (foreground); Yvonne Eischen, Cornelius; Delores Buckmiller, Beaverton, (rear); and Marlene Bennet, Tigard. (neg. 1540)

3294 Marion county clubmembers who served as presidents of their respective living organizations during the thirty-sixth annual 4-H club summer school, OSC, are, from left: Shirley Page, Salem; and Mary Wagner, Mt. Angel. (neg. 1541)

3295-3297 Publicity - General; Photos by R.G. Fowler, Jr., June 1951.

3295 Discussing program during the second annual northwest fertilizer conference, held June 27, 28, and 29 on the OSC campus, are, from left: F.E. Price, dean and director of agriculture, OSC; G.A. Fitzpatrick, Portland, president of the Pacific Northwest Plant Food association; and Bion Tolman, Salt Lake, general agriculturalist for the Utah-Idaho Sugar company. (neg. 1542)

3296 President and two members of the Pacific Northwest Plant Food association gathered together during the association's second annual northwest fertilizer conference, held June 27, 28 and 29 on the OSC campus. From left: Mac C. Taylor, Seattle director; G.A. Fitzpatrick, Portland, president; and E.B. Shipley, Portland, director. (neg. 1543)

3297 Scene taken during the second annual northwest fertilizer conference held at OSC June 27, 28 and 29, are, from left: G.A. Fitzpatrick, Portland, president of the Pacific Northwest Plant Food Association; Dr. S.C. Vandecaveye, Washington State college soil scientist; M.H. McVickar, Washington, D.C., agronomist, National Fertilizer association; and J.M. Quinn, Los Angeles, president of the California Fertilizer association. (neg. 1544)

3298 Poultry - Management; Photo by R.G. Fowler, Jr., June 1951.

Pat White, Carlton, employee on the L.B. Menefee, Jr., broiler farm, feeding from cart into perimeter feeders used to eliminate walking into pens. (neg. 1547)

3299 Equipment - Spray; Photos by R.G. Fowler, Jr., June 1951.

With the spray boom mounted behind the header on his 20 foot combine, William Lorenz

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Pendle
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wheat
farmer,
gets in
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Near
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header
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wheat, the header tender, who has a high
vantage point, opens the valve and gives it a shot of
2,4-D. Eighteen nozzles are mounted on the 20 foot
boom and they are joined by 3/8 inch hose sections.
Spray tank is a 55 gallon oil drum which has been
mounted on the combine rear. Adjacent pump is belt
powered from a pulley attached to the combine. (neg.
1548)

3300-3302 Equipment - General; Photos by R.G. Fowler, Jr., July 1951.

3300 Roller built from two 30 gallon oil drums and mounted on old car wheels behind his tractor by Louis Mola, RFD 2, Corvallis farmer, flattens the hairy vetch windrow and swathed during the preceding round. To avoid shattering, hairy vetch to be harvested for seed is cut on the green slide and left in the windrow to cure before being combined. Since the easy-to-shatter crop is light, it tends to stand high in the windrow allowing even the slightest breeze to roll it out of the pods. Flattening the windrow and pushing it firmly into the stubble with the trailer roller reduces wind resistance and saves seed. (neg. 1549)

3301 Roller built from two 30 gallon oil drums and mounted on old car wheels behind his tractor by Louis Mola, RFD 2, Corvallis farmer, flattens the hairy vetch windrow and swathed during the preceding round. To avoid shattering, hairy vetch to be harvested for seed is cut on the green slide and left in the windrow to cure before being combined. Since the easy-to-shatter crop is light, it tends to stand high in the windrow allowing even the slightest breeze to roll it out of the pods. Flattening the windrow and pushing it firmly into the stubble with the trailer roller reduces wind resistance and saves seed. (neg. 1550)

3302 Windrowroller owned by Louis Mola, RFD 2, Corvallis, was constructed by welding two 30 gallon drums together. To avoid having an axle which would allow the hairy vetch to wrap, threaded bolts were welded on the lip of the drums and were bolted directly onto the spokes of the old car wheels. The roller has a 6 inch clearance and requires no extra weighting to flatten the vetch windrows. Mola provided all of the materials and had the outfit made by a local welder. (neg. 1551)

3303 Poultry - Equipment; Photo by R.G. Fowler, Jr., July 1951.

View of an egg elevator and pulley arrangement opposite of laying house. Note cleated belts which raise eggs from bottom two nest tiers to top belt where they move onto feed room collecting trays.

Belts located at right angles are from nests added in the rooms where the three-tier nests were shortened to accommodate the pulley egg elevating equipment. (neg. 1552)

3304-3305 Poultry - Management; Photos by R.G. Fowler, Jr., July 1951.

3304 In Schmidt's new house, automatic feeders are placed in sawdust litter. Three tier nest wall which backs onto an automatic egg gatherer divides the 100 by 100 foot room in half. On each side, panels are erected to make five separate pens. Birds are Parameter Reds. (neg. 1553)

3305 View of watering and roosting equipment in the square, dirt floored house built recently by Walt Schmidt, Hubbard. During cleaning, roosts are lifted and front panels lift out of sliding channels to allow tractor mechanical equipment to be used. (neg. 1554)

3306-3307 Poultry - Equipment; Photos by R.G. Fowler, Jr., July 1951.

3306 View of egg collecting tray located in the feed room of the poultry house owned by Walt Schmidt, Hubbard. Six by six foot masonite covered tray holds 1,400 eggs. Endless belt moves at 15 feet per minute and runs on the clock which operates the mechanical feeder. (neg. 1555)

3307 Walt Schmidt, 35, is shown gathering eggs from the collecting tray in his feed room. Six by six foot trays hold 1400 eggs and is surfaced with near level masonite. When first installed, Schmidt covered it with sloping hardware cloth but he had too many broken eggs. Edging on trays cushioned with sponge rubber. Note endless conveyor belt which brings eggs onto tray from nests. The belt moves 15 feet per minute and runs on the same time clock as the automatic feeder. (neg. 1556)

3308 Beef - Pastures; Photo by R.G. Fowler, Jr., July 1951.

Ladino clover pasture used on a rotation system by owner Martin C. Goracke, RFD 3, Junction City. (neg. 1557)

3309-3312 Equipment - General; Photos by R.G. Fowler, Jr., July 1951.

3309 Grapple fork used to lift 8 hay bales at a time on the Martin C. Goracke farm, RFD 3, Junction City. The outfit utilizes the hoist, carrier and track formerly used with a jackson fork when loose hay was put up. (neg. 1560)

3310 Robert Goracke, RFD 3, Junction City, prepares to sink bale grapple fork into 8 bales hauled from the field behind a tractor. Outfit is made from 1 inch pipe and has half inch tines bent on a six inch arc. Outfit will move 64 bales in 8 minutes. Outfit cost less than \$10 to build. (neg. 1561)

3311 Robert Goracke, RFD 3, Junction city, demonstrates how homemade grapple fork is sunk into 8 bales to lift them into haymow. Trip rope detail is shown. (neg. 1562)

3312 View of homemade bale lift used on the Martin C. Goracke farm, RFD 3, Junction City/ (neg. 1563)

3313-3314 Crops - Hops; Photos by R.G. Fowler, Jr., August 1951.

3313 Dr. Kenneth Keller, USDA agronomist stationed with the OSC experiment station, discussing hop fertilizer trials during a hop field day on the college experiment station. (neg. 1565)

3314 Brewmaster and two assistants from the Blitz Weinhard brewery, Portland, are shown hop breeding work under way on the OSC experiment station by G.R. Hoerner, extension hop specialist. (neg. 1566)

3315-3318 Forestry - General; Photos by R.G. Fowler, Jr., August 1951.

3315 Claude Davis, ST. Helens, looks on as his truck load of pulpwood logs are scaled by Fred Hallstrom at the Fix Tex plant St. Helens. (neg. 1567)

3316 Loading pulpwood logs in the forestry demonstration area operated by the Columbia county fair board. This is the third year that the area had been thinned. (neg. 1569)

3317 George Steffan, Warren, piling pulpwood logs at his tree farm in Columbia county. He does his skidding using a 14 year old horse. (neg. 1570)

3318 George Steffan, Warren, piles pulpwood logs on a rollway located on his Columbia county tree farm. Horse in background is his power. (neg. 1571)

3319 Forestry - Management; Photo by R.G. Fowler, Jr., August 1951.

George Steffan, Warren, piling pulpwood and second growth sawlogs on a rollway located on his Columbia county tree farm. Pulpwood logs on left are worth \$17 per 1000; the second growth are worth \$20 per 1000. Good management dictates separating them. (neg. 1572)

3320-3323 Forestry - General; Photos by R.G. Fowler, Jr., August 1951.

3320 George Steffan, Warren, is pictured yarding a log to point near his rollway. Motive power is Dick, a 14 year old horse. (neg. 1573)

3321 Art Ostrander, Vernonia, is shown yarding a log using the hydraulic scoop lift and tongs on his farm tractor. (neg. 1574)

3322 Art Ostrander, Vernonia, is shown yarding a log with a set of tongs which he uses on the hydraulic lift on his small farm tractor. A frame is in background. (neg. 1575)

3323 Art Ostrander, Vernonia, is shown yarding logs with the scoop lift on his small farm tractor. (neg. 1576)

3324-3327 4-H - Clothing; Photos by R.G. Fowler, Jr., September 1951.

3324 Joanne Thomson, 15, Portland, champion in style review at 1951 state fair receives a bouquet of roses from Marshall Giford, Portland florist and former 4-H clubber. (neg. 1577)

3325 Blue ribbon winners in the 1951 style show at state fair model for the camera. From left, they are Pat Seidler, 19, West Slope; and Elaine Hansen, 16, Beaverton. (neg. 1578)

3326 Blue ribbon group and champions in style revue at 1951 state fair are pictured on the stage. Theme was fashion headlines. Joanne Thompson, 15, Portland, champion is holding roses. (neg. 1579)

3327 Five division winners in 1951 style review contest at state fair, from left: Betty Jean Hill, 17, Coquille; Donna Minkoff, 14, Cascade Locks; Neva Goodrich, 16, Prineville; Cynthia Rukovina, 13, Medford; and Joanne Thomson, 15, Portland, champion. (neg. 1580)

3328 4-H - Publicity; Photo by R.G. Fowler, Jr., September 1951.

In this case, parting was sweet sorrow--at least for one of these 4-H club members. Pretty Priscilla Horning, Sherwood, takes possession of the James F. Linn trophy from Gene Nyren, Albany, who needed one more win to gain permanent possession of it. The award has been given to the exhibitor of the champion Jersey at state fair in the 4-H division since 1924. Gene was winner in 1949 and 1950, but failed to put over his third and final victory this year. (neg. 1581)

3329 Publicity - General; Photo by R.G. Fowler, Jr., September 1951.

Miss Ruth Miller, food technology department, participated in a broadcast from the Oregon State college featured canning industry booth at state fair. (neg. 1582)

3330 4-H - Cooking; Photo by R.G. Fowler, Jr., September 1951.

Shown taking her loaf of bread from oven at 1951 state fair bread baking contest is Janet Petersen, Scappoose. Standing are, left, Winnifred Gillen, state 4-H agent, and Miss Jean Lovejoy, Sears Robuck Foundation, Seattle. (neg. 1586)

3331 Sheep - Animals; Photo by R.G. Fowler, Jr., September 1951.

Paul Rutland, OSC shepherd, holding a Hampshire ram. (neg. 1590)

3332-3333 Sheep - Management; Photos by R.G. Fowler, Jr., September 1951.

3332 Four-way cutting out chute built on the OSC experiment station. Robert DeBaca, graduate student, foreground. (neg. 1592)

3333 Four-way cutting out chute built on the OSC experiment station. Robert DeBaca, graduate student, foreground. (neg. 1593)

3334 Swine - Animals; Photo by R.G. Fowler, Jr., October 1951.

Tom Johnson, OSC swine herdsman, is shown with grand champion pen of 3 market hogs at the 1951 Pacific International-Berkshires shown and bred by OSC. (neg. 1598)

3335 Swine - General; Photo by R.G. Fowler, Jr., October 1951.

Tom Johnson, OSC swine herdsman, points to ribbons won by OSC Berkshire entries in the 1951 Pacific International. (neg. 1600)

3336-3339 Sheep - General; Photos by R.G. Fowler, Jr., October 1951.

3336 Southdown ewe owned by A.W. Oliver, Corvallis, killed by dogs. (neg. 1602)

3337 Southdown ram owned by A.W. Oliver, Corvallis, badly mishandled by dogs. Clipping was done by the veterinarian to facilitate the treatment. (neg. 1603)

3338 Southdown ram owned by A.W. Oliver, Corvallis, badly mishandled by dogs. Clipping was done by the veterinarian to facilitate the treatment. (neg. 1603)

3339 Southdown ewe owned by A.W. Oliver, Corvallis, badly torn about neck by dogs. (neg. 1605)

3340-3343 Equipment - General; Photos by R.G. Fowler, Jr., October 1951.

3340 Walt Hubbard, Monrow, purebred Suffolk and Hampshire sheep

breeder, is shown holding easily dismantled type of lamb brooder he uses in his operations. Unit is 54 inches long, has an aluminum liner for a reflector and heat is provided by a 150 watt bulb. Units are attached in a row to the wall with hinge halves which come together and are pinned. Lumber is 1x12 for the most part. (neg. 1606)

3341 Overhead storage is used by Walt Hubbard, Monroe, purebred Hampshire and Suffolk sheep breeder, to house his lamb brooder during the off season. Charlie Buffum, upper, shepherd, and John Ralston, below, prepare to set up the 10-unit outfit. After disinfecting, it can be erected in 20 minutes. (neg. 1607)

3342 Brooder unit in place against wall in lambing shed owned

by Walt Hubbard, Monrow, purebred Hampshire and Suffolk breeder. Rubber covered electrical cord and metal conduit reduces fire hazzard. To connect, hinge halves are joined by pins. (neg. 1608)
3343 Walt Hubbard, left, and his shepherd, Charlie Buffum, right, connect 54 inch panels to lamb brooder by use of pins which slip in hinge halves. Light bulb in the brooder is located 20 inches above straw. (neg. 1609)

3344-3345 Publicity - General; Photos by R.G. Fowler, Jr., December 1951.

3344 Tom Poffenberger, family life specialist, with the OSC extension service. (neg. 1612)

3345 From left: Ward Spatz, Medford, president, Oregon State Horticultural Society; Oscar Chapman, secretary of interior; and A.L. Strand, OSC president. (neg. 1614)

3346 Dairy - General; Photo by R.G. Fowler, Jr., December 1951.

Example of brand used to mark calves sired by Oregon Dairy Breeders association sires. The diamond is registered with the state brand inspector; the J stands for Jersey, and number 20 is the cows sire number. (neg. 1620)

3347-3348 Fur Farming - Mink; Photos by R.G. Fowler, Jr., January 1952.

3347 Miss Phyllis Watt, in charge of the OSC experimental fur farm, shown displaying a mink. (neg. 1623)

3348 Mink in individual wire cages on the OSC experimental fur farm. (neg. 1624)

3349-3350 Poultry - Housing; Photos by R.G. Fowler, Jr., January 1952.

3349 U.J. Kirk, St. Paul poultryman reduces drafts in his outdoor laing house by using a roll of snow fence to block open air during the winter months. it is removed during the summer months. (neg. 1627)

3350 U.J. Kirk, St. Paul poultryman reduces drafts in his outdoor laing house by using a roll of snow fence to block open air during the winter months. it is removed during the summer months. (neg. 1628)

3351 Poultry - Equipment; Photo by R.G. Fowler, Jr., January 1952.

U.J. Kirk, St. Paul poultryman uses a four wheeled cart to gather eggs in his outdoor cage laying house. Note plastic clothesline on nest rollway to cushion eggs as they fall into collection bins. (neg. 1629)

3352 Poultry - Mangement; Photos by R.G. Fowler, Jr., Janury 1952.

On the U.J. Kirk Poultry farm, St. Paul, driking wate is protected agaist cold by wrapping te elbow wih buildes tinfoil insulation. Straight section of pipe has asbestos and tar inside a common downspout for cold protection. Note opening where grit can be introduced into the automatic feeder periodically. (neg. 1630)

3353-3354 Poultry - Equipment; Photo by R.G. Fowler, Jr., January 1952.

3353 View of hopper on automatic feeder built by U.J. Kirk, St. Paul poultryman for \$549 which feeds 2400 hens. John Kirk pictured filling hopper which holds 700 pounds of feed. (neg. 1631)

3354 View of hopper on automatic feeder built by U.J. Kirk, St. Paul poultryman for \$549 which feeds 2400 hens. John Kirk pictured filling hopper which holds 700 pounds of feed. (neg. 1631)

3355-3359 Poultry - Management; Photo by R.G. Fowler, Jr., January 1952.

3355 Interior view of laying house owned by Joe Toman, Oregon City, The house is a two-story unit divided into four pens on each floor. Capacity of each pen is 450 birds. (neg. 1633)

3356 Joe Toman, Oregon City poultryman, is shown filling hoppers in his two-story 70 x 100 foot laying house. Each floor is divided into four parts. (neg. 1634)

3357 In the laying house by Joe Toman, Oregon City, the pens are equipped with mash hoppers that can be filled from a central alleyway as Toman demonstrates here. The hoppers face onto covered dropping pits. (neg. 1635)

3358 To speed chore work in his two-story laying house, Joe Toman, Oregon City, installed an elevator in the house center. (neg. 1636)

3359 In the laying house by Joe Toman, Oregon City, the pens are equipped with mash hoppers that can be filled from a central alleyway as Toman demonstrates here. The hoppers face onto covered dropping pits. (neg. 1637)

3360-3368 Publicity - General; Photo by R.G. Fowler, Jr., December 1951.

3360 Members of the Oregon County Extension Agents association compare length of service by rings on their canes. From left, John Inskeep, Clackamas county; Wayne Robertts, Yamhill; O.S. Fletcher, Lane; and Dave Kennedy, Tillamook. (neg. 1640)

3361 Officers elected at sixteenth annual meeting of the Western Oregon Livestock association in McMinnville, January 28, 29, 30 are, from left: Harry Lindgren, OSC extension animal husbandry specialist, secretary-treasurer; Howard Leatherman, Coquille, president; and Roger Dumdi, McMinnville, vice-president. (neg. 1641)

3362 From left, officers of the Western Oregon Livestock association are: Harry Lindgren, OSC extension animal husbandry specialist, secretary-treasurer; and Howard Leatherman, Coquille sheepman, president. (neg. 1642)

3363 1952 officers of the Oregon County Extension Agents Association, from left: Garnet Best, Wallowa county, vice-president; O.E. Mikesell, Linn county, president; and Don Rasmussen, Marion county, secretary. (neg. 1643)

3364 From left J.R. Beck, assistant director, OSC extension service, discussing plans for statewide agricultural conference held on Campus March 27 to 29. (neg. 1644)

3365 F.L. Ballard, associate director, displays poster used to advertise second agricultural conference at OSC. (neg. 2645)

3366 From left, Mrs. Margaret Tuller, rural housing specialist at OSC, and Mrs. Sibyl Ungrodt, Tangent, discussing house plans. (neg. 1646)

3367 Mrs. Margaret Tuller, rural ousing specialist at OSC, left, ad Mrs. Sibyl Undgrodt, Tangent, discussing house plans. (neg. 1647)

3368 Miss Phyllis Watt, in charge of the OSC experimental fur farm. (neg. 1648)

3369-3371 Fur Farming - Mink; Photos by R.G. Fowler, Jr., February 1952.

3369 Miss Phyllis Watt, in charge OSC experimental fur farm, shown holding mink. (neg. 1649)

3370 Miss Phyllis Watt, in charge OSC experimental fur farm, shown holding mink. (neg. 1650)

3371 Miss Phyllis Watt, in charge OSC experimental fur farm, shown holding mink. (neg. 1649)

3372 Poultry - Housing; Photo by R.G. Fowler, Jr., February 1952.

70 by 100 foot, two-story built by Joe Toman, Oregon City. Each pen, four of them per floor, holds 450 birds each. Much of the lumber came from an old schoolhouse. (neg. 1652)

3373 Equipment - General; Photo by R.G. Fowler, Jr., March 1952.

L.P. Haven, Wasco, built this hitch for towed implements in his own farm shop. After spending odd hours experimenting he turned out eight of them at a cost of less than \$5 a piece for material. Pipe is one and one-half inch which slips into two-inch sections. For holes are bored in ach of the smaller for adjustment. With this type of hitchm sharp turns are possible. (neg. 1658)

3374 Equipment - Irrigation; Photo by R.G. Fowler, Jr., April 1952.

C.E. Gordon, Route 2, Aurora, is shown demonstrating the system he uses to add nitrogen fertilizer to his sprinkler irrigation system from inside his fertilizer storage house. Tank holds 200 gallons of water which enters through overhead pipe connected to pressure side of stationary pump located on nearby river. Lower outlet is connected to suction side of pump. (neg. 1659)

3375-3379 Poultry - Equipment; Photos by R.G. Fowler, Jr., April 1952.

3375 A.S. Miller, Route 1, Monmouth, uses wheel barrow with raised sides to haul feed into his broiler house. Metal sides are welded to the wheel barrow. (neg. 1660)

3376 A.S. Miller, Route 1, Monmouth, mailed 1 x 6s into studding in his broiler house to story windows while they are not placed in frames. (neg. 1661)

3377 A.S. Miller, Route 1, Monmouth, allows his broilers full run of the house after brooders are removed at six weeks. Areas shown is taken up with brooders during this period. (neg. 1662)

3378 Ira May, Grants Pass, who operates a White Leghorn flock with son, Stanley, brood in wire cages. Between pen feeder allows more hopper space for each unit; allows more birds to be placed in each. (neg. 1663)

3379 Ira May, Grants Pass, licked the wet litter problem around his waterers by placing them outside. Watering cages ave welded wire bottoms and lined wooden troughs. Splashed water drops through onto the ground. (neg. 1664)

3380-3381 Poultry - Management; Photos by R.G. Fowler, Jr., April 1952.

3380 Ira May, Grants Pass, and son, Stanley, house thier White Leghorn laying flock in wire cages. Each is equipped with roosts paced overhead which allow the birds to get out of the wind. (neg. 1665)

3381 Ira May, Grants Pass, shows how heating wire is dropped into watering devices in his cage house during cold weather. (neg. 1666)

3382-3386 Publicity - General; Photos by R.G. Fowler, Jr., April 1952.

3382 Glen Klein, International Farm Youth Exchange, who went to New Zealand. His home is Aumsville. (neg. 1667)

3383 From left, Paul V. Maris, Oregon director of extension from 1920 to 1924, was the sparkplug of the state agricultural conference. he is pictured with, right, F.L. Ballard, associate director who led the 1952 statewide agricultural conference. (neg. 1668)

3384 David Patterson, 21, Mulino; and Patricia Horning, 21, Sherwood, both former Oregon 4-H club memebrs, are International Farm Youth Exchangees, David went to Finlaand; Pat to the Netherlands. Their trips were sponsored by the Oregon Bankers Association who provided \$1600. (neg. 1669)

3385 David Patterson, 21, Mulino; and Patricia Horning, 21, Sherwood, both former Oregon 4-H club memebrs, are International Farm Youth Exchangees, David went to Finlaand; Pat to the Netherlands. Their trips were sponsored by the Oregon Bankers Association who provided \$1600. (neg. 1669)

3386 Art Sawyer, superintendent, Squaw Butte-Harney branch experiment station. (neg. 1671)

3387 Equipment - Irrigation; Photo by R.G. Fowler, Jr., April 1952.

George Gentemann, Independence, runs 60 to 65 head of dairy cows and heifers through a nine to ten-month pasture season on 12 acres of land divided into six two acres plots. He is shown moving sprinkler pipe. He waters continuously from April 15 to the start of fall rains. (neg. 1674)

3388-3397 Sheep - Management; Photo by R.G. Fowler, Jr., April 1952.

3388 O.M. Nelson, OSC animal husbandryman department staff member, shows portable wool sacking frame which he designed. Plywood top is

48 inches square and has off-center hole to accomodate wool sack. The outfit can be set up or dis-assembled in less than 2 minutes. (neg. 1676)

3389 View of wool sacking fram without sack. (neg. 1677)

3390 Tramping filled wool sack on sacking fram designed by Professor O.M. Nelson of OSC. (neg. 1678)

3391 Glen Hutchinson, OSC graduate student, shows how bar beneath filled wool sack is raised by pulley system to release sack top. (neg. 1679)

3392 With filled wool sack raised, doubled back sack is removed for sewing from round hoop which is slightly larger than the sack hole. (neg. 1680)

3393 With the sack top removed from the hoop, sewing is easily done while standing on ladder step. (neg. 1681)

3394 With the sack top removed from the hoop, sewing is easily done while standing on ladder step. (neg. 1682)

3395 Filled and sewed wool bag is released from sacking frame by tripping pulley stop located at ladder. (neg. 1683)

3396 View shows tripped bag and Glen Hutchinson, OSC graduate student, indicates how it was released. (neg. 1684)

3397 View of frame and tripped bag showing how frame is constructed. Only two bolts and nuts are used to assemble it. They attach the ladder to platform frame. (neg. 1685)

3398 Equipment - General; Photo by R.G. Fowler, Jr., April 1952.

Richard Lowe, Condon, demonstrates dumping arrangement he built to go on the back of a pickup truck. Plants are attached to a round pole which is located at the open end-gate. Practice in loading the slightly ove-balanced platform saves time and dumps the load easily once it is at its destination. (neg. 1687)

3399-3401 Poultry - Management; Photos by R.G. Fowler, Jr., April 1952.

3399 Roll back door used by Ambrose Brownell, Milwaukie, in his brooder house eliminates having to push litter aside to open a conventional, hinged door. Door rolls on casters which track on a 1 x 2.

3400 View of a brooder house equipped with automatic feeder. Owned by Ambrose Brownell, Milwaukie. Portable dropping pit roosts in background. (neg. 1689)

3401 Hovers are counterbalanced in brooder house owned by Ambrose Brownell, Milwaukie. Automatic feeder on right. (neg. 1690)

3402 Poultry - Housing; Photo by R.G. Fowler, Jr., 1952.

200 foot, aluminum sided brooder house owned by Ambrose Brownell, Milwaukie. Automatic feeder on right. (neg. 1691)

3403 Poultry - Equipment; Photos by R.G. Fowler, Jr., April 1952.

Watering trough on the L.A. Frank poultry farm, Sublimity, is lined with soil cable to prevent freezing. (neg. 1692)

3404-3406 Poultry - Management; Photos by R.G. Fowler, Jr., April 1952.

3404 Waterers in the open air poultry house owned by L.A. Frank, Sublimity, are located over the dropping pits. Thus, wet litter is prevented. (neg. 1693)

3405 Community nests filled with rice hulls are used by L.A. Frank, Sublimity. Discarded old single nests and found the community nests result in cleaner eggs. (neg. 1694)

3406 View of interior of brooder house owned by Ambrose Brownell, Milwaukie. It is equipped with automatic feeders. (neg. 1695)

3407 Equipment - Irrigation; Photo by R.G. Fowler, Jr., April 1952.

George Gentemann, Independence, runs 60 to 65 head of dairy coes and heifers through a nine to ten month pasture season on 12 acres of land divided into six two-acre plots. He is shown moving sprinkler pipe. He waters continuously from April 15 to the start of fall rains. (neg. 1696)

3408 Horticulture - General; Photo by R.G. Fowler, Jr., March 1952.

Paul V. Maris, director of the Oregon extension service from 1920 to 1934, was among featured speakers during the second statewide agricultural conference March 27-30, 1952. He was the one responsible for the first outlook conference held on the campus in 1924. Following his Oregon service he became director, farmers home administration, Washington, D.C. (neg. 1702)

3409 Horticulture - Berries; Photo by R.G. Fowler, May 1952.

To control grass in strawberry rows, plots on the Lewis-Brown horticulture farm were sprayed. Thinned row section in foreground was treated in April with dinitro at the rate of 4 pounds per acre in 40 gallons of water. On extreme right, particularly encroached, is a row treated with phthalimide, a new chemical, which had not give a particular effective result. In rear, good results were obtained in the fall after the plants were dormant by spraying with dinitro at rate of 4 pounds per acre in 40 gallons of water. (neg. 1704)

3410 Crops - Grass; Photo by R.G. Fowler, Jr., May 1952.

Virgil Freed, agronomist in charge of weed research at Oregon State college, examines alta fescue grass that has been sprayed with Chloro-IPC. Color of sprayed plants is actually better than that of check plots on the Granger Station. (neg. 1706)

3411 Equipment - Tillage; Photo by R.G. Fowler, Jr., May 1952.

Root plane used to cut off roots of sagebrush below ground surface. (neg. 1714)

3412-3413 Equipment - General; Photo by R.G. Fowler, Jr., May 1952.

3412 Roto-Beater, sage eradication implement which knocks off sage plants at ground surface by use of whirling pieces under covering hood. (neg. 1715)

3413 Six foot by 24 inch concrete filled roller built by Fred Lempke, Seneca. As it is, it weighs about 2400 pounds. It is used to firm sageland see bed. (neg. 1716)

3414 Equipment - Tillage; Photos by R.G. Fowler, Jr., May 1952.

Crowd who attended sage eradication field day in Grant county on Bill Southworth ranch are shown examining the bulldozer plow developed by the Forest Service to clear sage land. (neg. 1717)

3415 Publicity - General; Photo by R.G. Fowler, Jr., May 1952.

Crowd attending sage eradication field day at Bill Southworth ranch, Seneca, and shown examining implement while dealer, foreground, speaks through public address system. (neg. 1718)

3416-3417 Equipment - Tillage; Photos by R.G. Fowler, May 1952.

3416 Two bottom plow used to eradicate sagebrush. This Allis-Chalmers implement was demonstrated during sage clearing field day at Bill Southworth ranch, Seneca. (neg. 1719)

3417 Noble blade with blade raised out of ground. Implement is used to clear sagebrush. (neg. 1720)

3418 Crops - Grass; Photo by R.G. Fowler, Jr., May 1952.

Range grass nursery located on Bill Southworth ranch, Seneca, which is sponsored by Grant County Stockgrowers. (neg. 1721)

3419 Equipment - General; Photo by R.G. Fowler, Jr., May 1952.

Trailer hitch with stand-up device used by Joe Oliver, John Day. It is on a horse trailer. (neg. 1723)

3420-3421 Poultry - Equipment; Photos by R.G. Fowler, Jr., May 1952.

3420 A.S. Miller, Monmouth, is shown examining his birds in his homemade brooder which utilizes forced air from an old army barracks heating system. 20 similar units are placed in each of his two 30 x 130 foot broiler houses. Hovers are 3 x 8 feet and are built of standard width 1 x 12s. They cost him less than \$3 a piece for materials. (neg. 1724)

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broiler houses. Hovers are 3 x 8 feet and are built of standard width 1 x 12s. They cost him less than \$3 a piece for materials. (neg. 1724)

3422-3423 Poultry - Management; Photo by R.G. Fowler, Jr., May 1952.

3422 A.S. Miller, Monmouth broiler producer, is shown feeding flats which he uses to start chicks. Each is 20 inches square and has a 1 inch lip. These are used as labor saving device for first three weeks of chicks life. they are succeeded by 4 x 4 flats with a 2.5 inch lip. Troughs go in at six weeks. (neg. 1726)

3423 A.S. Miller, Monmouth broiler producer, is shown lifting hover opening on homemade brooder which he uses in his broiler raising operation. New Hampshire chicks have run of peat moss covered floor and heating is done covered floor and heating is done by forced air which enters wooden hovers at top. (neg. 1727)

3424 Equipment - General; Photo by R.G. Fowler, Jr., June 1952.

Sulphur dioxide in cylinders used as a silage preservative in place for use at OSC dairy barn. (neg. 1729)

3425 Buildings - Silos; Photo by R.G. Fowler, Jr., June 1952.

Silos being filled with grass silage at OSC experiment station. (neg. 1730)

3426-3427 Equipment - General; Photos by R.G. Fowler, Jr., June 1952.

3426 Workman at right, is injecting a silage preservative, sulphur dioxide, into grass silage which has been blown into an experiment station silo. (neg. 1731)

3427 Workman at right, is injecting a silage preservative, sulphur dioxide, into grass silage which has been blown into an experiment station silo. (neg. 1732)

3428-3429 Dairy - Animals; Photo by R.G. Fowler, Jr., May 1952.

3428 100 two-month old Holstein dairy calves arrive by DC-4 in Corvallis from Watertown, Wisconsin. Earl Gillaspie, Corvallis auction yard operator, who placed order, shown on gangway at Corvallis Airport. (neg. 1733)

3429 Spectators make a human corral during unloading of 100 two-month old Holstein calves at Corvallis airport following their arrival by DC-4 from Watertown, Wisconsin. (neg. 1734)

3430 Publicity - General; Photo by R.G. Fowler, Jr., May 1952.

Bob Wiley, OSC graduate assistant in food technology, shown working in laboratory in food technology building. (neg. 1735)

3431-3432 Equipment - General; Photos by R.G. Fowler, Jr., June 1952.

3431 Lester McFarland, Tangent grass seed grower, uses this roller to lay down alta fescue as seed heads form and the grass indicates it will lodge. By pointing it in one direction, mowing time is cut in half, McFarland believes, prior to combining. Mowing is accomplished by going in the opposite direction from the way grass seed is lying. (neg. 1736)

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3433-3434 Crops - Grass; Photo by R.G. Fowler, Jr., June 1952.

3433 Alta fescue and red fescue growers examine plots on the Hyslop farm during a field day to experimental trials underway. (neg. 1744)

3434 Alta fescue and red fescue growers examine plots on the Hyslop farm during a field day to experimental trials underway. (neg. 1745)

3435 Equipment - General; Photo by R.G. Fowler, Jr., May 1952.

Shop seat built from an old disk blade, a car spring and a discarded implement seat. Built by Roy Forman, Antelope. (neg. 1746)

3436 Publicity - General; Photo by R.G. Fowler, Jr., May 1952.

View of crowd eating lunch during the wheat league field day at the Roy Forman ranch near Antelope. (neg. 1747)

3437 Crops - Grain; Photo by R.G. Fowler, Jr., May 1952.

Roy Forman, Antelope, right, 1951 Oregon Wheat Growers League Conservation Farmer of the Year, shows league president Floyd Root, Wasco, left, the lay of the land on his 5,000 acre ranch in southern Wasco county. (neg. 1748)

3438 Conservation - General; Photo by R.G. Fowler, Jr., May 1952.

Roy Forman, Antelope, left, and Wasco county extension agent E.M. Nelson, with microphonem stage weed identification contest at the Forman ranch during the lunch hour of a Oregon Wheat Growers League soil conservation field day. Forman was the leagues 1951 Conservation Farmer of the Year. (neg. 1750)

3439-3443 4-H - Publicity; Photos by R.G. Fowler, Jr., June 1952.

3439 Wasco county 4-H clubbers attending the 1952 summer school who received recognition are : Donis Appling, 18, Friend, in style show; Doris Pierson, 17, The Dalles, living group president; and Kathleen Woodside, 17, Maupin, living group president. They are talking with their local 4-H club leader, Scott Clevenger. (neg. 1751)

3450 Two Klamath county living group presidents talk with one of their county leaders--Mrs. George Fawver, Klamath Falls. the presidents are: center, Marie Nicholson, 13, and Bill Vaden, 17, both of Fort Klamath. (neg. 1752)

3441-3443 4-H - Publicity; Photos by R.G.Fowler, Jr., June 1952.

3441 Three Linn county 4-H club members became living group presidents during the 1952 4-H club summer school. From left, they are Malcom McBride, 15, Lebanon; Betty Stellmacher, 18, Albany; and Merlene Manning, 14, Brownsville. Betty was also president of the girls attending summer school. (neg. 1753)

3442 Ken Minnick, Benton county 4-H club agent, talks with two Benton county 4-H clubbers who were elected president of their respective living groups at 1952 summer school. They are, center, Marian Couey, 13, RFD 2, Corvallis; and Betty Oitzinger, 15, 2385 North Ninth, Corvallis. (neg. 1754)

3443 Two Wasco county 4-H clubbers who were leected president of their respective living organizations are, from left, Kathleen Woodside, 17, Maupin; and Doris Pierson, 17, The Dalles. (neg. 1755)

3444-3445 Publicity - General; Photo by R.G. Fowler, Jr., June 1952.

3444 Motion pictureunit headed by Dr. Curtis Reid, left, which made sound film of 1952 agricultural conference on the OSC campus. (neg. 1756)

3445 Motion pictureunit headed by Dr. Curtis Reid, left, which made sound film of 1952 agricultural conference on the OSC campus. (neg. 1757)

3446-3450 4-H - Publicity; Photo by R.G. Fowler, Jr., June 1952.

3446 Two Curry county 4-H club leaders attending 1952 4-H club summer school congratulate Jeanette Thompson, 14, Langlois, who was elected president of her living group, from left, leaders are: Mrs. Vesper Bailor, Gold Beach -- leader; Jeanetter Thompson, 14, Langlois -- pres; Mrs. Rae Steddom, Langlois -- leader. (neg. 1758)

3447 With their county 4-H club agent Clackamas county 4-H clubbers at 1952 summer school wher were elected presidents of their respective living organizations are, from left: Johnnie Linn, 14, Mollala; Nadine Nutting, 16, Milwaukie; Joanna Battilega, 15, Milwaukie; Bob Dinsmore, 13, Canby; Bill Smith, club agent; Pricilla Horning, 17, West Linn. (neg. 1760)

3448 Lane county 4-H club members who were named presidets of thei respective living organizations during 1952 4-H club summer school are, from left:back row--from left: Mary Woodworth 15, Cottage grove -- all prexies; Jeane Voss, 15, Cottage Grove; C.J. Robinson, Cottage Grove -- leader; front row--Thora SEaver, 14, Cottage Grove; Kathleen Gillisphi, 15, Cottage Grove. (neg. 1761)

3449 Jackson county 4-H club members who were elected presidents of their respective living organization during 1952 4-H club summer school are shown with their county 4-H club agent, Rufus Cate. The presidents, from left, are: Gail skyman, 15, Central point -- all prexies; Cynthia Rukovina, 13, Medford; Verity Day, 14, Sams Valley. (neg. 1762)

3450 Lake county 4-H clubbers who were elected officers in their respective living organizations during 1952 4-H club summer school are shown talking with their county club agent, Lee Hansen. Others, from left, are: Bruce Vandergaw, 15, Lakeview -- house chaplain; Theo Williams, 17, Lakeview -- house manager; Cecilia Swingle, 13, Lakeview -- pres; Shirley Scoville, 13, Lakeview -- treasurer of house. (neg. 1763)

3451 Home Economics - Publicity; Photo by R.G. Fowler, Jr., July 1952.

Miss Viola Hansen, former Linn county home economics extension agent and, later, acting home furnishings specialist, became state home economics extension agent October 1, 1952. (neg. 1771)

3452 4-H - Publicity; Photo by Carolyn Shaver, July 1952.

The 1952 National 4-H Club Campers were: Brent Horn, 18, Pilot Rock (dark jacket); Jerry wipper, 17, Turner; Beverly Rugherford, 18, Corvallis (white shoes); and Diane Loenning, 17, Haines. (neg. 1772)

3453-3457 Home Economics - Clothing; Photos by Carol Shaver, May 1952.

3453 Modelling their smart suits and coats at the 1952 Polk county homemakers festival are, from left: Mrs. Raymond Yung, Monmouth, in a black and blue houndstooth checked skirt and reversible navy blue wool shantung jacket; Mrs. Walter Richards, Monmouth, in a lipstick red fleece shortie; Mrs. H.D. Bradrick, Salem, in a brown shantung wool suit; Mrs. Elwin Littlejohn, Willamina, in a white fleece shortie; and Mrs. Frank Krauger, Independence, in a gray sheer wool crepe suit. (neg. 1773)

3454 Mrs. John Boening, West Salem, models a rayon-and-nylon suit she made after attending a Polk county tailoring workshop. Her earrings are made from buttons exactly like the ones on her jacket. (neg. 1774)

3455 Mrs. Raymond Yung, Monmouth, shows a 2-purpose jacket to Polk county agent Mrs. Malno Reichert. Mrs. Yung made her skirt and reversible jacket in a tailoring workshop and modelled the outfit at the county homemakers festival. The jacket she holds is also reversible, with a tweedy denim on one side and solid light blue denim on the other. It was made up as a model before making the wool jacket, and now is a useful sports accessory. (neg. 1775)

3456 Clarence R. Burck, Monmouth, and two-year-old Gordon, modelled their new sports jackets at the 1952 Polk county homemakers festival. The jackets, a blue and black houndstooth check, were made by Mrs. Burck in an extension tailoring workshop. (neg. 1776)

3457 Mrs. John Boening, West Salem, models a rayon-and-nylon suit she made after attending a Polk county tailoring workshop. Her earrings are made from buttons exactly like the ones on her jacket. (neg. 1774)

3458 Home Economics - Organization; Carolyn Shaver, June 1952.

These presidents--present and former--of the Oregon Home Economics Extension Council were honored at a luncheon during the 1952 OHEEC meeting at OSC. Standing from left: Mrs. Lyman W. Tinker, Cresswell, (representing her mother Mrs. Ralph Laird, deceased, who was the first OHEEC president) and Mrs. E.E. Kirkpatrick, Merrill, 1952 president. Seated, from left: Mrs. Mabel Hughes, Coquille; Mrs. Ann Montgomery, Coos Bay; and Mrs. Edgar Leming, Cornelius. (neg. 1778)

3459-3460 4-H - Summer School; Photos by Carolyn Shaver, June 1952.

3459 These Marion county youths were officers in each of their living units during the 1952 4-H summer school, June 17-27, at OSC. Rear, from left: Ed Page, 16, Salem; Lorraine Duda, 14, Mt. Angel; and Kay Shideler, 16, Salem, who were vice presidents. Front, from left; Joyce Mount, 13, Salem, and Jennie McGuire, 15, Jefferson, were song leaders. (neg. 1779)

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3461-3462 4-H - IFYE; Photos by Carolyn Shaver, October 1952.

3461 Fred Werren, 25, 1951 International Farm Youth Exchange delegate from Zurich, Switzerland, (on tractor) talks with Ken Priest, assistant Linn county agent. At that time he was on the John Cochrane cattle ranch, Brownsville. (neg. 1781)

3462 Ita Potsch, 23, 1951 International Farm Youth Exchange delegate from Stompertoren, the Netherlands, learns about electric dishwashers from Mrs. Joseph Rogers, Independence. (neg. 1782)

3463-3467 Home Economics - General; Photos by Carolyn Shaver, May 1952.

3463 Miss Anna Schinkowitsch (center), Austrian extension agent, and Miss Eli Odegard assistant home economics extension leader in Norway (right), admire the suit Mrs. Carl Kreft, Dallas, made in an extension workshop and modelled at the Polk county homemakers festival. They attended an MSA sponsored short course in extension at OSC with 19 other foreign home economists, Later, Miss Odegard was Mrs. Krefts guest for a week. (neg. 1783)

3464 Mrs. Rozina Bak, Yugoslavian journalist, was one of 21 foreign home economists who attended as MSA-sponsored extension short course at

OSC in 1952. Here she chats with Mrs. Rudolph Schaad, Newberg, her hostess for a week. (neg. 1784)

3465 Mrs. Maria Menetti, who heads the agricultural youth program in Italy, visited many Oregon farms while she was attending a special MSA- sponsored extension short course at OSC in 1952. (neg. 1785)

3466 Mrs. Adrianna Corvetti, at right, investigates automatic washing machines under the eye of her hostess, Mrs. Beryl Swails, Sheridan. Mrs. Corvetti heads the home economics extension program in Italy and was one of 21 foreign home economists who attended an MSA-sponsored extension short course at OSC in 1952. (neg. 1786)

3467 Mrs. Vera Teleki, of Austria, at right, tries her hand at a ready-mix cake while she was guest of Mrs. Robert Leighton, Yamhill. Mrs. Teleki was one of 21 foreign home economists who attended an MSA-sponsored short course in extension methods at OSC in 1952. (neg. 1787)

3468-3469 4-H - IFYE; Photo by Carolyn Shaver, October 1951.

3468 Mrs. Winnifred Gillen, state 4-H agent, talks with Pentti Antila, 1952 International Farm Youth Exchange delegate from Finland. (neg. 1789)

3469 Discussing Oregon agriculture at the 1952 4-H summer school at OSC are: from left, Bob Carte, Baker county extension agent; Pentti Antilla, International Farm Youth Exchange delegate from Finland; and 4-Her Eddie Warnock, 14, Baker. Antila spent several weeks on the Warnock ranch. (neg. 1790)

3470-3473 4-H - Summer School; Photos by Carolyn Shaver, June 1952.

3470 Betty Stellmacher, 18, Albany, was co-president of the 1952 4-H summer school. (neg. 1791)

3471 David Estegard, 17, Harrisburg, was co-president of the 1952 4-H summer school. (neg. 1792)

3472 Co-presidents of the 1952 4-H summer school, June 17-27 at OSC were Betty Stellmacher, 18, Albany and David Estegard, 17, Harrisburg. (neg. 1793)

3473 Co-presidents of the 1952 4-H summer school, June 17-27 at OSC were Betty Stellmacher, 18, Albany and David Estegard, 17, Harrisburg. (neg. 1794)

3474-3478 Home Economics - General; Photos by Carolyn Shaver, May 1952.

3474 Mrs. Azalea Sager, home economics extension leader at Oregon State college, (at right), discusses homemakers problems with Miss Tuida Duyvendak, director of home economics extension in the Netherlands. Miss Duyvendak was one of 21 foreign home economists who attended a special MSA sponsored course at OSC. (neg. 1795)

3475 Mrs. Azalea Sager, home economics extension leader at Oregon State college, at right, discusses extension bulletins with Mrs. Therese

Guglmayr, director of home economics extension in Austria. Mrs. Guglmayr was one of 21 foreign home economists who attended a special MSA sponsored course at OSC. (neg. 1796)

3476 Mrs. Azalea Sager, home economics extension leader at Oregon State college, (at right), discusses farm magazines with Miss Gundrun Larsen, Danish home economist, and Miss Eli Odegard, assistant extension leader in Norway (standing). 21 foreign home economists attended a special MSA sponsored course at OSC. (neg. 1797)

3477 Mrs. Azalea Sager, home economics extension leader at Oregon State college, (at right), discusses extension bulletins with Mrs. Adriana Flori, head of home economics extension in Italy. Mrs. Flori was one of 21 foreign home economists who attended a special MSA sponsored course at OSC. (neg. 1798)

3478 Miss Laura Lane, associate editor of Country Gentleman and guest speaker at the 1952 Oregon Home Economics Extension Council at OSC, discusses the ACWW study folder with Mrs. Floyd Fox, Silverton, OSEEC scholarship chairman, and Miss Barbara Watt, Bay City, who won the 1952 scholarship and became an extension agent. (neg. 1799)

3479-3481 4-H - IFYE; Photos by Carolyn Shaver, October 1951.

3479 Ita Posch, 23, of the Netherlands, was a 1951 International Farm Youth Exchange delegate in Oregon. (neg. 1803)

3480 Jack Wells, 27, Independence, was one of Oregon's delegates in the 1952 winter International Farm Youth Exchange project. He was assigned to visit Bolivia. He is a 1952 OSC graduate. (neg. 1804)

3481 Harry Tavenner, 23, Klamath Falls, and OSC senior, was assigned to visit Brazil as a delegate in the 1952 winter International Farm Youth Exchange project. (neg. 1805)

3482-3483 Horticulture - Misc.; Photos by R.H. Birdsall, June 1953.

3482 Visitors at the Lewis-Brown horticultural Field Day saw more than 3500 experimental mum seedlings blooming this year for the first time. (neg. 1806)

3483 Ralph Garren, research assistant, discussed strong points of experimental chrysanthemums at the OSC Lewis-Brown horticultural station Field Day. (neg. 1807)

3484-3486 Publicity - General; Photos by R.H. Birdsall, June 1953.

3484 L.J. Allen, left, Oregon 4-H club state leader until his retirement last year, receives National 4-H Club Camp citation in special Doc Allen Day assembly at Oregon 4-H summer school, June 16-26, at Oregon State college. Charles W. Smith, assistant director of Oregon Extension Service, made the presentation. (neg. 1809)

3485 Three former Oregon 4-H leaders were honored at a special assembly during 4-H club summer school, June 16-26 at OSC. They are, left to right: Cal Monroe, state 4-H agent; H.C. Seymour, state leader, 1916-1947; Miss Helen Cowgill, assistant state leader, 1914-1947; and L.J. Allen, assistant state leader, 1915-47 and state leader from 1947-1951. (neg. 1810)

3486 A panel of top poultrymen and Oregon State college staff members tackle leucosis as the number one killer of poultry at the annual meeting of the Oregon Poultry Hatchery association, Oregon State college, June 18. Panel members are (left to right) Dr. E.M. Dickinson, OSC veterinarian; Art Heisdorf, Kirkland, Wash. poultryman; Wilbur T. Cooney, assistant dean of agriculture and professor of poultry husbandry, OSC; Dick Hanson, Corvallis poultryman; and Dr. Paul Bernier, OSC poultry husbandman. (neg. 1812)

3487 Home Economics - Clothing; Photo by June Goetze, August 1953.

Shirt workshop, Aug. 5-6. Ina Hanson, Tillamook. Malno Reichert, Polk. Janet Taylor, Extension clothing specialist. (neg. 1816)

3488-3490 4-H - IFYE; Photo by June Goetze, August 1953.

3488 4-H tour. Scottish IFYE - Lorna Black from Scotland rests on 4-H tour with other girls. At Glen Martin farm, McCoy. (neg. 1817)

3489 Swedish IFYE. Ellen Larsson at Harry Schriever farm, Route 3, Molalla. (neg. 1818)

3490 Swedish IFYE. Ellen Larsson at Harry Schriever farm, Route 3, Molalla. Girl with her is Jean Schriever. (neg. 1819)

3491-3492 Soils - Soil Testing Lab.; Photos by Burdette Peterson, March 1953.

3491 Dr. H.B. Cheney, head of the Oregon State college soils department, operating a flame photometer in the new OSC soils testing laboratory. (neg. 1821)

3492 Oregon State college soil testing laboratory technician, Mrs. Mildred Kellogg, weighing soil samples taken from farms and mailed in cardboard cartons to the college for analyses and fertilizer recommendations. (neg. 1822)

3493 4-H Club - Tours; Photo by June Goetze, August 1953.

4-H tour stops at Avery Park. August 6, 1953. (neg. 1823)

3494-3495 4-H Club - Publicity; Photo by June Goetze, September 1953.

3494 1954 national 4-H camp delegates selected fall of 1953. From left, Jean Eyman, Canby; Frank Maynard, McMinnville; John Gardner, Canyon City; Betty Stellmacher, Albany. (neg. 1824)

3495 Agents to accompany delegation to 4-H Club Congress, November 28 to December 3, 1953. Kenneth Minnick, Benton county; Hattie Mae Rhonemus, Lane county. (neg. 1828)

3496-3502 Publicity - General; Photos by June Goetze, January 1954.

3496 Azalea House living room...around round table from left, Marilyn Bohnert, Central Point, sophomore; Dolly Waggoner, Phoenix (ore.), freshman; and Lois Sell, Riverton, sophomore. (neg. 1830)

3497 Azalea House -- living room..two girls on deventport, Marilyn Bohnert, Central Point, sophomore; Lois Sell, Riverton, sophomore; in other chair, Dolly Waggoner, Phoenix (ore.), freshman. (neg. 1831)

3498 Azalea House -- Loius Ballenger, Grants Pass, Freshman in one of the study rooms. (neg. 1832)

3499 Azalea House -- setting table in dining room...Lois Ballenger, Grants Pass, freshman. (neg. 1833)

3500 Azalea House -- Shirley Johnston, Redmond, freshman chatting with housemother Mrs. Jessie McLean. (neg. 1836)

3501 Azalea House -- Barbara Bishop, the Dalles, freshman pouring out pudding for 58 girls in lovely kitchen. (neg. 1837)

3502 Azalea House -- living room ... from left Lois Sellm Riverton, sophomore; Dolly Waggoner, Phoenix(ore.), freshman (reading paper); Marilyn Bohnert, Central Point, sophomore. (neg. 1838)

3503 Sheep - Management; Photo by Ralph Salisbury February 1954.

Combination ewe feeder and lamb brooder developed by Paul Rutland, OSC shepherd, and in use at the College Sheep Barns. the unit keeps feed and water containers (a hazzard to new lambs) up off the ground and offers the lamb protection from the ewe. Warmth is provided by a 150-watt light, well shielded to prevent contact with the lamb or the straw on the ground. Plans for construction, in units of four pens, have been published in Experiment Station Circular of Information 515, by A.C. Warnick, Rutland, and L.W. Bonnicksen. (neg. 1840)

3504-3505 4-H - IFYE; Photos by Bob Birdsall, August 1953.

3504 Toshio Fukui of Japan at home of Kay Teremura farm near Ontario, Oregon. Young Kenneth Teremura, 8 years old, shows him the siphon irrigation, in contrast to the terrace he was accustomed to using at home. The siphon is used to distribute water from a lateral to a feeder ditch. Comparative wastefulness of water was surprising to him. The Teremuras have a 400-acre diversified farm, growing onions, potatoes, sugar beets and fall lettuce. Toshio planned to take head lettuce seed back to Japan. He said that although leaf lettuce is grown there, it is used mostly for table decoration. His home is on a 7-acre rice and fruit farm with his family of six. (neg. 1782)

3505 Toshio Fukui of Japan at home of Kay Teremura farm near Ontario, Oregon. Young Kenneth Teremura, 8 years old, shows him the siphon irrigation, in contrast to the terrace he was accustomed to using at home. The siphon is used to distribute water from a lateral to a feeder ditch. Comparative wastefulness of water was surprising to him. The Teremuras have a 400-acre diversified farm, growing onions, potatoes, sugar beets and fall lettuce. Toshio planned to take head lettuce seed back to Japan. He said that although leaf lettuce is grown there, it is used mostly for table decoration. His home is on a 7-acre rice and fruit farm with his family of six. (neg. 1783)

3506 Sheep; Photo by Bob Birdsall, October 1962.

Study of lamb carcasses cut-out values as a means of evaluating the lambs sires was reported at OSU Sheep and Wool Day. (neg. 1844)

3507-3510 4-H - IFYE; Photo by R.G. Fowler, Jr., August 1953.

3507 Daniel Florez of Columbia at farm of Bernal Hug family, Elgin, Oregon. The 1200-acre beef cattle and wheat ranch was his first visit in Oregon. Shown constructing an access road into one of Hugs feedlots to get materials in for building a concrete water trough. He said that after operating a tractor in the Wallowa mountains, he considered it a mistake notion that machinery couldnt be used in the hilly farmlands of Columbia. (neg. 1844)

3508 Daniel Florez of Columbia at farm of Bernal Hug family, Elgin, Oregon. The 1200-acre beef cattle and wheat ranch was his first visit in Oregon. Shown constructing an access road into one of Hugs feedlots to get materials in for building a concrete water trough. He said that after operating a tractor in the Wallowa mountains, he considered it a mistake notion that machinery couldnt be used in the hilly farmlands of Columbia. (neg. 1845)

3509 Karen Mellum of Norway at home of Mr. and Mrs. Roger Leening of Haines, Baker county, Oregon. Her young hostess, Anne Loennig, 16, shows the Norwegian visitor exhibits at the Baker county junior fair. The wool suit made by Anne and entered in the Make It Yourself with Wool contest. During her visit, her host family was teaching her how to drive a car--one of her great ambitions while visiting this country , since she had covered her area in Norway by bicycle. (neg. 1846)

3510 Karen Mellum of Norway at home of Mr. and Mrs. Roger Leening of Haines, Baker county, Oregon. Her young hostess, Anne Loennig, 16, shows the Norwegian visitor exhibits at the Baker county junior fair. The wool suit made by Anne and entered in the Make It Yourself with Wool contest. During her visit, her host family was teaching her how to drive a car--one of her great ambitions while visiting this country , since she had covered her area in Norway by bicycle. (neg. 1846)

3511-3512 4-H Club - Publicity; Photo by B.A. Peterson, May 1954.

3511 1954 National 4-H Club Camp delegates Left to right: Betty Stellmacher, 20; Albany; Frank Maynard, 19, McMinnville; Jean Eyman, 19, Canby; John Gardner, 18, Canyon City. (neg. 1848)

3512 1954 National 4-H Club Camp delegates Left to right: Betty Stellmacher, 20; Albany; Frank Maynard, 19, McMinnville; Jean Eyman, 19, Canby; John Gardner, 18, Canyon City. (neg. 1849)

3513 Sheep - Animals; Photo by B.A. Peterson, May 1954.

Grading sheep during 1953 sheep field day. (neg. 1858)

3514-3517 Food Technology - General; Photos by Robert Birdsall, May 1954.

3514 Pilot plant chemical process for removing filbert skins in operation at Oregon State College Food Technology Department. Following presoaking in alkaline solution, nuts are washed in a metal perforated basket and dumped into hopper at extreme left. Nuts receive acid bath for three to five minutes in first rotating cylinder and move into second cylinder for six to eight minute water bath that removes skin. Professor Curtis Wilder watches the operation which he says is economically feasible for commercial plants. (neg. 1860)

3515 Filbert skins loosened by chemical treatment removed by water spray and washed through gridded walls of rotating cylinder. Oregon State College graduate student Ian Tinsley played active part in testing the new process. (neg. 1861)

3516 End view of rotating cylinder where filbert skins are removed by high pressure water spray agitation. (neg. 1862)

3517 Best pilot plant trial for chemical removal of filbert skins yielded 90% whole peeled filberts, four percent whole filberts unpeeled. Present mechanical removal of filbert skins normally leaves less than 50% of a lot completely peeled. (neg. 1863)

3518 Beef - Bulls; Photo by B.A. Peterson, 1953.

Jim Elings and graduate student using Profilometer to measure dwarfism characteristics in a bulls profile. (neg. 1866)

3519-3520 4-H Club - IFYE; Photos by June Quincy, June 1954.

3519 New Zealand IFYEs meet Dr. Strand. Left to right: John Whitelock, Stewart Shirley, Lawrence Robertson, Donald McCallum (neg. 1868)

3520 New Zealand IFYEs meet Dr. Strand. Left to right: John Whitelock, Stewart Shirley, Lawrence Robertson, Donald McCallum (neg. 1868)

3521 Home Economics - General; Photo by Robert Birdsall, April 1954.

Home Economics Association convention, OSC. (neg. 1872)

3522-3523 Publicity - General; Photo by R.H. Birdsall, July 1954.

3522 New officers of the western section of the American Society of Animal Production elected at annual conference, July 12-14, at Oregon State college are (left) Fred F. McKenziem Oregon State college, vice-president; Hubert Heitman, Jr., University of California at Davis, immediate past president; L.E. Washburn, Colorado A. & M., president elect; and N.W. Hilston, Unversity of Wyoming, secretary-treasurer. (neg. 1875)

3523 G.M. Drumm (left), California Polytechnic dairy researcher and immediate past chairman of the western division of the American Dairy Science association, confers with J.O. Young, Oregon State college, nominee for 1955 chairmanship at associations annual conference, July 12-14, on campus. (neg. 1876)

3524-3529 Food Technology - General; Photo by B.A. Peterson, Fall 1953.

3524 Label cartons with name of product and date. Pictures taken for Extension Bulletin 688, Freezing Preservation of Fruits and Vegetables, revised June 1954. (neg. 1877)

3525 Wash and sort carefully in cold water. Prepare as for table use. Pictures taken for Extension Bulletin 688, Freezing Preservation of Fruits and Vegetables, revised June 1954. (neg. 1878)

3526 Drain well and then fill cartons as rule 6 for fruits. Pictures taken for Extension Bulletin 688, Freezing Preservation of Fruits and Vegetables, revised June 1954. (neg. 1879)

3527 Cover the first fruit with chilled syrup. Pictures taken for Extension Bulletin 688, Freezing Preservation of Fruits and Vegetables, revised June 1954. (neg. 1880)

3528 Gently mix fruit with sugar and then package. Pictures taken for Extension Bulletin 688, Freezing Preservation of Fruits and Vegetables, revised June 1954. (neg. 1881)

3529 To seal - press lid on firmly. A crumpled piece of locker wrap keeps fruit submerged in syrup. Pictures taken for Extension Bulletin 688,

Freezing Preservation of Fruits and Vegetables, revised June 1954. (neg. 1882)

3530-3541 Rabbits - Management; Photos by B.A. Peterson, Fall 1953.

3530 Common butcher rabbit with long shallow body, body hip, narrow loin, pinched heart, and lack of fullness in the leg. Taken for a rabbit bulletin, Rabbit Production, #745. (neg. 1883)

3531 A three tier hutch with part wood and part-wire bottoms. The wire at the back permits the droppings and urine to go through the metal pan which diverts them to the rear. Rabbits can rest on the wood in front. Feed which is spilled does not drop through. If these hutches are used outside, a good roof is necessary. They can be arranged in rows so that feeding can be done on both sides of a feed alley and droppings from the two rows go into a gutter which is between them. (neg. 1884)

3532 A three tier hutch with part wood and part-wire bottoms. The wire at the back permits the droppings and urine to go through the metal pan which diverts them to the rear. Rabbits can rest on the wood in front. Feed which is spilled does not drop through. If these hutches are used outside, a good roof is necessary. They can be arranged in rows so that feeding can be done on both sides of a feed alley and droppings from the two rows go into a gutter which is between them. (neg. 1885)

3533 Apple box in hutch for nest box. As bunnies grow box is turned around. When bunnies are little, box has low side next to wall. (neg. 1886)

3534 Apple box in hutch for nest box. As bunnies grow box is turned around. When bunnies are bigger, box has low side turned so that young can get in and out of nest easily. In this illustration the nest box should have been removed from the hutch before the young had grown to this size. Taken for a rabbit bulletin, Rabbit Production, #745. (neg. 1887)

3535 Recommended method of handling rabbit--holding rabbit so that weight falls on rump rather than on loose skin over back. Taken for a rabbit bulletin, Rabbit Production, #745. (neg. 1888)

3536 Recommended method of handling rabbit--carrying rabbit. Taken for a rabbit bulletin, Rabbit Production, #745. (neg. 1889)

3537 Recommended method of handling rabbit--picking up rabbit prior to slaughter. Taken for a rabbit bulletin, Rabbit Production, #745. (neg. 1890)

3538 Method of handling rabbit and cutting off head. This method allows quick bleeding. It is as humane as stunning first provided the head is removed quickly. Taken for a rabbit bulletin, Rabbit Production, #745. (neg. 1891)

3539 Method of cutting up rabbit for market--dorsal view of live rabbit. Taken for a rabbit bulletin, Rabbit Production, #745. (neg. 1892)

3540 Method of cutting up rabbit for market--dressed rabbit. Taken for a rabbit bulletin, Rabbit Production, #745. (neg. 1893)

3541 Method of cutting up rabbit for market--cut-up carcass, showing where parts come from. Taken for a rabbit bulletin, Rabbit Production, #745. (neg. 1894)

3542 Horticulture - Berries; Photo by Robert Birdsall, August 1954.

Charles Akiyama (left), Sheldon Laurance, and John P. Cooper, Parkdale strawberry growers, inspect Akiyamas six-acre Marshall field that yielded 40 tons this year. Strawberries are giving cash income while five-year-old Delicious apple trees are nearing bearing stage. (neg. 1895)

3543-3548 Food Technology - General; Photos by B.A. Peterson, June 1953.

3543 Testing beets at OSCs Food Tech department to determine off-flavors. (neg. 1899)

3544 Lois Sather, research assistant, Food Tech department handling tray of beets to be taste-tested in individual booths at Food Tech building. (neg. 1900)

3545 Research assistant dishing up beets to be taste-tested in OSC Food Tech departments off-flavor testing program. (neg. 1901)

3546 Edward C. Bubl, agricultural chemist, at OSC takes core of irradiated meat for analysis. Meat has been exposed to radiation as part of experiments of cold sterilization of meat. under quartermaster corps grant. (neg. 1902)

3547 Robert F. Cain of food technology with Erlenmeyer flasks containing samples of irradiated meat in solution. (neg. 1903)

3548 Closeup of meat with core taken out. Part of irradiated meat experiments. Held by Bob Cain of food technology at OSC. (neg. 1904)

3549-3550 4-H Club - IFYE; Photos by Jue Quincy, May 1954.

3549 Barbara Larson, IFYE to England and Wales, and Dorothy Teel, IFYE to Germany, for summer of 1954. (neg. 1905)

3550 Barbara Larson, IFYE to England and Wales, and Dorothy Teel, IFYE to Germany, for summer of 1954. (neg. 1906)

3551-3555 4-H Club - Publicity

3551 1953 Standard Oil Scholarship winners: Frances Hughson, 18, Albany; Doreen Bohnert, 17, Central Point; and Mary A. Meier, 17, Hillsboro. (neg. 1907)

3552 1953 Standard Oil Scholarship winner, Frances Hughson, 17, Albany. (neg. 1903)

3553 1953 Standard Oil Scholarship winner, Gloria Johnson, 17, Milwaukie. (neg. 1909)
3554 Standard Oil Scholarship winner for 1953, Doreen Bohnert, 17, Central Point. (neg. 1910)
3555 1953 Standard Oil Scholarship winner, Mary A. Meier, 17, Hillsboro. (neg. 1911)
3556-3557 Poultry - Equipment; Photos by June Quincy, November 1954.
3556 Gauge for measuring poultry, held by Noel Bennion. (neg. 1912)
3557 Gauge for measuring poultry. (neg. 1913)
3558-3561 4-H Club - IFYE; Photos by Robert Birdsall, September 1954.
3558 (Left to right): Joe Ellingson, Jr., Mapleton, Ore.; George Jefferson, Madras, Ore.; and Howard Wiedman, Oroville, Calif. Ellingson and Wiedman were IFYEs to Uruguay at the same time and Jefferson is scheduled to leave in October for Uruguay. (neg. 1920)
3559 George Jefferson, (left), Madras, visiting with former IFYEs to Uruguay, Howard Wiedman (center), Oroville, Calif. and Joe Ellingson, Jr., Mapleton, Oregon. Jefferson is a 1954 IFYE delegate to Uruguay. (neg. 1921)
3560 George Jefferson, (left), Madras, 1954 IFYE to Uruguay; Joe Ellingson, Jr., Mapleton, Oregon, and Howard Wiedman, Oroville, California, former IFYE delegates to Uruguay. (neg. 1922)
3561 Joe Ellingson, Jr., Mapleton, Oregon; George Jefferson, Madras, Oregon, who will leave for Uruguay in October; and Howard Wiedman, Oroville, California. Ellingson and Wiedman were IFYE delegates to Uruguay at the same time. (neg. 1923)
3562-3563 Food Technology - General; Photos by B.A. Peterson, January 1955.
3562 Irradiated ground beef looks about the same as untreated beef, as the sample held by Lois Sather, food technology researcher, show. Trained testers did notice difference, however, in studies at Oregon State college. (neg. 1924)
3563 Sample of irradiated and non-irradiated meat are tasted and scored by Geraldine Starks, food tech laboratory assistant, at OSC. (neg. 1925)
3564 Beef - General; Photo by B.A. Peterson, January 1955.
John Landers points to government inspection stamp on beef carcass. (neg. 1930)
3565-3567 Poultry - General
3565 Zelma Reigle, consumer education specialist, and Jack Fischer, poultry marketing specialist, compare sizes of a nine-pound turkey with a 24 pounder. (neg. 1936)

3566 Turkey pieces that retailer has cut up for consumers use. These birds are frozen, but retailer will piece turkey in fresh or frozen state. (neg. 1937)

3567 Bread cubes, favorite poultry stuffing, are put in the body cavity to cook during roasting.

Dressing may be cooked separately in a baking dish, too. (neg. 1938)

3568-3569 Crops - Potatoes; Photos by R.H. Birdsall, January 1956.

3568 Here's a sample of what can show up in the potato greenhouses tests at Oregon State college. On the right, John A. Milbrath, plant pathologist, holds several White Rose potato plants infected with mosaic. The parent plants of these seed potatoes had passed the summer field inspection when the mosaic must have remained hidden. On the left, George W. Clark seed certification specialist, holds a healthy White Rose plant. (neg. 1941)

3569 Checking potato plants in the Oregon State College potato certification greenhouses are (left to right) George W. Clark, seed certification specialist, and John A. Milbrath, plant pathologist. This is another step in the certification procedure that assures seed potato buyers disease-free seed. (neg. 1942)

3570-3574 Publicity - General; Photos by Burton Berger, April 1956.

3570 Members of the Oregon City Rotary Clubs International Relations turns weighing out the five-pound bags of Alta fescue seed to be sent to Greece. Shown up at work, left to right, are Dr. Ted Lathrop, local surgeon and chairman of the committee; State Senator Howard C. Belton, Canby; George H. Nickles, businessman; Leon Garoian, Clackamas county extension agent; Peter Schnell, businessman and president of the local Rotary club; Glen H. Waggoner, grade school principal; and Ken Bakkum, businessman. A total of 100 pounds of the top-quality seed was donated by the group in their Grass for Greece project. (neg. 1944)

3571 Putting the finishing touches on their Grass for Greece project, these Oregon City Rotary Club members are busy weighing and sacking blue tag Alta fescue seed in five-pound bags. Left to right are Dr. Ted Lathrop, local surgeon and chairman of the clubs International Service committee; Leon Garoian, Clackamas county extension agent; and Peter Schnell, local businessman who is president of the organization. A total of 100 pounds of the top-quality Alta seed was airmailed to Greek farmers for them to try in various sections of their country. (neg. 1945)

3572 Weighing out five pounds of high quality Alta fescue seed are left to right: Dr. Ted Lathrop, local surgeon and chairman of the Oregon City Rotary clubs International Service committee and Peter Schnell, local businessman who is president of the Rotary club. This was part of the Oregon Citys Rotary Clubs Grass for Greece project. (neg. 1946)

3573 Agriculture Building. (neg. 1947)

3574 Agriculture Building. (neg. 1948)

3575-3577 Dairy - General; Photos taken April 1956.

3575 Ivan Loughary dairy farm near Monmouth. Milking parlor in foreground adjoins twin loafing sheds. (neg. 1949)

3576 Ivan Loughary dairy farm near Monmouth. Twin loafing sheds funnel animals into milking parlor not seen in background. (neg. 1950)

3577 Ivan Loughary dairy farm near Monmouth. Concrete silos are emptied through covered automatic feed conveyor between loafing sheds. (neg. 1951)

3578-3581 Plant Pathology - General; Photos by R.G. Mason, June 1956.

3578 Olive Cook, Clackamas county agent examines Chewings Fescue damaged by Silver Top disease on farm north of Oregon City. (neg. 1956)

3579 Silver Top disease in Chewings Fescue seed crop field north of Oregon City. (neg. 1957)

3580 Silver Top disease in Chewings Fescue has practically wiped out seed stand (see white strip in background) north of Oregon City. (neg. 1959)

3581 Stand of Chewings Fescue north of Oregon City heavily infested with Silver Top disease. (neg. 1961)

3582 Publicity - General; Photo by R.H. Birdsall, December 1956.

F.L. Ballard and Wheeler McMillen, Farm Journal, visit during 71st annual Horticultural Society where McMillen was key speaker. (neg. 1964)

3583 Dairy - Pasture

Jerseys owned by Ralph Cope, II Langlois, Oregon on ladino clover and perennial ryegrass pasture. (neg. 1965)

3584-3591 Publicity - General; Photos taken May 1957.

3584 C.A. Henderson, Klamath County Agent. (neg. 1966)

3585 F.L. Ballard, OSC Ext. (neg. 1967)

3586 C.A Henderson, Klamath Agent, and F.L. Ballard, USDA Superior Service award winners, May 1957. (neg. 1968)

3587 John inskeep, Clackamas Agent, and F.L. Ballard, USDA Superior Service Award winners, May 1957. (neg. 1969)

3588 OSC extension service winners of 1957 USDA Superior Service awards (l. to r.) J.J. Inskeep, C.A. Henderson, and F.L. Ballard. (neg. 1970)

3589 OSC extension service winners of 1957 USDA Superior Service awards (l. to r.) J.J. Inskeep, C.A. Henderson, and F.L. Ballard. (neg. 1971)

3590 OSC extension service winners of 1957 USDA Superior Service awards (l. to r.) J.J. Inskeep, C.A. Henderson, and F.L. Ballard. (neg. 1972)

3591 John J. Inskeep, Clackamas county extension agent, one of Oregon winners of 1957 USDA superior service awards. (neg. 1973)

3592-3595 Home Economics - Clothing

3592 Oregon State College Shirt Making Project--1955. Left to right: Jack Mudd, Jimmie Lopakka, Graham Sheets. (neg. 1974)

3593 Oregon State College Shirt Making Project--1955. Graham Sheets in picture. (neg. 1975)

3594 Oregon State College Shirt Making Project--1955. L. to R: Jack Mudd, Jimmie Lopakka. (neg. 1976)

3595 Oregon State College Shirt Making Project--1955. L. to R: Jack Mudd, Cinda Mudd, Jimmie Lopakka. (neg. 1977)

3596 Home Economics - General

Home Economics Extension Agents training in Basket Weaving. Left: Miss Jessalee Mallilieu, OSC recreation specialist and (right) Mrs. Margaret Allyn, Columbia County Extension Agent. (neg. 1978)

3597-3600 Publicity; Photos by Birdsall, September 1980.

3597 OSC Extension Service District members (l to r) Gordon Hood, W.G. Nibler, C.L. Smith, Jackson Ross, and Gene Lear. (neg. 1980)

3598 OSC Extension Service District members (l to r) Gordon Hood, W.G. Nibler, C.L. Smith, Jackson Ross, and Gene Lear. (neg. 1981)

3599 OSC Extension Service district team members (seated l to r) C.L. Smith, Jackson Ross and Gene Lear. (Standing) Gordon Hood and W.G. Nibler. (neg. 1982)

3600 OSC Extension Service district team members (seated l to r) C.L. Smith, Jackson Ross and Gene Lear. (Standing) Gordon Hood and W.G. Nibler. (neg. 1983)

3601-3602 Crops - General; Photos by Birdsall, April 1958.

3601 Stanley Cellers, McMinnville seed dealer; Hubert Willoughby, Harrisburg seed grower; and Rex Warren, farm crops specialist, left U.S., April 25, for Far Ease seed market survey. (neg. 1985)

3602 Rex Warren, OSC farm crops specialist. (neg. 1990)

3603-3609 4-H - Poultry; Photos by Fairbanks.

3603 4-H Poultry project by Ben Graham, Monmouth. Also see 1994 thru 1999 and 1674 thru 2675. (neg. 1993)

3604 4-H Poultry project - Ben Graham, Monmouth Oregon. (neg. 1994)

3605 4-H Poultry project - Ben Graham, Monmouth Oregon. Girl in picture is sister. (neg. 1995)

3606 4-H Poultry project - Ben Graham, Monmouth Oregon. (neg. 1996)

3607 4-H Poultry project of Ben Graham, Monmouth. (neg. 1997)

3608 4-H Poultry project of Ben Graham, Monmouth. (neg. 1998)

3609 4-H Poultry project of Ben Graham, Monmouth. (neg. 1999)

3610 Equipment - Harvest. Photo by R.G. Fowler, Jr., September 1948.

Using a fox chopper, Walt Thomas, Quincy, Oregon, has mounted an old Diamond T truckcab and engine over the field chopper to give it motive power. It travels down a windrow of mowed mint, picks it up, chops it and blows it into the tub behind. (neg. 2000)

3611 Equipment - General; Photo by R.G. Fowler, Jr., September 1948.

Spreading spent mint hay with an end-gate release set-up employed by Walt Thomas, Quincy, Oregon, on one of his fields. (neg. 2001)

3612-3613 Publicity - General; Photos by R.G. Fowler, Jr., December 1948.

3612 1949 officer for the Oregon Wheat Growers League are seated, Paulen Kaseberg, Wasco, president. Standing, left to right, LeRoy Wright, Moro secretary-treasurer; Henry Baker, Heppner, vice-president; and Roscoe Roberts, (The Dalles, assistant secretary. (neg. 2002)

3613 Left to right, Arthur C. Jaeger, Condon, winner of the Oregon Wheat Growers League conservation contest. He was named Conservation Farmer of the Year 1948 at the twenty-first meeting of the League in Condon during 1948. He is shown with the rotating plaque and watch which he won. With him is Ralph McEwen, Jr., Haines, retiring League president. (neg. 2003)

3614 Dean of Men; Photo taken December 1955.

Dean Polings birthday party. (neg. 2004)

3616-3619 Publicity - General; Photos by R.G. Fowler, Jr., December 1948.

3616 County soil conservation contest winners shown at the twenty-first annual meeting of the Eastern Oregon Wheat League--the name has now been changed to the Oregon Wheat Growers League. They are, right to left: Cecil Byers, The Dalles, Wasco county; W.E. Bruckert, Wasco, Sherman county; E.R. McCause, North Powder, Union county; John H. Rea, Milton, Umatilla county; Robert C. Hammond, Enterprise, Walla Walla county; and Arthur Jaeger, Condon, Gilliam county and eventually named Conservation Farmer of the Year 1948. Kneeling behind the group is Floyd Root of Wasco, chairman of the selection committee. (neg. 2006)

3617 Prof. F.C. Reimer, who was awarded the

coveted Marshall Wilder medal at the 100th annual meeting of the American Pomological Society in Yakima on December 7 in recognition of his outstanding work in pear research. (neg. 2007)

3618 New officer of the Oregon Agents Assn chosen at the annual conference in Dec. are, seated, agent, president; D.L. Rassmussen, Marion county extension agent, secretary treasurer. Standing, left, W.S. Averill, Multnomah county extension agent, vice-president; and O.E. Mikesell, Linn county extension agent re-elected historian. (neg. 2008)

3619 New officer of the Oregon Agents Assn chosen at the annual conference in Dec. are, seated, agent, president; D.L. Rassmussen, Marion county extension agent, secretary treasurer. Standing, left, W.S. Averill, Multnomah county extension agent, vice-president; and O.E. Mikesell, Linn county extension agent re-elected historian. (neg. 2009)

3620-3621 Home Economics - Publicity; Photos by R.G. Fowler, Jr., December 1948.

3620 During the annual extension staff conference in December, new officers were elected for the Oregon Home Demonstration Agents Assn. They are, left, Miss Jane Knapp, Baker county home demonstration agent who chose president and Miss Viola Hansen, Linn county home demonstration agent, secretary-treasurer. (neg. 2010)

3621 During the annual extension staff conference in December, new officers were elected for the Oregon Home Demonstration Agents Assn. They are, left, Miss Viola Hansen, secretary-treasurer; and Miss Jane Knapp, Baker county home demonstration agent, president. (neg. 2011)

3622-3627 Sheep - General; Photos by B.A. Peterson., March 1954.

3622 John Landers, OSC Extension Animal Husbandman, giving individual instruction to youth attending OSC sheep shearing school. (neg. 2012)

3623 Ed Warner, Chicago representative of Sunbeam Corporation, instructing at OSC sheep shearing school. (neg. 2013)

3624 Ed Warner, Chicago representative of Sunbeam Corporation, instructing at OSC sheep shearing school. (neg. 2014)

3625 Ed Warner explaining workings of sheep shears at OSC sheep shearing school. (neg. 2015)

3626 John Landers giving instruction to Benton county youth OSC sheep shearing school. (neg. 2016)

3627 General view of sheep shearing school. (neg. 2017)

3628-3630 Plant Pathology - General; Photos by Robert Birdsall, May 1954.

3628 Dr. H.J. O'Reilly (right), OSC Extension plant pathologist in charge of new OSC Plant Clinic, and lab technician Walter Tolmsoff, examine lilac blooms for disease. Clinic offers fast free plant disease diagnosis and control. (neg. 2018)

3629 Dr. O'Reilly, OSC plant pathologist, and department secretary, Mrs. June McMahon going through the days mail of injured plants at the new OSC Plant Clinic. Nearly 200 plant specimens were received at the clinic during its first three weeks of operation in late May. (neg. 2019)

3630 Dr. O'Reilly, OSC plant pathologist, and department secretary, Mrs. June McMahon going through the days mail of injured plants at the new OSC Plant Clinic. Nearly 200 plant specimens were received at the clinic during its first three weeks of operation in late May. (neg. 2020)

3631-3633 4-H - Swine; Photos by J.W. Scheel, February 1949.

3631 Members of the Middlegrove Progressive 4-H Swine Club of Marion county inspecting the bred gilt belonging to Wayne Goode. Shown in the picture, left to right, are Anthol Riney, Marion County club agent, Marvin Cage, Lewis Patterson, Marshall Jelderks, Dale Van Cleave, Mrs. Emory

Goode, local leader, Yvonne Goode and Gary Doty. Wayne Goode is showing the gilt in the foreground. (neg. 2121)

3632 Members of the Middlegrove Progressive 4-H Swine Club of Marion county at the Marvin Cage farm with Hampshire gilt which he has consigned to the Oregon Swine Growers Bred Gilt Sale at Prineville March 2. Shown, left to right, are Gary Doty, Marshall Jelderks, Dale Van Cleave, Mrs. Emory Goode, local leader, Yvonne Goode, Wayne Goode, Marvin Cage, and Lewis Patterson. (neg. 2123)

3633 Members of the Middlegrove Progressive 4-H Swine Club of Marion county inspecting the bred gilt belonging to Wayne Goode. Shown in the picture, left to right, are Anthol Riney, Marion County club agent, Marvin Cage, Lewis Patterson, Marshall Jelderks, Dale Van Cleave, Mrs. Emory Goode, local leader, Yvonne Goode and Gary Doty. Wayne Goode is showing the gilt in the foreground. (neg. 2125)

3634 4-H - Publicity; Photo by J.W. Scheel; February 1949.

Making mayonnaise for a salad that will be appetizing as well as healthy is the center of attention for this 4-H kitchen trio. Diana Antone, left, and Dorothy Cadman, right, follow the prescribed recipe under the watchful eye of Mrs. C.L. Miller, leader. The girls are members of the Busy Cooks club which meets every other week at Mrs. Miller's home in the Santa Clara district near Eugene. (neg. 2126)

3635 4-H - Home Economics; Photo by J.W. Scheel, February 1949.

The 4-H Be One Club settles down to serious work on clothing projects around the dining room table in the Eugene home of Mrs. C.A. Syverson, the club leader. Left to right, Joyce McCollough, Joyce Birkhimer, Alice Ann Lambert, Gloria Payne, Mrs. Syverson, Delores Barrel, Darlene Blanchard. The girls attend the Bethel school in Eugene and hold their club meetings at the Syverson home on Friday afternoons after school is out. (neg. 2127)

3636-3637 4-H - Publicity; Photos by J.W. Scheel, February 1949.

3636 A 100 percent 4-H family puts approval on the handwork of one of its members. Mr. and Mrs. George Chalberg, 1085 Cal Young Grade, Eugene, are both club leaders; their daughter Sharon is a clothing club member; and son Vernon carries a woodworking project. Vernon is displaying a wooden wastebasket with leather ties which is one of his project items. Mr. Chalberg, a carpenter, leads the 4-H woodworking club at Willagillispie school of which Vernon is a member. Mrs. Chalberg leads a sewing club at the same school. (neg. 2129)

3637 Three inquisitive boys believe that what's cooking? is more important than a watched pot never boils. The trio, left to right, are Robert Stehn, Wayne Lloyd, and Bernard Roberts, all members of the Busy Cooks

club of Lane county. they are untroubled by the fact that girls in the club outnumber them 7 to 3. (neg. 2131)

3638 4-H - Dairy; Photo by J.W. Scheel, February, 1949.

Justin Lester, left, leader of the 4-H dairy club at the WCTU Childrens Farm Home near Corvallis in Benton County, shown with Bill Rigney, a member of the club, and his dairy project. (neg. 2132)

3639-3640 4-H - Beef; Photos by J.W. Scheel, February 1949.

3639 Posing with this Hereford steer, Howard Hess 4-H project animal for this year, are, left to right, Pat Guerber, leader of Benton county 4-H livestock club; Michael Guerber; Albert Lamb; Larry Morgan; Donald Lamb; and Howard Hess. (neg. 2133)

3640 Combs and brushes have their place in the barnyard as well as the bathroom. Pat Guerber, left, leader of a Benton county 4-H livestock club, demonstrates the use of a scotch comb for Larry Morgan, Howard Hess, Albert Lamb and Donald Lamb. (neg. 2134)

3641 4-H - Dairy; Photo by J.W. Scheel, February 1949.

Watch how the feet are placed if you want your animal to look its best in the show ring, says Justin Lester right, to Bill Rigney. Lester is leader of the 4-H dairy club at the WTCU Childrens Farm Home near Corvallis in Benton County and Rigney is one of the club members. Such instruction in how to do is an important part of the job performed by more than 2575 volunteer local 4-H leaders throughout the state. (neg. 2135)

3642 Publicity - General; Photo by R.G. Fowler, Jr., January 1949.

At the 55th annual meeting of the Oregon Dairymens Assn. held in Corvallis in January 1949, two Oregon dairy cattle clubs elected new officers. Left to right are Dr. J.B. Harrison, Portland, president, Oregon Holstein-Friesian Cattle club; center Hans Leuthold, Tillamook, president, Oregon Guernsey Cattle club; and right is Floyd Bates, Salem, 1948 president of Oregon Jersey Cattle club. His organizations annual meeting was to be held in late January. (neg. 2136)

3643 Horticulture - General; Photo by R.H. Birdsall, December 1954.

Professor Henry Hartman (left), Oregon State college horticulture department head was honored by the Oregon State Horticulture Society for his contributions to the fruit industry at OSC president A.L. Strand presented the trophy--The Hartman Cup-- which now becomes a revolving award for future recognition of service by either growers or professional workers. (neg. 2137)

3644-3646 4-H - Publicity; Photos by R.G. Fowler, Jr., January 1949.

3644 Margaret Freudenthal, Hillsboro, winner of a 4-H Rite-way \$200 dairy scholarship and this year a sophomore in agriculture

at OSC, and Lt. Colonel Norman G. Reynolds, ROTC infantry unit director and rifle range officer. (neg. 2138)

3645 Margaret Freudenthal, Hillsboro, winner of a 4-H Rite-way \$200 dairy scholarship and this year a sophomore in agriculture at OSC, and Lt. Colonel Norman G. Reynolds, ROTC infantry unit director and rifle range officer. (neg. 2139)

3646 Margaret Freudenthal, Hillsboro, winner of a 4-H Rite-way \$200 dairy scholarship and this year a sophomore in agriculture at OSC, and Lt. Colonel Norman G. Reynolds, ROTC infantry unit director and rifle range officer. (neg. 2140)

3647 Publicity - General; Photo by R.G. Fowler, Jr., January 1949.

At the 55th annual meeting of the Oregon Dairymens Assn. held in Corvallis in January 1949, two Oregon dairy cattle clubs elected new officers. Left to right are Dr. J.B. Harrison, Portland, president, Oregon Holstein-Friesian Cattle club; center Hans Leuthold, Tillamook, president, Oregon Guernsey Cattle club; and right is Floyd Bates, Salem, 1948 president of Oregon Jersey Cattle club. His organizations annual meeting was to be held in late January. (neg. 2141)

3648 4-H - Publicity; Photo by R.G. Fowler, Jr., January 1949.

Oldest continuous 4-H club in the State of Oregon and believed to be the oldest 4-H club in existence is the Model Dairy Club in Linn county. It was formed in March 1922. Shown is leader N.W. Shelby, Albany, testing his 10 charges on the parts of a cow during a recent winter meeting. During the winter months, club meetings are normally carried on indoors. Girl on the right is Barbar Shelby, 10, who is the daughter of Homer L. Shelby, himself a former member of the Model Dairy club. Club members, left to right, are: Barbara Shelby, 10; Richard Johnstone, 15; David Shelby, 12; Jean Jphnstone, 11; Carolyn Nygren, 14; Bruce Johnstone, 12; Patsy Covey, 13; Gene Nygren, 16; Marilyn Baker, 13; and Bunny Nygren, 9, all of Albany. (neg. 2142)

3649 Poultry - General; Photo by Curtis Reid, February 1949.

Jess A. Hansen, Corvallis, of Hansens Leghorn Farm, is shown presenting a prize cockerel to Marion county 4-H club member, Martha Harper Brooks. The cockrel was presented for the pen of best White Leghorn pullets at the 1948 State Fair. (neg. 2143)

3650 Horticulture - General; Photo by R.H. Birdsall, December 1955.

Horticulture Society officers for 1955 are (l. to r.): Seated--D.B. Lowry, trustee; H.J. Bushue, president; Gordon Walker, vice-pres.; Standing--C.O. Rawlings, secretary; Orville Hamilton, vice-pres; H.J. O'Reilly, coordinator; Glen Schaeffer, trustee. (neg. 2144)

3651-3652 Poultry - General; Photos by Curtis Reid, February 1949.

3651 Jess A. Hansen, Corvallis, of Hansens Leghorn Farm, is shown presenting a prize cockerel to Marion county 4-H club member, Martha Harper Brooks. The cockrel was presented for the pen of best White Leghorn pullets at the 1948 State Fair. (neg. 2145)

3652 Jess A. Hansen, Corvallis, of Hansens Leghorn Farm, is shown presenting a prize cockerel to Marion county 4-H club member, Martha Harper Brooks. The cockrel was presented for the pen of best White Leghorn pullets at the 1948 State Fair. (neg. 2146)

3653-3656 Home Economics - General; Photos by R.G. Fowler, Jr., February 1949.

3653 Dressmaking workshop in the basement of the Plymouth church, Benton county, February 1949. (neg. 2147)

3654 Dressmaking workshop in the basement of the Plymouth church, Benton county, February 1949. (neg. 2148)

3655 Dressmaking workshop in the basement of the Plymouth church, Benton county, February 1949. (neg. 2149)

3656 Dressmaking workshop in the basement of the Plymouth church, Benton county, February 1949. (neg. 2150)

3657-3658 Publicity - General; Photo taken November 1948.

3657 Left, Cal G. Monroe and right, Burton Hutton, assistant state 4-H club leader. (neg. 2151)

3658 L.J. Doc Allen, state 4-H club leader. (neg. 2152)

3659-3660 Equipment - Harvest; Photos by R.G. Fowler, Jr., July 1948.

3659 Noon chow at the Stanley Tucker ranch near Buttercreek in Umatilla county. (neg. 2157)

3660 Wheat harvesting scenes on the Stanley Tucker ranch near Buttercreek in Umatilla county. (neg. 2159)

3661-3664 Crops - Grain; Photos by R.G. Fowler, Jr., July 1948.

3661 Wheat harvesting scenes on the Stanley Tucker ranch near Buttercreek in Umatilla county. (neg. 2160)

3662 Wheat harvesting scenes on the Stanley Tucker ranch near Buttercreek in Umatilla county. (neg. 2161)

3663 Wheat harvesting scenes on the Stanley Tucker ranch near Buttercreek in Umatilla county. (neg. 2162)

3664 Looking across wheat variety trials on the Moro Experiment Station toward the city of Moro in background. (neg. 2164)

3665 Dean of Women

Mary R. Robinson, Assistant Dean of Women. (neg. 2165)

3666-3667 Crops - Grain; Photos by R.G. Fowler, Jr., July 1948.

3666 George Mitchell, superintendent of the Pendleton branch experiment station, is shown in a striped pattern of wheat variety trials on that station. (neg. 2165)

3667 Wheat variety trials on the Moro branch experiment station shown with city of Moro in background. (neg. 2166)

3668 Equipment - Harvest; Photo by R.G. Fowler, Jr., July 1948.

Combines at work on Stanley Tucker ranch in the Butter Creek section of Umatilla county. (neg. 2167)

3669-3670 Dairy - Animals; Photos by R.G. Fowler, Jr., July 1948.

3669 On a bluff overlooking an Alderwold pasture belonging to Herman J. Merz, Ada, Oregon dairyman, stands nine-year-old Baronet, the bull that has sired a remarkable number of high milk, high butterfat producing daughters. His best 10 daughters have produced 741.9 pounds of butterfat in 12,784.6 pounds of milk during a test year. (neg. 2168)

3670 On a bluff overlooking an Alderwold pasture belonging to Herman J. Merz, Ada, Oregon dairyman, stands nine-year-old Baronet, the bull that has sired a remarkable number of high milk, high butterfat producing daughters. His best 10 daughters have produced 741.9 pounds of butterfat in 12,784.6 pounds of milk during a test year. (neg. 2169)

3671 Home Economics - Publicity

Left to right, Mrs. Myrtle Carter, OSC Clothing and Textiles Specialist; and Miss Viola Hansen, Linn County Extension Agent. (neg. 2170)

3672 4-H - Dairy; Photo by R.G. Fowler, Jr., July 1948.

Dick Merz, 9, son of Mr. and Mrs. Herman J. Merz, Ada, Oregon, is shown feeding a portion of their registered Jersey calf herd. (neg. 2173)

3673 Turkeys - Equipment; Photo by R.G. Fowler, Jr., December 1948.

Les Schneider, nweberg, turkey breeder, demonstrates how the telescoping hover unit may be raised toward the ceiling when the brooder house is cleaned. Slat floors have also been removed for steaming and roosts have been swung up against the wall. (neg. 2176)

3674 4-H - Publicity; Photo by R.G. Fowler, Jr., March 1949.

Window in the J.C. Penney Company store, Corvallis, during National 4-H Club Week, March 5-13, 1949. (neg. 2179)

3675 Publicity - General; Photo by R.G. Fowler, Jr., February 1949.

M.G. Huber, OSC extension agricultural engineer, shown presenting construction principles of a wooden stave silo using a model. (neg. 2180)

3676-3677 4-H - Dairy; Photos by R.G. Fowler, Jr., September 1948.

3676 Jay Richardson, Albany, prominent 4-H club member, is shown with his herd of Jerseys on the family farm. (neg. 2181)

3677 Jay Richardson, Albany, prominent 4-H club member, is shown with his herd of Jerseys on the family farm. (neg. 2182)

3678 Crops - General; Photo by J.W. Scheel, March 1949.

The largest single stock of first generation Kenland red clover seed in the United States is shown in this picture taken in Jefferson county Oregon. W.I. Gibson, Culver, right, is the grower proudly displaying his 1948 crop to County Agent Hollis Ottaway, kneeling, and former County Agent R.A. Hunt, now fieldman for the Pacific Supply Cooperative. Each of the 91 bags shown in the picture contains 30 pounds of Kenland clover seed which is currently selling for about \$1.25 per pound. (neg. 2183)

3679-3690 Conservation - General; Photos by J.W. Scheel, March 1949.

3679 Orchard land without cover crop loses soil; land with cover crop catches and holds it. This Wasco county hillside provides a striking demonstration of the effectiveness of a cover crop in preventing erosion. The orchard in the foreground was clean cultivated up and down the slope; the orchard in the background has a cover crop of oats. Soil lost from the clean cultivated orchard was caught and held to the depth of several inches in the cover crop land down the slope. (neg. 2187)

3680 Orchard land without cover crop loses soil; land with cover crop catches and holds it. This Wasco county hillside provides a striking demonstration of the effectiveness of a cover crop in preventing erosion. The orchard at the right was clean cultivated up and down the slope while at left it has the cover crop. (neg. 2189)

3681 Roy T. Johnson, left, Wasco county cherry grower, and county agent E.M. Nelson, right. Mr. Johnson is enthusiastic about the way the alta fescue sod in this waterway has prevented soil washing. Mr. Johnson uses a permanent grass cover on the soil throughout the orchard, using water pumped from a well near the Columbia river to irrigate through the summer. Though the water has to be lifted some 500 feet to reach the orchard, Mr. Johnson says it is a good investment. The increased return from one tree more than pays the cost of irrigating an entire acre. (neg. 2191)

3682 Orchard land without cover crop loses soil; land with cover crop catches and holds it. This Wasco county hillside provides a striking demonstration of the effectiveness of a cover crop in preventing erosion. The orchard in the foreground was clean cultivated up and down the slope; the orchard in the background has a cover crop of oats. Soil lost from the clean cultivated orchard was caught and held to a depth of several inches in the cover crop land down slope. (neg. 2191)

3683 Orchard land without cover crop loses soil; land with cover crop catches and holds it. This Wasco county hillside provides a striking demonstration of the effectiveness of a cover crop in preventing erosion. The orchard in the foreground was clean cultivated up and down the slope; the orchard in the background has a cover crop of oats. Soil lost from the clean cultivated orchard was caught and held to a depth of several inches in the cover crop land down slope. (neg. 2192)

3684 D.C. Purnell, Multnomah county extension agent, shown viewing a 30 inch gully on sidehill strawberry field in Multnomah county. Here is shown an example of what happens when excessive run-off is allowed to travel down crop rows which are planted up and down a slope. (neg. 2193)

3685 D.C. Purnell, Multnomah county extension agent, is shown standing in a gully in a daffodil field near Troutdale, March 1949. This is an example of the severe erosion which took place in the area during the 1948-1949 winter. Daffodil rows as shown are planted up and down the hill. (neg. 2194)

3686 D.C. Purnell, Multnomah county extension agent, shown in a 9 foot gully in a daffodil field near Troutdale, March 1949. (neg. 2195)

3687 Gullies in daffodil field near Troutdale. (neg. 2196)

3688 Area in mid-foreground is a deposit of silt which washed down the strawberry rows in a field in Multnomah county. (neg. 2197)

3689 D.C. Purnell, Multnomah county extension agent, in a daffodil field near Troutdale. Young trees and baled straw were thrown into the gully by the farm operator in order to halt erosion. (neg. 2198)

3690 Gully in daffodil field near Troutdale, Multnomah county. Smooth area on right was a fall seed sod waterway with alta and creeping red fescue. Water was diverted down the daffodil field in order to allow seeded area to get better established. Obviously, efforts, although well-intended, were to no avail. (neg. 2199)

3691 Turkeys - General; Photo by R.G. Fowler, Jr., March 1949.

Mr. and Mrs. Lester Schneider--Les and Ruby-- are shown walking on the range of their turkey breeding operations near Newberg, Oregon. (neg. 2201)

3692 Turkeys - Housing; Photo by R.G. Fowler, Jr., March 1949.

Outside view of the turkey brooder house operated by Mr. and Mrs. Lester Schneider, Newberg, Oregon. This view shows sunporches on southern exposure. (neg. 2202)

3963 Turkeys - Equipment; Photo by R.G. Fowler, Jr., March 1949.

Mrs. Lester Schneider shown in a turkey brooder house holding a section of slatted floor. The slatted sections are removable and are cleaned after

each hatch with a steam jenny located outside. Telescoping hover is shown on right foreground. (neg. 2203)

3694 Turkeys - Management; Photo by R.G. Fowler, Jr., March 1949.

Les Schneider is shown operating one of the individual tom pens in his pen- mating breeding house. Pens are equipped with windows on the western exposure in order that toms may have more sunlight to increase vitality. Each pen holds 75 birds and seven pens are located against the west wall. One tom is in the flock at a time while seven are penned. Toms are rotated one at a time. (neg. 2204)

3695-3696 Turkeys - Equipment; Photos by R.G. Fowler, Jr., March 1949.

3695 Household furnace with an attached air intake that provides brooder heat and air conditioning in Mr. and Mrs. Lester Schneiders turkey brooder house, Newberg, OR. The house includes 5 pens.

Outside house measurements are 24 by 80. (neg. 2205)

3696 Les and Ruby Schneider gathering turkey eggs in their portable range nests, Newberg, Oregon. (neg. 2206)

3697 Turkeys - Management; Photo by R.G. Fowler, Jr., March 1949.

Portable turkey roosts on the range operated by Mr. Mrs. Lester Schneider, Newberg, Oregon. (neg. 2207)

3698 Turkeys - Equipment; Photo by R.G. Fowler, Jr., March 1949.

Portable turkey laying nests on the range operated by Mr. and Mrs. Lester Schneider, Newberg, Oregon. (neg. 2208)

3699 Turkeys - Housing; Photo by R.G. Fowler, Jr., March 1949.

Brooder house scene on the Mr. and Mrs. Lester Schneiders turkey breeding farm, Newberg, Oregon. (neg. 2209)

3700 Dairy - Housing; Photo by R.G. Fowler, Jr., March 1949.

Loafing shed scene taken on the farm of George Gentemann, Independence. (neg. 2122)

3701-3719 Home Economics - Organization; Photos by R.G. Fowler, Jr., March 1949. 3701 Linn County Homemakers Festival, Albany, March 31, 1949. (neg. 2215)

3702 Linn County Homemakers Festival, Albany, March 31, 1949. (neg. 2216)

3703 Linn County Homemakers Festival, Albany, March 31, 1949. (neg. 2217)

3704 Linn County Homemakers Festival, Albany, March 31, 1949. (neg. 2218)

3705 Linn County Homemakers Festival, Albany, March 31, 1949. (neg. 2219)

3706 Linn County Homemakers Festival, Albany, March 31, 1949. (neg. 2220)

3707 Linn County Homemakers Festival, Albany, March 31, 1949. (neg. 2221)

3708 Linn County Homemakers Festival, Albany, March 31, 1949. (neg. 2222)

3709 Linn County Homemakers Festival, Albany, March 31, 1949. (neg. 2223)

3710 Linn County Homemakers Festival, Albany, March 31, 1949. (neg. 2224)

3711 Benton County Homemakers Festival. (neg. 2226)

3712 Benton County Homemakers Festival. (neg. 2227)

3713 Benton County Homemakers Festival. (neg. 2228)

3714 Benton County Homemakers Festival. (neg. 2229)

3715 Benton County Homemakers Festival. (neg. 2230)

3716 Benton County Homemakers Festival. (neg. 2231)

3717 Benton County Homemakers Festival. (neg. 2232)

3718 Benton County Homemakers Festival. (neg. 2233)

3719 Benton County Homemakers Festival. (neg. 2234)

3720 4-H - Clothing; Photo by R.G. Fowler, Jr., April 1949.

Benton County Homemakers Festival. (neg. 2226)

3721 Publicity - General; Photos by R.G. Fowler, Jr., April 1949.

4-H Poultry Club Leaders School, OSC campus, April 1949. Left to right: Mrs. Irene Ames, Curtin; Noel Benton, OSC poultry spec.; Thomas Burton, Bend; and Homer Zuver, Sherwood. (neg. 2237)

3722-3726 Home Economics - Publicity; Photos by R.G. Fowler, April 1949.

3722 Scene in downtown store window during Benton County Homemakers Festival, Corvallis, April 6, 1949. (neg. 2239)

3723 Scene in downtown store window during Benton County Homemakers Festival, Corvallis, April 6, 1949. (neg. 2240)

3724 Scene in downtown store window during Benton County Homemakers Festival, Corvallis, April 6, 1949. (neg. 2241)

3725 Scene in downtown store window during Benton County Homemakers Festival, Corvallis, April 6, 1949. (neg. 2242)

3726 Scene in downtown store window during Benton County Homemakers Festival, Corvallis, April 6, 1949. (neg. 2243)

3727-3728 Home Economics - Organization; Photo by R.G. Fowler, Jr., April 1949.

3727 Marion county Homemakers Festival. Salem, April 1949. (neg. 2244)

3728 Marion county Homemakers Festival. Salem, April 1949. (neg. 2245)

3729 Home Economics - Publicity; Photo by R.G. Fowler, Jr., April 1949.

Marion county Homemakers Festival. Salem, April 1949. (neg. 2246)

3730-3732 Home Economics - General; Photos by R.G. Fowler, Jr., April 1949.

3730 Marion county Homemakers Festival. Salem, April 1949. (neg. 2247)

3731 Marion county Homemakers Festival. Salem, April 1949. (neg. 2258)

3732 Marion county Homemakers Festival. Salem, April 1949. (neg. 2259)

3733 4-H - General; Photo by R.G. Fowler, Jr., April 1949.

Marion county Homemakers Festival. Salem, April 1949. (neg. 2250)

3734 Equipment - General; Photo by R.G. Fowler, Jr., April 1949.

Used for the first time in the Columbia Basin country is a rotary stubble cutter which is pictured on the Roy Hobby ranch, South Reservation in Umatilla county. This equipment is powered by a power takeoff from the tractor an through a system of V bleets operates five whirling blades beneath a table at a speed of 1400 r.p.m. This piece of equipment is 12 feet wide and will travel 5 to 6 miles per hour through stubble. By adjustment, stubble may be cut at a height 5 to 15 inches above ground. (neg. 2251)

3735 Fertilizers - Applicators; Photo by R.G. Fowler, Jr., April 1949.

Equipment owned by the Shell Chemical Corporation is shown in readiness for an anhydrous ammonia fertilizer application demonstration on the Pendleton branch experiment station. This is the first time that anhydrous ammonia fertilizer was ever used in Oregon. The implements shown release anhydrous ammonia at a soil depth of 6 inches. The implement shown is 8 geet in width an dhas 7 outlets. The anhydrous ammonia is metered into the soil through valves and carying sized orifices. Of course, the speed of the tractor is also figured into the rate per avre. Anhydrous ammonia similar to that supplied by the Shell corporation weighs 5 pounds and contains 4.1 pounds of nitrogen. The company claims it is at least 81 percent nitrogen. (neg. 2252)

3736 Equipment - General; Photo by R.G. Fowler, Jr., April 1949.

Used for the first time in the Columbia Basin country is a rotary stubble cutter which is pictured on the Roy Hobby ranch, South Reservation in Umatilla county. This equipment is powered by a power takeoff from the tractor an through a system of V bleets operates five whirling blades beneath a table at a speed of 1400 r.p.m. This piece of equipment is 12 feet wide and will travel 5 to 6 miles per hour through stubble. By adjustment, stubble may be cut at a height 5 to 15 inches above ground. (neg. 2255)

3737-3738 Equipment - Tillage; Photos by R.G. Fowler, Jr., April 1949.

3737 Duckfoot plw similar to the one shown vary in widths from 16 to 36 inches in the wheat country. This plow is equipped with 16-inch duckfoot attachments. Sub-surface plows similar to this have proven themselves as especially adaptable in stubble mulch type farming in the Columbia basin. Reson is that stubble is mixed in the top soil surface rather than layered as it is with an old moldboard type plow or disk. (neg. 2253)

3838 A Graham-Hoeme plow is shown being viewed by Umatilla county ranchers during a field tour conducted by Victor W. Johnson on April 29, 1949. Sub-surface implements similar to this proved successful as a means of mixing stubble straw in the top surface of the ground as water and wind erosion preventatives. This type of duckfoot plow has proven better than the old moldboard or disk type plow, since it mixes stubble in the top soil surface rather than layering it into the surface. The implement is shown on the Jim Rutten place, 2 miles northeast of Pendleton on Wildhorse Creek where erosion losses were particularly severe. (neg. 2254)

3739 Fertilizers - Applicators; Photo by R.G. Fowler, Jr., April 1949.

T.J. Julian, Shell Chemical Corporation technician, is shown riding anhydrous ammonia tanks during the application demonstration held on the Pendleton branch experiment station, April 29, 1949. This was the first time that anhydrous ammonia had been applied to the soil in Oregon as a nitrogen supplying fertilizer. The implement shown is 8 feet in width and is equipped with 7 release implements. It is adjusted to release the anhydrous ammonia at a depth of 6 inches. Note frost on ammonia pipes. Each of the two cylinders seen holds 150 pounds of compressed anhydrous ammonia. (neg. 2256)

3740 Equipment - General; Photo by R.G. Fowler, Jr., April 1949.

Used for the first time in the Columbia Basin country is a rotary stubble cutter which is pictured on the Roy Hobby ranch, South Reservation in Umatilla county. This equipment is powered by a power takeoff from the tractor and through a system of V belts operates five whirling blades beneath a table at a speed of 1400 r.p.m. This piece of equipment is 12 feet wide and will travel 5 to 6 miles per hour through stubble. By adjustment, stubble may be cut at a height 5 to 15 inches above ground. (neg. 2257)

3741-3742 Turkeys - Management; Photos by R.G. Fowler, Jr., April 1949.

3741 Poults on radiant floor heated brooder house, OSC, April 1949. (neg. 2258)

3742 Poults on electric floor radiant heated brooder house, OSC, April 1949. (neg. 2259)

3743 Turkeys - Equipment; Photo by R.G. Fowler, Jr., April 1949.

Hinges roof on a turkey feed hopper as shown near the turkey brooder house, OSC, April 1949.
Extension poultry specialist Noel Bennion pictured. (neg. 2260)

3744 Poultry - Housing; Photo by R.G. Fowler, Jr., April 1949.

Outdoor type poultry house shown in the OSC campus April 1949. Noel Bennion, extension poultry specialist, shown at nests in shaded areas. (neg. 2261)

3745 Turkeys - Equipment; Photo by R.G. Fowler, Jr., April 1949.

Homemaje light bulb type poult brooders shown in the new OSC turkey brooder house April 1949.
Brooder on right is upturned to show how light bulbs are arranged. (neg. 2262)

3746 Turkeys - Management; Photo by R.G. Fowler, Jr., April 1949.

Pictured view of turkey range, trapsheets, and feeding areas, OSC, April 1949. (neg. 2263)

Extension and Experiment Station Communications Photographs (P 120)

3747-3754 Poultry - Management; photos by R.G. Fowler, Jr., May 1949.

3747 OSC extension poultry specialist Noel Bennion, is shown holding two Leghorn hens. Bird on left--a nonproducer--is shown with a shriveled, scaly comb and wattles, while bird on right has a full red comb indicating it is still in production. (neg. 2264)

3748 Part of poultry Culling series--Compare shanks. Noel Bennion, OSC extension poultry specialist, is shown comparing pigment in shanks on two Leghorn hens. Bird on left has yellow pigment in shanks indicating it out of lay. Bird on right still in production has no pigmentation in shanks. (neg. 2265)

3749 In culling, measure width between Pubic or lay bones. OSC extension poultry specialist, Noel Bennion, shows that at least three fingers may be placed between the pubic or lay bones on a producing hen. (neg. 2266)

3750 In culling, measure abdomen. As indicated by Noel Bennion, OSC extension poultry specialist, this bird has a very narrow distance between its pubic or laying bones and tip of keel bone. The abdomen is shrunken as well as the vent. (neg. 2267)

3751 Part of poultry culling series. Measure width between pubic or lay bones. This bird is being measured by Noel Bennion, OSC extension poultry specialist, is a non-producer and its public or lay bones have

drawn together. Bennion indicates that only one finger may be placed between the two bones. (neg. 2268)

3752 In culling, measure abdomen. On a producing hen as indicated by Noel Bennion, OSC extension poultry specialist, the abdomen is soft, pliable, and there is approximately four fingers distance between the pubic bones and the tip of the keel bone. The vent is moist, dilated, and does not show yellow pigment. (neg. 2269)

3753 In culling, examine wing feathers. Noel Bennion, OSC extension poultry specialist, is shown spreading the wing of an early molting hen. The bird shown has lost some of its primary wing feathers indicating that it is out of lay. Birds in the laying flock that show this sign in early summer should be culled immediately. (neg. 2270)

3754 In culling, examine wings for signs of molt. This producing hen shown having its wing examined by Noel Bennion, OSC extension poultry specialist, is still in production. Late molters usually go out of lay and drop feathers during September or October. (neg. 2271)

3755-3759 4-H - Publicity; photos by R.G. Fowler Jr., May 1949.

3755 Participants in the 1949 Benton County Style Revue. (neg. 2274)

3756 neg. 2275

3757 neg. 2276

3758 neg. 2277

3759 neg. 2278

3760-3762 Conservation - Irrigation; photos by J.W. Scheel, May 1949.

3760 General view of the Linn county irrigation field day on the Hubert Willoughby farm near Harrisburg in Linn county. Water is being pumped from the ditch of the Muddy Creek irrigation project for use in the demonstration. The Willoughby farm normally is irrigated by flooding with water from this project. (neg. 2279)

3761 neg. 2280

3762 A perforated pipe sprinkler irrigation system in operation during the Linn county irrigation field day May 18 on the Hubert Willoughby farm. (neg. 2281)

3763-3807 4x5 negatives

3763-3764 Forestry - General; photos by J.W. Scheel, May 1949.

3763 Two officials of the Crown-Zellerbach corporation look over a good stand of second growth timber on an area logged by this company some 20 years ago. At the left is Bert Ross, who was in charge of the felling crew when the virgin timber was cut from the area in the background in 1928. With him is Ed Stamm, logging manager for the Columbia River district of Crown-Zellerbach. This fine stand of second growth timber is on one of the Crown-Zellerbach tree farms. It was pointed out to the Clatsop county land use committee during a tour on May 15 as a good example of forest

management. Hand planting of trees was used in those sections of this logged area which did not reseed naturally. The mountain dimly visible in the background is Saddle Mount. (neg. 2286)

3764 View of a recently logged area in Clatsop county showing the fire hazard created by leaving an excessive amount of trash and worthless timber on the ground. This particular area was logged by the Longview Fiber Company which is one of the large private land owners in Clatsop county. If fire does not occur, this area probably will reseed naturally to timber in the opinion of foresters who viewed it during the Clatsop county forest tour on May 15. (neg. 2287)

3765 Equipment - General; photo by R.G. Fowler, Jr., April 1949.

Used for the first time in the Columbia Basin country is a rotary stubble cutter which is pictured on the Roy Hobby ranch, South Reservation in Umatilla county. This equipment is powered by a power take-off from the tractor and through a system of V belts operates five whirling blades beneath the implement table at a speed of 1400 r.p.m. This piece of equipment is 12 feet wide and will travel at 5 to 6 miles per hour through stubble. By adjustment, stubble may be cut at a height 5 to 15 inches above ground. (neg. 2293)

3766-3767 Poultry - Housing; photos by R.G. Fowler Jr., May 1949.

3766 Dr. Jess Parker shown in front of the experimental outdoor poultry house at the poultry building on the OSC campus. (neg. 2294)

3767 Shown examining the outdoor experimental poultry house on the OSC campus during the Farm Press and Radio Field Day, May 20, 1949, are left, Rodney Johnson, Forest Grove, news editor of the Forest Grove News Times; and Sam Bailey, OSC experiment station editor. (neg. 2295)

3768 Turkeys - Management; photo by R.G. Fowler Jr., May 1949.

One of the Gath Brothers is shown examining sod on his alta fescue turkey range near Turner, Oregon. (neg. 2296)

3769 Turkeys - Equipment; photo by R.G. Fowler Jr., May 1949.

One of the Gath Brothers, Turner, Oregon, is shown lifting the lid on a portable range feed storage shelter on their farm near Turner. By storing feed on the range, it makes possible clean feed daily with one weekly trip into the field by truck. (neg. 2297)

3770 Publicity - General; photo by R.G. Fowler Jr., May 1949.

One of the Gath Brothers, Turner, Oregon, is shown examining the automatic heat equipment for their radiant heated turkey brooder house. More than two miles of copper tubing is buried in the floor. (neg. 2299)

3771 Turkey - Housing; photo by R.G. Fowler Jr., May 1949.

This type permanent roosting shelter has been constructed on the Gath Brothers turkey farm near Turner, Oregon. Each of the doors opens onto an individual

pasture thus making pasture rotations possible. Birds are locked in at night to prevent theft or disturbance by dogs and other predators. (neg. 2302)

3772 Turkeys- Management; photo by R.G. Fowler Jr., May 1949.

Interior view of community type nest used by Gath Brothers, Turner, Oregon. The birds lay on rice hulls thrown on the alta fesque pasture. This type laying house is skid mounted and movable to clean ground as sod is worn out. (neg. 2303)

3773-3781 4-H - Publicity; photos by R.G. Fowler Jr., June 1949.

3773 City of Portland presidents of living organizations at the 34th annual 4-H club summer school held on the Oregon State College campus are shown with E.L. Shannon, City of Portland club leader. Left to right are: Rosemary Dell, 16; Cecelia Archibald, 16; Genevieve Nelson, 17; Shannon; LaVonne Sack, 16; and Shirley Smiley, 13. (neg. 2304)

3774 One Yamhill County 4-H Club member was president of a living organization during the 34th annual 4-H summer school at Oregon State College. He is, right, Dwight Cooper, 16, Carlton. He is pictured on the M.U. front steps with Bill Perry, Yamhill County 4-H Club Agent. (neg. 2305)

3775 4-H Club members from Umatilla County who were elected to offices during the 34th annual 4-H Club summer school were, left to right: Barbara Larson, 15, Hermiston, living group song leader; Claudette Sherlock, 13, Freewater, president; and, extreme right, Ruth Ascherl, 13, Hermiston, dormitory floor president. They are shown with Jim Bishop, Umatilla County 4-H Club agent. (neg. 2306)

3776 4-H Club members from Umatilla County who were elected to offices during the 34th annual 4-H Club summer school were, left to right: Claudette Sherlock, 13, Freewater, president; Barbara Larson, 15, Hermiston, living group song leader; and Ruth Ascherl, 13, Hermiston, dormitory floor president. They are shown with Jim Bishop, Umatilla County 4-H Club agent. (neg. 2307)

3777 4-H Club members from Linn County who were elected living group presidents during the 34th annual 4-H Club summer school are shown with with Joe Myers, Linn County Extension Agent, second from left. Organization presidents were David Shelby, 13, Albany; Myers; Diane Jones, 13, Albany; Jeanne McKinley, 15, Shedd; and Wayne Norman, 14, Crabtree. (neg. 2308)

3778 One Jackson County 4-H Club member was elected president of her living group during the 34th annual 4-H Club summer school at Oregon State College. She is Marilyn Bohnert, 15, Central Point. She is shown with her 4-H Club leader, Rufus Cate. (neg. 2309)

3779 Deschutes County living group officers at the 34th annual 4-H Club summer school on the Oregon State College campus are shown with county club agent Don Benscoter. Left to right are: John Kiesow, 17,

Bend, living group vice-president; Marvin Smith, 15, Bend, president; and Benscoter. (neg. 2310)
3780 Three Lane County 4-H Club members were elected presidents of their respective living groups during the 34th annual 4-H Club summer school on the Oregon State College campus. They are shown with one of their county 4-H Club agents, Mrs. Melba Heide, third from left. Club member presidents, left to right, are: Joanne Forstrom, 14, Eugene; Gretchen Eisenhardt, 13, Eugene; Mrs. Heide; and Joe Ellingson, 16, Mapleton. (neg. 2311)

3781 Two club members from Marion County were elected presidents of their respective living organizations during the 34th annual 4-H Club summer school held at Oregon State College. They are shown with Anthol Riney, county 4-H Club agent. Presidents are: Karleen Drager, 16, Turner, and Frances Fox, 12, Silverton. (neg. 2312)

3782 Campus Maintenance; ???

Shots of physical plant inspector checking the heating tunnel. Four negatives. (neg. 2312)

3783-3794 4-H - Publicity; photos by R.G. Fowler Jr., June 1949.

3783 Two club members from Marion County were elected presidents of their respective living organizations during the 34th annual 4-H Club summer school held at Oregon State College. They are shown with Anthol Riney, county 4-H Club agent. Presidents are: Frances Fox, 12, Silverton, and Karleen Drager, 16, Turner. (neg. 2313)

3784 Two club members from Marion County were elected presidents of their respective living organizations during the 34th annual 4-H Club summer school held at Oregon State College. They are shown with Anthol Riney, county 4-H Club agent. Presidents are: Frances Fox, 12, Silverton, and Karleen Drager, 16, Turner. (neg. 2314)

3785 Stayton 4-H Club members are shown with their chaperone and Marion County 4-H Club agents at the 34th annual 4-H Club summer school at Oregon State College. They are, left to right, front row: Anthol Riney, Marion County 4-H Club agent; Bill Weddle, 12, Stayton; Mac Williams, 13, Stayton; Eugene Champ, 12, Stayton; Sandra Davie, 12, Stayton; Shirley Wodtly, 12, Stayton; and Miriam Brown, 12, Stayton. Back row: Miss Anne Bergholz, Marion County 4-H Club agent; Darla Peirce, 13, West Stayton; Barbara McCoy, 12, West Stayton; Lora Lee Brown, 14, West Stayton; Gay Lesley, 13, Stayton; Kathleen Harold, 13, Stayton; and Mrs. Wendel Weddle, Stayton. (neg. 2315)

3786 Three Washington County 4-H club members were elected presidents of their respective living organizations during the 34th annual 4-H Club summer school held at Oregon State College. They are shown with, right, Joe Cox, their County 4-H Club agent. Living group presidents were, left

to right: Homer Zuver, 20, Tualatin; Pat Seidler, 17, West Slope; and Judith Miller, 13, Beaverton. (neg. 2316)

3787 Four Clackamas County 4-H club members were elected presidents of their respective living organizations during the 34th annual 4-H Club summer school held on the Oregon State College campus. They are shown with their county 4-H Club agent, William P. Hinckley, Jr., third from left. Living group presidents were, left to right: Betsy Ogren, 17, Mulino; Bill Headrick, 18, Beaver Creek; Hinckley; Patricia Horning, 18, Stafford; and Margaret Schafer, 16, Milwaukie. (neg. 2317)

3788 Bankers Day at the 34th annual 4-H Club summer school on the Oregon State College campus saw a delegation representing the Oregon Bankers Association appearing on the program. Three of the group are shown with the boy and girl presidents of the summer school. Left to right are: Elwain H. Greenwood, Portland, executive secretary of the Oregon Bankers Association; Bill Monroe, 18, Mulino, boy 4-H summer school president; Kay Johnston, 17, Klamath Falls; Clyde Williamson, Albany; and W.C. Christensen, Hillsboro, president of the Oregon Bankers Association. (neg. 2318)

3789 Bankers Day at the 34th annual 4-H Club summer school on the Oregon State College campus saw a delegation representing the Oregon Bankers Association appearing on the program. Three of the group are shown with the boy and girl presidents of the summer school. Left to right are: Bill Monroe, 18, Mulino, boy 4-H summer school president; W.C. Christensen, Hillsboro, president of the Oregon Bankers Association; Clyde Williamson, Albany; Elwain H. Greenwood, Portland, executive secretary of the Oregon Bankers Association; and Kay Johnston, 17, Klamath Falls. (neg. 2319)

3790 Bill Monroe, 18, Mulino, was elected president of boys attending the 34th annual 4-H Club summer school on the Oregon State College campus. This was his fifth year of attendance at summer school and he has completed nine years of 4-H Club work. The six-foot, 175-pound youngster is the son of Mr. and Mrs. Oliver P. Monroe and he grew up on an 80-acre farm. At the time of his election he was also president of the Clackamas County Emblem Club, with 279 older 4-H Club members. (neg. 2320)

3791 Kay Johnston, 17, Klamath Falls, a veteran of eight years of 4-H Club work as well as four years of attendance at 4-H Club summer school, was elected president of the girls at the 34th annual 4-H Club summer school. The dark-eyed brunette, five feet five inches tall, is the daughter of Mr. and Mrs. K.A. Johnston who operate a 640-acre farm near Klamath Falls. (neg. 2321)

3792 First-timers at 4-H club summer school get a taste of college life in one of the dormitories. On top of the bunk is Jerry McDonald, 12, Eugene. Bottom, left to right, are: Larry Dixon, 12, Monmouth; John Lee, 12, Estacada; and Vernon Babcock, 12, Rickreall. (neg. 2322)

3793 A group of Multnomah County 4-H Club members are shown unloading at the 34th annual 4-H Club summer school on the Oregon State College campus. Bus driver Howard Chalker is pictured removing baggage. (neg. 2323)

3794 Two 4-H Club members attending the 34th annual 4-H Club summer school are shown looking over a paper exhibit in the Forestry Building by, right, Charles Ross, Extension Forestry Specialist. The youngsters are, left to right: Stanley Marugg, 17, Garden Home, and Howard Grabhorn, 15, Beaverton. (neg. 2324)

3795 4-H - Sheep; photo by R.G. Fowler Jr., June 1949.

Veteran Oregon State College Extension livestock specialist Harry Lindgren is shown teaching a class of 4-H Club members during the 34th annual 4-H Club summer school. Club members are, foreground center, Laurel Alexander, 13, Grants Pass, and Norman Lynds, 13, Redmond. The remainder of the class is shown seated in the O.S.C. livestock pavilion. (neg. 2325)

3796-3797 4-H - Home Economics; photo by R.G. Fowler Jr., June 1949.

3796 Two 4-H Club girls attending the 34th annual 4-H Club summer school are shown at work in the Home Economics Building foods laboratory under the watchful eye of their instructor, Mrs. Vivian Freeman, Kerr Glass Company. The club members are pouring syrup into a jar of cherries. Club members are, left: Ruth Barr, 14, Hermiston, and Claudette Sherlock, 13, Freewater. (neg. 2326)

3797 The art of home-made bread baking is not lost since Oregon 4-H Club girls attending the 34th annual 4-H Club summer school had bread baking instruction in their Home Economics classes. Shown in the Home Economics food laboratory are, left to right: Avadna Petersen, 15, Adrian; Lois Hainline, 15, Ontario; and Roberta Harris, 14, Summer Lake. Lois is kneading dough. (neg. 2327)

3798-3800 4-H - Publicity; photos by R.G. Fowler Jr., June 1949.

3798 Boy and girl presidents of the 34th annual 4-H Club summer school are Bill Monroe, 18, Mulino, and Kay Johnson, 17, Klamath Falls. (neg. 2328)

3799 Girl and boy presidents of the 34th annual 4-H Club summer school are Kay Johnson, 17, Klamath Falls, and Bill Monroe, 18, Mulino. (neg. 2329)

3800 Boy and girl presidents of the 34th annual 4-H Club summer school are Bill Monroe, 18, Mulino, and Kay Johnson, 17, Klamath Falls. (neg. 2330)

3801 4-H - Forestry; photo by R.G. Fowler Jr., June 1949.

The Crown Zellerbach paper exhibit at the 34th annual 4-H Club summer school is shown. It was erected in the foyer of the campus Forestry Building. (neg. 2331)

3802-3805 4-H - Publicity; photos by R.G. Fowler Jr., June 1949.

3802 Twelve-year-old Donna Kokkeler, Junction City, and her friend, Loretta Snethen, also 12, from Vaughn are shown enjoying a refreshing ice-cream

cone in front of the campus Dairy Building while attending the 34th annual 4-H Club summer school. (neg. 2332)

3803 Enjoying ice cream and milk shakes during the 34th annual 4-H Club summer school are, left to right: Harold Berger, 12, Orenco; Jay Schurger, 14, Lorane; Donnel Stapleton, 14, Dallas; Wayne Kamp, 13, Tualatin; and James Christianson, 14, Molalla. Standing is Eldon Smith, 14, Vaughn. They are shown in front of the campus Dairy Building. (neg. 2333)

3804 Chow line in one of the dormitories during the 34th annual 4-H Club summer school is shown headed by Duane King, 12, Portland. (neg. 2334)

3805 Left to right, identical twins Carolene and Carole Boucock, 12, from Yoncalla are shown heading a procession out of venerable Waldo Hall during the 34th annual 4-H Club summer school. Third in line is Barbara Raper, 13, Yoncalla, followed by Glaya Stewart, 13, Gladstone. (neg. 2335)

3806-3809 Home Economics - Organizations; photos by John Burtner, June 1949.

3806 During the annual meeting of the Oregon Home Economics Extension Council, June 1949, Mrs. Norman Lunde, Troutdale, chairman of the Azalea House Board, is shown handing a check for 25 thousand dollars to Mr. A.L. Strand, president of Oregon State College. The check is to be held by the Oregon State College foundation until the Council raises the 45 thousand dollars which they have pledged toward the construction of a girls cooperative living house on the Oregon State College campus. (neg. 2336)

3807 The Board of Trustees for the state Home Economics Extension Council Azalea House fund are shown during the annual meeting of that group in June 1949 on the Oregon State College campus. Left to right are: Mrs. Loren Tucker, LaGrande; Mrs. John C. Rawls, Grants Pass; Mrs. Norman Lunde, Troutdale, chairman; Mrs. Stanley Coates, Tillamook, treasurer; and Mrs. Kenneth McCornack, Florence. (neg. 2337)

3808 State officers of the Oregon Home Economics Extension Council are shown pictured during their annual meeting in June 1949 on the Oregon State College campus. Front row, left to right are: Mrs. Elsie Leming, Cornelius, re-elected president; Mrs. Floyd Fox, Silverton, first vice-president; Mrs. Russel Ebbert, Eugene, secretary; Mrs. Guy Shumway, McMinnville, treasurer; and Mrs. Franklin Loenig, North Powder, historian. Back row, left to right are: Mrs. Vesta Smith, Blodgett, director; Mrs. Evi Jakku, Hood River, director; Mrs. Ira Kilpatrick, Klamath Falls, director; and Mrs. Henry Kopacz, Hermiston. Not shown are Mrs. Leslie Kribs, Bend, second vice-president, and Mrs. Robert Thomas, Port Oxford, director. (neg. 2338)

3809 New officers of the state Home Economics Extension Council are shown looking over scrapbooks during their annual June meeting on the Oregon State College campus. Left to right are: Mrs. Russel Ebbert, Eugene, secretary; Mrs. Elsie Leming, Cornelius, re-elected president; Mrs. Floyd

Fox, Silverton, first vice-president; Mrs. Guy Shumway, McMinnville, treasurer; and Mrs. Franklin Loenig, North Powder, historian. (neg. 2339)

3810-3829 4x5 negatives

3810 Buildings - Silos; photo by R.G. Fowler Jr., 1949.

Left, owner Pete Williams, Halsey and right, Bill Griebler, OSC agricultural engineer, are shown examining two 32-year old silos on the Williams ranch. Both silos used almost continuously since their erection in 1917 were found to be in good shape. The silos which hold 30 ton apiece measure 9 x 30. (neg. 2340)

3811 Fertilizer - Applicators; photo by R.G. Fowler Jr., 1949.

On the Glenn Cox ranch near Blodgett nitrogen fertilizer is shown being applied by air. Flagman is seen in foreground. (neg. 2343)

3812 Publicity - General; photo by R.G. Fowler Jr., 1949.

Left, Stonewall Jackson, Benton County Extension Agent, is shown talking with J.P. Adams, Junction City farmer. On his 250-acre farm Adams has a combination truck and beef feeding operation. One-half of his farm is planted to improved pastures and the other half is truck cropped. Soil fertility is maintained through the addition of barnyard manure and droppings on the pastures. At seven-year intervals he expects to alternate his truck and pasture lands. (neg. 2352)

3813-3817 Equipment - Tillage; photos by R.G. Fowler Jr., May 1949.

3813 Tractor driver, Eugene Rothrock, Pendleton is shown raising the rod weeder above the ground surface by means of a hydraulic lift operated from the tractor. Scene was taken during Umatilla County conservation tour which included the Jim Hill Pilot Farm near Pendleton. (neg. 2357)

3814 Shown is detailed view of hydraulic system used to lift rod weeder above the ground surface. Tractor driver, Eugene Rothrock, Pendleton by means of a lever can raise or lower the rod at will because of the hydraulic setup shown. Photo was taken during Umatilla County conservation tour on the Jim Hill Pilot Farm near Pendleton. (neg. 2358)

3815 Shown is a rod weeder with new type v-belt. Drive shown during the Umatilla County conservation tour May 1949. When equipment strikes object in the ground which normally would break conventional chain-driven weeder the v-belt slips and avoids breakage. (neg. 2359)

3816 Shown is rotary hoe being demonstrated to farmers who attended the Umatilla County conservation tour at the Jim Hill Pilot Farm near Pendleton. (neg. 2360)

3817 View of crowd who attended the Umatilla County conservation tour May 1949 witnessing rod weeder demonstration in trashy fallow on the Jim Hill Pilot Farm near Pendleton. (neg. 2361)

3818-3819 Equipment - Spray; photos by R.G. Fowler Jr., 1949.

3818 Shown is front view of power driven buck rake built by Charles Duby, Keating on which has been mounted an interchangeable weed spray outfit. Tank holds 100 gallons and the sprayer has a 20-foot boom. Through this type of equipment Duby secures dual usage from a piece of ranch equipment normally having only one use. Total outlay for the spray outfit was \$350. (neg. 2362)

3819 Keating ranch owner Charles Duby is shown at the controls of his power-driver buck rake which has been made to be interchanged with a weed spray outfit. Wrapped around the gas tank at his side is a hose with spray gun which is used for spotting weeds along fence rows etc. which cannot be sprayed with the 20-foot boom. The tank holds 100 gallons of spray and will cover approximately 6 acres at a rate of 13 gallons per acre. Thus Duby performs two operations with a piece of ranch equipment normally used only for haying. (neg. 2363)

3820-3823 Equipment - General; photos by R.G. Fowler Jr., 1949.

3820 A dragline shovel is shown at work on the C. Raymond Johnson ranch near Enterprise. The operator is digging a ditch preparatory to tilling a waterlogged field. (neg. 2364)

3821 Equipment shown is a 20-foot stubble cutter built by Rod Wentworth and Omar Rietmann, both of Ione, and shown on the Nelson Brothers ranch near Lexington. The stubble cutter is equipped with five 39-inch leaf springs which rotate at 1600 rpm beneath the metal table shown. By adjustment the straw may be cut at any height from 4 to 10 inches. The equipment is powered with a car differential attached to the tractor power take-off and travels from 3 to 3 miles per hour. The implement weighs 1500 pounds. (neg. 2365)

3822 Shown is a detailed view of the power arrangement on a stubble cutter built by Rod Wentworth and Omar Rietmann, both of Ione. The differential was salvaged from an old car. The implement is powered by use of a tractor power take-off. (neg. 2366)

3823 Shown are brooms attached to reel ends on a combine to sweep wheat heads back on the draper in order that they will not dribble off and be lost through clearance opening between reel and draper incline. (neg. 2367)

3824 Equipment - Spray; photo by R.G. Fowler Jr., 1949.

Rancher Harry Whitten, Dufur, is shown at the controls of his weed spray outfit which has been built on his tractor power lift equipment. The boom is 15 feet in length and has nozzles every 15 inches. Two 55-gallon barrels are mounted behind the operator and spray material is pumped by a small pump attached to the tractor power take-off. Whitten says the power lift feeder enables him to spray any height vegetation and he is also able to lift the boom high enough as shown to go over a gate. (neg. 2368)

3825-3826 Equipment - General; photos by R.G. Fowler Jr., 1949.

3825 Farm Crops Specialist E.R. Jackman is shown securing a gate on the Union Branch Experiment Station with a novel top-of-the-gate closing device. The side gate, double-hung, can be opened easily from either afoot or horseback. (neg. 2369)

3826 For ease in tightening the nuts to secure his pickup horse racks, rancher R.W. Dickenson, Baker, welded a metal wing on the nut. The top two bars directly adjoining the pickup cab are bolted rather than welded in order that they may be removed when hauling a smaller animal. (neg. 2370)

3827-3828 Equipment - Tillage; photos by R.G. Fowler Jr., May 1949.

3827 On the Harry Whitten ranch near Dufur a Noble blade was demonstrated during a conservation tour held in May 1949. The blade is shown in the above-ground position. It is raised or lowered by hydraulic lift directly behind tractor seat. (neg. 2371)

3828 During a Wasco County conservation tour in May 1949 a Noble blade was demonstrated on the Harry Whitten ranch, Dufur, as a means of removing sagebrush. The blade which is beneath the surface of the ground is shown cutting the sage plants. (neg. 2372)

3829 Beef - Equipment; photo by R.G. Fowler Jr., June 1949.

Rancher J.R. Wood, Fossil, builds his range salt boxes from old, discarded hot water tanks.

Previously, porcupines destroyed salt impregnated wooden boxes almost as fast as he put them out. (neg. 2374)

3830 Equipment - General; photo by R.G. Fowler Jr., June 1949.

A familiar sight in Oregon's three northeasternmost counties--Baker, Union and Walla, is dragline shovel being used to reclaim land waterlogged by excessive irrigation. Shovel seen is at work on the C. Raymond Johnson ranch near Enterprise. A drain tile will be laid when ditch is completed. (neg. 2375)

3831-3833 Crops - Grass; photos by R.G. Fowler Jr., June 1949.

3831 On the OSC Experiment Station farmers who attended a soil conservation field day in June 1949 are shown examining root penetration of an old seeding of alta fescue which was planted October 1, 1918. The trench six feet in depth had been penetrated its full depth by the alta fescue root. (neg. 2376)

3832 Shown is a trench dug in the oldest seeding of alta fescue grass in the United States. It was dug as a feature of a field day held on the OSC Experiment Station in June 1949 for the purpose of viewing root penetration. The roots had gone below the six-foot depth. (neg. 2377)

3833 On the Robin Woodroof ranch, Athena, contour strips of intermediate wheatgrass are shown. The eight rows with 30-inch spacing make up a contour strip 20-feet wide. Similar strips through the field are entered for certification and will be harvested for seed. (neg. 2378)

3834 Forestry - General; photo by R.G. Fowler Jr., 1949.

On the John Hix ranch, Kingsley, posts are shown being treated with pentachlorophenol. The steel drum has been sunk in the ground to avoid lifting the poles as well as to steady the barrel. (neg. 2379)

3835 Publicity - General; photo by R.G. Fowler Jr., June 1949.

At microphone County Extension Agent Andrew S. Landforce, Wallowa County, is shown talking to a portion of the crowd who attended the Wallowa County conservation tour, June 1949. (neg. 2381)

3836 Conservation - General; photo by R.G. Fowler Jr., 1949.

During a conservation field day in Wasco County, County Extension Agent E.M. Nelson, in cooperation with local Soil Conservation Service personnel, sets up a exhibit of dryland grasses as seen. Mt. Hood is in right rear background. (neg. 2384)

3837-3838 Conservation - Drainage; photos by R.G. Fowler Jr., 1949.

3837 Familiar sight in northeastern Oregon is drainage ditches being dug to intercept excess irrigation water. On the Louis Audet ranch near Enterprise is shown a portion of a 2400-foot drainage system which was dug to intercept water coming from higher land. Ditch was dug at a cost of 29 a foot. (neg. 2386)

3838 Shown is view of channel straightening and dyke constructed on Katherine Creek in Union County. Work was done to expedite water run-off and prevent overflow. (neg. 2387)

3839-3841 Publicity - General; photos by R.G. Fowler Jr., June 1949

3839 Visiting dignitaries during the conservation field day held on the OSC Experiment Station June 1949 are left to right: W.J. Enschede, Hillsboro, member of the State PMA Committee; Lloyd McKillip, Cloverdale, Director Oregon Association of Soil Conservation Districts; Dean Wm. A. Schoenfeld, Oregon State College; Lloyd Gift, Bonanza, President Oregon State Association of Soil Conservation Districts; Kent Leavitt, Millbrook, New York, President National Association of Soil Conservation Districts; Omar Spencer, Sauvie Island, President Oregon Reclamation Congress. (neg. 2389)

3840 Visitors who attended the soil conservation field day on the Oregon State College Experiment Station June 1949 include left to right: Lee Wooden, Jewell, Chairman Clatsop County ACA Committee; Joe Harland, Rickreall; Dean Wm. A. Schoenfeld, Oregon State College; Kent Leavitt, Millbrook, New York, President National Association of Soil Conservation Districts. (neg. 2390)

3841 W.S. Averill, Multnomah County Extension Agent, left kneeling, is shown with his Sauvie Island Soil Conservation District Board of Directors during the soil conservation field day on the OSC Experiment Station June 1949. Left rear is Kent Leavitt, Millbrook, New York, President National Association of Soil Conservation Districts. (neg. 2391)

3842-3857 4-H - Publicity; photos by R.G. Fowler Jr., 4-H Club Summer School 1949.

3842 Genevieve Nelson, 17, Portland. (neg. 2392)

3843 Patricia Horning, 18, Stafford. (neg. 2393)

3844 Marilyn Bohnert, 15, Central Point. (neg. 2394)

3845 Betsy Ogren, 17, Mulino. (neg. 2395)

3846 Jeanne McKinley, 15, Shedd. (neg. 2396)

3847 David Shelby, 13, Albany. (neg. 2397)

3848 Joe Ellingson, 16, Mapleton. (neg. 2398)

3849 Margaret Schafer, 16, Milwaukie. (neg. 2399)

3850 Frances Fox, 12, Silverton. (neg. 2400)

3851 Bill Headrick, 18, Beavercreek. (neg. 2401)

3852 Patricia Seidler, 17, Beaverton. (neg. 2402)

3853 Speed Anderson, 14, Langlois. (neg. 2403)

3854 Cecelia Archibald, 16, Portland. (neg. 2404)

3855 Joanne Forstrom, 14, Eugene. (neg. 2405)

3856 Marvin Smith, 15, Bend. (neg. 2406)

3857 Alice Ward, 15, Days Creek. (neg. 2407)

3858 Equipment - Spray; photo by R.G. Fowler Jr., July 1949.

This air blast sprayer was built by R.W. Root, Medford, Oregon. It is powered with a Dodge truck engine which operates the rear fan at 2450 rpms. Spray pressures 50 to 800 pounds per square inch are provided by the Hardy high-pressure pump. Including labor the sprayer costs \$2200. In use one man drives the tractor, a second man services the spray rig with a water truck. The outfit as shown averages more than 4 acres per hour. (neg. 2408)

3859-3860 4-H - Publicity; photos by R.G. Fowler Jr., 4-H Club Summer School 1949.

3859 Left, Walter Holt, Portland, manager of the Pacific Livestock Exhibition, is shown with a 1949 O.M. Plummer \$100 college scholarship winner. The youngster is Charles D. Colegrove, 17, Milwaukie. The girl scholarship winner who is not present was Helen Wrolstad, 17, Hubbard. (neg. 2417)

3860 Right, Walter Holt, Portland, manager of the Pacific Livestock Exhibition, is shown with a 1949 O.M. Plummer \$100 college scholarship winner. The youngster is Charles D. Colegrove, 17, Milwaukie. The girl scholarship winner, who is not present, was Helen Wrolstad, 17, Hubbard. (neg. 2418)

3861-3862 Home Economics - Publicity; photos by R.G. Fowler Jr., 1949

3861 Miss Lee Stringfellow, in charge of womens programs for KOAC, is shown conferring with Dr. Ava B. Milam, Dean of Oregon State College Home Economics. (neg. 2419)

3862 Home Economics Extension Staff shown left to right are: Miss Agnes Kolshorn, Nutrition Specialist; Miss Mary Beth Minden, Home Management Specialist; Mrs. Margaret H. Tuller and John C. Campbell,

Rural Housing Specialists; Miss Frances Clinton, State Extension Agent; Mrs. Azalea Sager, State Home Demonstration Leader; Miss Lucy Lane, Clothing & Textiles Specialist; Miss Jessalee Mallalieu, Recreation Specialist; and Mrs. Myrtle Carter, Clothing and Home Furnishing Specialist. (neg. 2420)

3863-3864 Poultry - Equipment; photos by R.G. Fowler Jr., July 1949.

3863 Ed Stark, Salem, is shown gathering eggs in community-type nest in the round laying house owned by Lloyd A. Lee, Salem. Nests are serviced via center door located at the narrow end of the pen in rear. Nests measure 2 by 8 feet. They are filled with wood shavings. Birds are New Hampshires. (neg. 2421)

3864 Shown is the door opening device on the front end of the feed carrier in the round poultry house owned by Lloyd A. Lee, Salem. The carrier track is circular and a feeder merely pushes the carrier ahead of him as he distributes feed. The door opener, shown, opens double-wing swinging doors which separate each pen. (neg. 2422)

3865 Poultry - Management; photo by R.G. Fowler Jr., July 1949.

Owner Lloyd A. Lee, Salem, is shown looking on as feeder Ed Stark, Salem, distributes feed in hoppers in Lees circular laying house. Lee has his right hand on trolley-type feed carrier which can be moved through all pens on a circular route. (neg. 2423)

3866 Poultry - Equipment; photo by R.G. Fowler Jr., July 1949.

Shown is 10 foot automatic watering trough used in the circular laying house owned by Lloyd A. Lee, Salem. Note dry litter beneath trough. The device is constructed with an inch-wide water trough behind a 3 foot ship metal lip. The lip and back wall prevents a bird from dipping more than its beak in the water. Trough is ample for the birds to splash or drip water from comb or wattles. (neg. 2424)

3867-3868 Poultry - Management; photos by R.G. Fowler Jr., July 1949.

3867 In the circular laying house owned by Lloyd A. Lee, Salem, roosts are located against the curved outer wall over wire enclosed dropping pits. Notice arrangement of feed hoppers. Litter is wood shavings. (neg. 2425)

3868 From the octagonal control room in the center of Lloyd A. Lees Salem circular poultry house, left, Noel Bennion, Oregon State College Extension Poultryman and, right, owner Lee inspect some of the houses labor-saving features. (neg. 2426)

3869 Poultry - Housing; photo by R.G. Fowler Jr., July 1949.

Outside view of the Lloyd A. Lee, Salem, circular poultry house is shown. The house is 150 feet in diameter and 471 feet in circumference. It is built to hold 5,000 laying birds. The house contains eight pens and additional space for egg

and feed storage. The house was constructed by Lee at a cost of less than \$3 per bird figuring on the basis of 3 square feet per each bird. (neg. 2427)

3870 4-H - Publicity; photo by R.G. Fowler Jr., July 1949.

Miss Glenna Tilgner, 4-H Club Agent in Portland. (neg. 2428)

3871 Poultry - Housing; photo by R.G. Fowler Jr., July 1949.

View of broiler production house on the Menefee ranch near Carlton. With this type house droppings fall into the pit beneath a screen. To assist in cleaning, the house was built purposely high in order that a truck be backed into the dropping pits. (neg. 2429)

3872 Poultry - Equipment; photo by R.G. Fowler Jr., July 1949.

At the Menefee ranch near Carlton a woman is shown feeding young broilers in batteries. Note easily movable feed cart in foreground. (neg. 2430)

3873 Poultry - Housing; photo by R.G. Fowler Jr., July 1949.

Shown is end view of the Menefee broiler production house located near Carlton. Notice fan in gable of roof to assist in air circulation. Perches are located on either side of the house above dropping pits which were placed purposely high in order that truck cleaning equipment can be backed into them. (neg. 2431)

3874 Poultry - Equipment; photo by R.G. Fowler Jr., July 1949.

At the Menefee ranch near Carlton a workman is viewed steam cleaning battery equipment with a portable steam jenny. (neg. 2432)

3875-3876 Poultry - Management; photos by R.G. Fowler Jr., July 1949.

3875 Shown is view of young New Hampshire broilers being raised on wire on the Menefee ranch near Carlton. (neg. 2433)

3876 Shown is view of center service-way in the Menefee broiler production house located near Carlton. A feed cart is pushed down the center aisle and the feeder distributes feed in the troughs shown. (neg. 2434)

3877-3878 Fertilizer - Applicator; photos by R.G. Fowler Jr., July 1949.

3877 Scoop-lift truck is shown loading a lime truck at the Burlingham-Meeker Plant at Amity. (neg. 2435)

3878 Shown is truck spreading lime on a field near Sheridan. (neg. 2436)

3879-3884 Conservation - Tiling; photos by R.G. Fowler Jr., July 1949.

3879 Shown is tiling machine and crew at work near Albany in Linn County. Machine operator is sighting on sticks placed ahead on the machine in order to regulate depth on the ditch. Man in foreground is laying tile. (neg. 2442)

3880 Workman is shown spudding in new-laid tile in field in Linn County. (neg. 2443)

3881 Workman is shown laying tile behind ditching machine. He places the tile in the bottom of the trench with the aid of a long stick. (neg. 2444)

3882 General view of a tiling machine and crew at work on a farm in Linn County. Man in foreground is laying tile into the ditch. Machine operator has stakes placed in his line of travel in order to site on them to regulate depth of ditch. (neg. 2445)

3883 Tile machine operator is shown siting at grade stakes which may be dimly seen in background. The operators finger is crooked over the siting bar. With the assistance of the siting arrangement he is able to regulate depth of drainage. (neg. 2446)

3884 With the aid of a level two members of a tiling crew in Linn County, Oregon, are shown placing the ditch grade stakes. (neg. 2447)

3885-3887 Dairy - Pastures; photos by R.G. Fowler Jr., May 1949.

3885 Scene of improved pasture on the George Gentemann place on the outskirts of Independence, Oregon. His daughter, Judy is shown in the center. Eight-outlet portable irrigation system operating in adjoining pasture in background. (neg. 2450)

3886 Sprinkler irrigation system is shown working in a 2 acre pasture located on the George Gentemann place on the outskirts of Independence, Oregon. (neg. 2451)

3887 Pasture scene on the George Gentemann place near the outskirts of Independence, Oregon. Some of his registered Jerseys with heifers in the immediate foreground are shown. Note lush pasture in left foreground. (neg. 2455)

3888 Fertilizer - Applicators; photo by R.G. Fowler Jr., July 1949.

Richard Polehn, left, Route 2, Oregon City, is shown with Clive Cook, right, Clackamas County Extension Agent with the fertilizer spreader made in Polehns farm shop. (neg. 2459)

3889 Equipment - General; photo by R.G. Fowler Jr., July 1949.

Seen is the farm seed cleaning plant owned by Richard Polehn, Route 2, Oregon City. Shown examining seed are left to right, E.E. Aycock, Estacada, Oregon, Polehn, and T.E. Fournier, Estacada. Alta fescue grass is being run. (neg. 2460)

3890 Dairy - Pastures; photo by R.G. Fowler Jr., August 1949.

Ralph E. Cope II, 23 years old Langlois, Oregon, dairyman is shown left examining the pasture on their 120 acre farm with center R.M. Knox, Curry County Extension Agent, and cow is Lilac Lad Juliet, three years old purebred Jersey which has given 628 pounds of butter fat in a 305 day lactation. The pasture is a mixture of perennial ryegrass and ladino clover. (neg. 2468)

3891 Dairy - Animals; photo by R.G. Fowler Jr., August 1949.

Shown is the purebred Jersey cow, Eagle Boy Myrtle of I.N. owned by Ralph E. Cope II, Langlois, Oregon. Cows record is 956 pounds of butter fat in one year. It has also produced 3,352 pounds of butter fat in a four-year period. (neg. 2470)

3892-3893 Dairy - Pastures; photos by R.G. Fowler Jr., August 1949.

3892 A view of improved ladino and perennial ryegrass pasture on the R.E. Cope farm near Langlois, Oregon. (neg. 2471)

3893 neg. 2472

3894 Conservation - Irrigation; ???

Twenty ten gallon a minute sprinklers are shown operating in one of the improved pastures owned by Ralph E. Cope II, Langlois, Oregon, dairyman. The pasture mix is six pounds ladino clover and six pounds of perennial ryegrass. (neg. 2473)

3895 Publicity - General; photo by R.G. Fowler Jr., August 1949.

Shown is C.L. Robinson, Tillamook, Oregon dairy farmer, who has done an excellent job of pasture improvement on his 49 acre farm. (neg. 2475)

3896-3898 Dairy - Pastures; photos by R.G. Fowler Jr., August 1949.

3896 Left to right, Howard Smith, Tillamook County Extension Agent is shown examining pasture owned by C.L. Robinson, Tillamook. Smith is holding some lotus plants. Pasture contains subterranean clover. (neg. 2476)

3897 Pasture scene on the C.L. Robinson farm near Tillamook. Robinson has planted lotus and subterranean clover, as well as alta fescue and orchardgrass. Shown left to right are Clarence Jr., 19, June, 8, and C.L. Robinson, Sr. (neg. 2479)

3898 neg. 2480

3899 Horticulture - Tree Fruits; photo by R.G. Fowler Jr., August 1949.

Shown examining Bartlett pears in a Hood River orchard are left to right, County Extension Agent, A.L. Marble and owner-orchardist, Robert Nunamaker, Hood River, Oregon. (neg. 2484)

3900 Equipment - Irrigation; photo by R.G. Fowler Jr., August 1949.

Type of revolving sprinklers used on the Robert Nunamaker orchard, Hood River, Oregon. (neg. 2485)

3901 Conservation - Irrigation; photo by R.G. Fowler Jr., August 1949.

Robert Nunamaker, Hood River orchardist is shown turning on the portable sprinklers irrigation system in his orchard. Also this is seeded to a permanent cover crop. (neg. 2486)

3902 Equipment - Irrigation; photo by R.G. Fowler Jr., August 1949.

Robert Nunamaker, Hood River orchardist is shown making gate adjustments on the settling box located on his orchard. Concrete box at left holds a screen to

filter out foreign material in the water which would clog the sprinklers. (neg. 2487)

3903 Conservation - Irrigation; photo by R.G. Fowler Jr., August 1949.

Low angle sprinklers are shown at work in the Hood River orchard owned by Robert Nunamaker. Orchard is also seeded to a permanent cover crop. Nunamaker has found that the permanent cover crop has helped prevent erosion. (neg. 2488)

3904 4-H - Dairy; photo by R.G. Fowler Jr., August 1949.

Alfred Zwald, prominent Tillamook Jersey dairyman, is shown holding a cow which Joe Cox Washington County Extension Agent is describing for the benefit of the Northwest Coast counties 4-H Club tour, August 1949. (neg. 2491)

3905 4-H - Tour; photo by R.G. Fowler Jr., August 1949.

Scene shows Northwest Coast counties 1949 Summer tour visiting the Alfred Zwald Jersey farm near Tillamook. Zwald is exhibiting his purebred Jersey cows. (neg. 2492)

3906 4-H - Dairy; photo by R.G. Fowler Jr., August 1949.

A portion of the 4-H Club members who participated in the Northwest Coast counties tour during the summer of 1949 are shown judging a class of Jersey cows on the A. Zwald farm near Tillamook. (neg. 2493)

3907 Sheep - Management; photo by R.G. Fowler Jr., September 1948.

Robert W. Every, O.S.C. Extension Service Specialist is shown conducting a sheep tick spraying demonstration on a south Benton County farm. Notice holding pen arrangement used to confine sheep before they are driven into spraying pen. Every recommends that sheep be loosely confined for spraying in order that they can be moved around to facilitate complete wetting. (neg. 2496)

3908-3910 Poultry - Housing; photos by R.G. Fowler Jr., July 1949.

3908 Left to right, Al Vanderschuere and poultry farm operator Frank Erickson are shown in one of the pens of Ericksons new two-story laying house. Notice automatic watering device to right front. The community type nests are filled with rice hulls. Birds are White Leghorn Pullets. (neg. 2498)

3909 Shown is the new two-story 28x130' laying house located on the Frank Erickson farm near Hillsboro. The house is subdivided into eight 28x30' pens. Notice trolley litter carriers which run full length of the house. (neg. 2499)

3910 Shown is the combination broiler and brooder house located on the Frank Ericksons poultry house near Hillsboro, Oregon. The house measures 36x200', and is constructed of concrete blocks with aluminum roof. The cost is approximately \$9,500. It is arranged with 15 pens measuring 16x25" located on the sides of a center serviceway. The houses capacity is 6,000 pens. (neg. 2500)

3911 Poultry - Management; photo by R.G. Fowler Jr., July 1949.

For ease in cleaning or feeding, Frank Erickson, Hillsboro, shown, has equipped his combination broiler-brooder with a center trolley and carrier which runs full length of the house. A workman standing inside one of the pens merely leans out and scoops feed with a bucket. (neg. 2501)

3912 Poultry - Equipment; photo by R.G. Fowler Jr., July 1949.

A boat trailer is used by Frank Erickson, Hillsboro, Oregon, poultryman, to make portable a high pressure pump which assists in cleaning the poultry house. Ericksons partner Al Vanderschuere is shown with the pump nozzle. The pump provides a water pressure of 250 lbs. per square inch which is used to remove manure and other foreign material. (neg. 2502)

3913 Poultry - Management; photo by R.G. Fowler Jr., July 1949.

Frank Erickson, Hillsboro, Oregon poultryman is shown in his new combination broiler-brooder house which is equipped with Butane gas brooders. Brooding during the cold weather cuts the fuel costs on the average of 1 to 1 per bird. Later during milder weather fuel costs run as low as per bird. Temperature regulation is accomplished by raising the hoer two or three inches per week with the pulley system shown. (neg. 2503)

3914 Poultry - Housing; photo by R.G. Fowler Jr., July 1949.

This is the type of range shelter used by Frank Erickson on his 26 acre Hillsboro, Oregon, poultry farm. The house measures 6x12', and is roofed with aluminum; beneath roof house is enclosed in order that chickens will not walk in the droppings. The building is also skid mounted in order that it may be moved to cleaner ground from time to time. Erickson has 14 acres in range which he has divided into two seven acre plots. He uses them on alternate years. (neg. 2504)

3915 Poultry - Management; photo by R.G. Fowler Jr., July 1949.

Type of portable range shelter used on the Frank Erickson farm near Hillsboro. Erickson has 14 acres of range divided into two 7 acre plots. He uses them alternately. The range viewed is planted to red clover. The 7 acre plots being rested is planted to grain. (neg. 2505)

3916-3917 Equipment - General; photos by R.G. Fowler Jr., June 1949.

3916 J.B. Lorence, Monmouth, built the windrowing machine shown in his own farm shop. It is powered with a Army surplus ambulance engine and the cab and seat assembled came from the same source. Cutting at the rate of 6 acres per hour and taking a 12 foot swath. The machine was designed scientifically for cutting such hard-to-handle crops as hairy vetch and Australian winter field peas. Without counting labor the machine cost Lorence approximately \$2500. (neg. 2506)

3917 This is a pick-up attachment for the windrowing machine built by J.B. Lorence, Monmouth, seed grower. The reel is a pea reel. The drapers

measuring 42 inches in width rotate toward the center opening, thus as the crop is cut it falls back on the drapers and is windrowed through the center opening. (neg. 2507)

3918-3919 Swine - Animals; photos by R.G. Fowler Jr., July 1949.

3918 Hugh Severin, Prospect, is shown with Jock a 350 pound Minnesota no.1 boar. The animal was photographed when one week less than 12 months of age. This bacon-type breed was developed by crossing the Danish Landrace on the English Tamworth. (neg. 2508)

3919 Shown are Minnesota no.1 hogs owned by Hugh Severin, Prospect. This new bacon-type breed was developed for its fast-gaining characteristics. Market hogs make 180 pounds at five months of age. They were developed by crossing the Danish Landrace on the English Tamworth. They are light brown in color. (neg. 2509)

3920-3927 Equipment - General; photos by R.G. Fowler Jr., July 1949.

3920 On the C.C. Hoover and Sons ranch, Medford, Oregon, the buck-loader is equipped with two-inch steel pipe teeth as shown. The points were made by cutting and notching the pipe ends then welding them. Smoothing the points was accomplished with a grinder. Time lost formerly in replacing wooden teeth has not been eliminated. Added strength is provided by half-inch steel reinforcing on the pipe bottoms. (neg. 2511)

3921 Shown is the tractor buck-loader used by C.C. Hoover and Sons, Medford, Oregon, to load tractor grain wagons. (neg. 2513)

3922 Claude Hoover, Medford, Oregon, is shown using a portable bench grinder made by attaching the grinder to a shaft handle. (neg. 2514)

3923 Shown is the twenty ton trailer built by C.C. Hoover, Medford, Oregon, for a cost of \$700. The trailer is mounted on eight airplane wheels which have been found to work exceptionally well in soft ground. The bed is counter balanced so the weight of one man will tip it as shown. Thus it makes its own loading ramp. As equipment is moved onto the trailer bed it over balances the ramp and causes it to fall back into traveling position. Rocking device is located at the trailer bed front. (neg. 2515)

3924 Shown is the home-made heavy-duty tractor and equipment trailer made by C.C. Hoover and Sons, Medford, Oregon. The trailer is mounted on eight airplane tires. (neg. 2516)

3925 Shown is the strawberry runner cutter made by A.S. Howe, Silverton, Oregon grower. The device is made to tow behind a slow-moving tractor in a strawberry field. Whips move counterclockwise at the rate of 40 rpms. They pull strawberry runners out into the row at right angles to the direction the machine is traveling. Following knives made by notching plow colters cut the runners thus conserving moisture and plant vigor which in turn increases the yield. An operator rides the rear platform and can raise and lower the machine and steer the rear wheels. (neg. 2520)

3926 neg. 2521

3927 A.S. Howe, Silverton, Oregon strawberry grower is shown at the controls of his strawberry runner cutter behind a tractor driven by Don Rasmussen, Marion county Extension agent. (neg. 2522)
3928-3929 Equipment - Tillage; photos by R.G. Fowler Jr., July 1949.

3928 A.S. Howe, Silverton strawberry grower is shown at the controls of his home-made tractor. He farms in the steep Silverton hills section of eastern Marion county and never felt quite safe riding a conventional wheel type tractor. Beneath and in front of him are two shovel points which operate on two sides of the strawberry row. Six following spring teeth cultivate the row centers. The tractor engine is a 23 horsepower four cylinder roll connected on it similar to that found on a small combine. Fuel consumption is about one gallon per hour and Howe cultivates about one acre of strawberries per hour. Steering is accomplished by braking with hand controls. (neg. 2523)

3929 neg. 2524

3930 Conservation - General; photo by William L. Teutsch, August 1949.

Luke Reif, Powell Butter farmer is shown in one of his irrigated pastures which will carry one cow per two acres. Before the land was irrigated the grass ratio was one cow per 40 acres. (neg. 2526)

3931-3937 4-H - Clothing; photos by R.G. Fowler Jr., September 1949.

3931 Jo Ann Roberts, 17, Shedd, is shown modeling her wool suit which was judged grand champion entry in the 1949 Style Revue at the Oregon State Fair. She won a trip to the National 4-H Club Congress provided by the Simplicity Pattern Company. Her hat, brown wool sharkskin suit, and other accessories cost \$54. (neg. 2528)

3932 neg. 2529

3933 Blue and red award winners in the informal party dress division of the 1949 Oregon State Fair, 4-H Club, Style Revue are shown. (neg. 2530)

3934 Blue and red award winners in the wool suit class of the 1949 4-H Club Style Revue at Oregon State Fair are shown with Jo Ann Roberts, 17, Shedd, center, who was later named grand champion. (neg. 2531)

3935 Blue and red award winners are shown in the best dress class of the 4-H Club Style Revue held at the 1949 Oregon State Fair. (neg. 2532)

3936 Shown are division winners of the 1949 Oregon State Fair 4-H Club Style Revue. Jo Ann Roberts, 17, Shedd, Style Revue champion is shown center. Others are left to right: Nancy Peterson, 14, Pilot Butte, best dress; Evelyn Kohler, 15, The Dalles, wool dress; Jo Ann Roberts, 17, Shedd, wool suit; Joan Litley, 15, Eugene, cotton dress; Barbara McCune, 18, Lowden, Washington, informal party dress. (neg. 2533)

3937 Red and blue award winners in the Best Dress class of the 4-H club style revue at the 1949 State Fair are pictured. (neg. 2534)

3938-3941 4-H - Publicity; photos by R.G. Fowler Jr., September 1949.

3938 Shown are the boy and girl health champions at 1949 Oregon State Fair. They are, left to right, Barbara Brown, 14, Corvallis, and Harold Brost, 11, Portland. (neg. 2535)

3939 Dual winners of \$100 college scholarships provided by the Oregon Wheat Commission at the cake baking contest at the 1949 state fair, are, left to right: Diane Loennig, 16, Baker and Shirley Page, 14, Salem. Normally, the Wheat Commission gives one first award. However, judges could not pick a winner from the two girls shown. (neg. 2536)

3940 Shirley Page, 14, Salem, co-winner of a \$100 college scholarship provided by the Oregon Wheat Commission for the winner of the annual cake baking contest held at state fair. Other winner in 1949 was Diane Loennig, 16, Baker. (neg. 2537)

3941 Co-winner of a \$100 college scholarship at 1949 state fair is Diane Loennig, 16, Baker. She tied with Shirley Page, 14, Salem, in the Oregon Wheat Commissions annual 4-H club cake baking contest. Each girl will receive a \$100 college scholarship. (neg. 2538)

3942-3947 Forestry - General; photos by R.G. Fowler Jr., August 1949.

3942 The sign post shown is located on the Columbia county timber harvest demonstration site which is part of the Columbia county fairgrounds near St. Helens. Sign was erected in 1949 on the forest demonstration 10 acre plot. (neg. 2539)

3943 Bob Lindsay, Crown-Zellerbach Corporation farm forester, is shown pointing to pulpwood harvested in 1949 from the timber harvest demonstration site located on the Columbia county fairgrounds. Ed Workman, Deer Island, is shown with his arms folded in immediate foreground. (neg. 2540)

3944 Visitors at the Columbia county fair are shown viewing the 20 cords of pulpwood harvested from the timber harvest demonstration 10 acres being used as a forestry management demonstration plot on the Columbia county fairgrounds near St. Helens. At left of sign is Bob Lindsay, Crown-Zellerbach Corporation farm forester. (neg. 2541)

3945 Scene taken on the Columbia county fairgrounds timber harvest demonstration plot near St. Helens. Wood piled in foreground of standing timber was cut for pulpwood and indicates the annual yield in timber which is expected to cut from the second growth fir stand. (neg. 2542)

3946 View taken toward the sky in the Columbia county fairgrounds forestry harvest demonstration site. Shown are results of thinning in the 10 acre stand of second growth fir. (neg. 2543)

3947 Shown is pulpwood taken from Columbia county fairgrounds forestry harvest demonstration site during 1949. (neg. 2544)

3948-3951 Forestry - Management; photos by R.G. Fowler Jr., August 1949.

3948 Bob Lindsay, pointing, is shown in the Columbia county fairgrounds forestry harvest demonstration site near St. Helens. The Crown-

Zellerbach Corporation farm forester is pointing out stand thinning that was accomplished during 1949. (neg. 2545)

3949 Scene taken in the Columbia county fairgrounds forestry harvest demonstration 10 acre plot of second growth fir near St. Helens. Left to right, viewing stand thinning carried out during 1949 is Herb Miller, St. Helens; Ed Workman, Deer Island; and Bob Lindsay, Crown-Zellerbach farm forester. (neg. 2546)

3950 View was taken in the Columbia county fairgrounds timber harvest demonstration site, after stand thinning was completed. (neg. 2547)

3951 View taken in a 10 acre stand of second growth fir located on the Columbia county fairgrounds near St. Helens. Shown are skid roads made when the stand was thinned during 1949. The plot is being used as a forestry harvest demonstration. (neg. 2548)

3952-3955 Forestry - General; photos by R.G. Fowler Jr., July 1949.

3952 Shown is the farm sawmill owned by Joe A. Owens, R.F.D. Dayton. (neg. 2549)

3953 Interior view of the farm sawmill owned by Joe A. Owens, R.F.D. Dayton. (neg 2550)

3954 View of farm sawmill owned by Joe A. Owens, R.F.D. Dayton. (neg. 2551)

3955 Joe A. Owens, Dayton farmer, is shown with bark peeled from poles, which was sold to a nearby tannery. The bark brought \$18 per ton. (neg. 2552)

3956 Publicity - General; photo by R.G. Fowler Jr., December 1949.

This scene was taken during the Conservation Man of the Year presentation during the first annual meeting of the Oregon Wheat Growers League, Heppner, September 3, 1949. County conservation contest winners, left to right, are Union, Ed McCause, North Powder; Morrow, Frank Anderson, Heppner; Jefferson, A.J. Morrow, Madras; Umatilla, H.T. Rea, Milton; Wasco, Bob DePriest, Dufur; and Sherman, W.E. Bruckert, Klondike. Standing left is Joe Belanger, Milton chairman of the 1949 selection committee. Standing right with trophy is Paulen Kaseberg, Wasco, 1949 Oregon Wheat Growers League president. The conservation man of the year, Virgil Larson, 37, Mikkalo, was not present. Also not pictured is Clifford Kuhn, Enterprise, the Wallowa representative. (neg. 2557)

3957 Dairy - Animals; photo by R.G. Fowler Jr., October 1949.

Shown are the three triplet Guernsey heifers owned by the Astoria branch, Oregon State College experiment station in their 1949 Pacific International exhibit stall. (neg. 2558)

3958 4-H - Poultry; photo by R.G. Fowler Jr., September 1949.

Martha Harper, 17, is shown with her white Leghorn cockerel which was presented to her by a prominent Corvallis breeder, J.A. Hanson. Martha had the best pen of white Leghorn pullets at the state fair in 1948. (neg. 2560)

3959 4-H - Swine; photo by R.G. Fowler Jr., 1949.

Three members of the Middlegrove Progressive 4-H Swine club winners who won Pacific International judging contest in 1949, are, left to right, Lewis Patterson, 14, Salem; Wayner Goode, 16, Salem; and Marshall Jelderks, 13, Salem. Youngsters are shown admiring young Jelderks Berkshire sow. (neg. 2562)

3960 Conservation - Irrigation; photo by R.G. Fowler Jr., November 1949.

Reservoir to catch run-off irrigation on the C.C. Hoover and Sons ranch near Medford, Oregon is shown in the process of construction. The Hoovers expect to irrigate several hundred acres of so-called desert with waste irrigation water which they will purchase at a nominal price. (neg. 2564)

3961-3964 Equipment - General; photos by R.G. Fowler Jr., November 1949.

3961 Post driving outfit built on buck lift loader on a tractor owned by C.C. Hoover and Sons, Medford, Oregon. With 2 men on the crew this outfit has averaged a post a minute. Outfit costs about \$350, including labor. (neg. 2566)

3962 Shown is a junkyard car rear end mounted on a tractor owned by C.C. Hoover and Sons, Medford, Oregon, to act as a winch for a post driver. (neg. 2567)

3963 For less than \$20 Charles Barnes, Talent, Oregon orchardist, mounted this pruning platform on the front of his tractor. Using pneumatic pruners during 1949, he has cut pruning costs from 95 to 62 per tree including the cost of the tractor fuel. (neg. 2568)

3964 neg. 2569

3965-3968 Poultry - Equipment; photos by R.G. Fowler Jr., October 1949.

3965 Type of skid mounted range shelter used on the Oregon State College experiment station. It is constructed of corrugated aluminum. (neg. 2570)

3966 Open side skid mounted range shelter used on the Oregon State College experiment station. Roof is corrugated aluminum. (neg. 2571)

3967 Front view of the poultry range shelter used on the Oregon State College experiment station. This piece of equipment is skid mounted and is readily portable behind a tractor or truck. (neg. 2572)

3968 Noel Bennion, Oregon State College extension poultry specialist, is shown demonstrating a barrel range water device used on the Oregon State College experiment station. The barrel is mounted on casters and is turned upwards to refill through the side bung. In background are two barrel feeders. The two pieces of equipment are joined in tandem in order that they may be moved frequently to clean ground. (neg. 2573)

3969-3970 Poultry - Housing; photos by R.G. Fowler Jr., October 1949.

3969 Slatted laying house is shown which has been constructed on the Oregon State College experiment station to study low cost housing. (neg. 2574)

3970 neg. 2575

3971-3972 Poultry - Equipment; photos by R.G. Fowler Jr., October 1949.

3971 Interior view of a portable range shelter is shown. This piece of equipment, which has corrugated aluminum sides and roof, is of a type being used on the Oregon State College experiment station. It is skid mounted in order that it may be frequently moved to clean ground. (neg. 2576)

3972 This steel barrel which has been made into a feeding device is open at both ends. It is a type of feeder being used on the Oregon State College experiment station poultry range. (neg. 2577)

3973 Poultry - Housing; photo by R.G. Fowler Jr., October 1949.

Noel Bennion, Oregon State College extension specialist, is shown looking into a community nest built onto a lath laying house located on the Oregon State College experiment station. This type of house was built to study low cost housing. (neg. 2578)

3974-3975 Equipment - General; photos by R.G. Fowler Jr., October 1949.

3974 Shown are shanks and orifices used to inject chlorinated propane-propylene into the soil to control symphylids, a soil nuisance throughout Oregon. This piece of equipment used by H.B. Morrison, Oregon State College extension station entomologist has been used successfully. The material is released at its soil depth of approximately 8. Shanks are spaced about 9 apart. The material must be used when the soil temperature is 55° or above. (neg. 2579)

3975 Shown is tractor mounted soil injection equipment used by an Oregon State College experiment station entomologist, H.B. Morrison to control symphylids using chlorinated propane-propylene. (neg. 2580)

3976 Buildings - General; photo by R.G. Fowler Jr., August 1949.

Chopping hay scene on the F.A. Campbell farm near Sheridan. (neg. 2581)

3977 Publicity - General; photo by R.G. Fowler Jr., September 1949.

Seated in car is Ray McManimie, McMinnville technician for the Yamhill County Artificial Insemination association. He is shown talking with Ross Cruickshank, McMinnville, President, Yamhill County Artificial Insemination association. (neg. 2582)

3978-3979 Equipment - General; photos by R.G. Fowler Jr., September 1949.

3978 Russell Baker, Gaston, is shown elevating his suspended feed rack which is located below in his pen barn. (neg. 2583)

3979 Located in the pen barn owned by Russell Baker, Gaston, is the suspended feed rack. As straw and manure build up, the feed rack is raised occasionally to keep it at proper height. When the barn floor is cleaned, the rack can be drawn to the ceiling. (neg. 2584)

3980 Dairy - General; photo by R.G. Fowler Jr., September 1949.

Shown are a group of artificially bred cows on the Ross Cruickshank farm near McMinnville. (neg. 2587)

3981 Dairy - Animals; photo by R.G. Fowler Jr., September 1949.

Hallrose Duke a Holstein herd sire owned by the Oregon Dairy Breeders Association. (neg. 2588)

3982 Publicity - General; photo by R.G. Fowler Jr., December 1949.

1950 officers of the Oregon County Agents Association: left to right, E.M. Hauser, Malheur county, vice-president; D.L. Rasmussen, Marion county, secretary-treasurer; W.S. Averill, Multnomah county, president; and Cal G. Monroe, state 4-H extension agent, recorder. Photo taken during 1949 annual conference. (neg. 2590)

3983 Home Economics - Publicity; photo by R.G. Fowler Jr., December 1949.

1950 officers of the Oregon Home Demonstration Agents association: left to right, Miss Eleanor Trindle, Marion county, secretary; and Miss Viola Hansen, Linn County, president. Photo taken during 1949 annual conference. (neg. 2591)

3984 Publicity - General; photo by R.G. Fowler Jr., December 1949.

W.S. Averill, Multnomah County Extension Agent, and president of the Oregon County Agents Association for 1950. (neg. 2592)

3985 Home Economics - Publicity; photo by R.G. Fowler Jr., December 1949.

Miss Viola Hansen, Linn County extension agent, and president of the Oregon Home Demonstration Agents Association for 1950. (neg. 2593)

3986 Dairy - Animals; photo by R.G. Fowler Jr., October 1949.

H.B. Howell, Astoria, superintendent, John Jacob Astor branch experiment station, is shown with three registered triplet Guernsey heifers at 1949 Pacific International which were born on the Astoria station September 21, 1948, and exhibited in Portland at P-I in October. (neg. 2596)

3987-3994 4-H - Publicity; photos by R.G. Fowler Jr., October 1949.

3987 Carolyn Calder, 14, Eugene ninth grader shown in the kitchen of her home. (neg. 2597)

3988 Bobby Gheen, 11, Eugene, champion 4-H wood working club member in 1949. (neg. 2598)

3989 Discussing parts of a tractor air cleaner during the General Petroleum corporation sponsored tractor maintenance school for Oregon 4-H club

leaders at OSC, October 1949, are, left to right: Erwin Varco, Bend; San Guyer, Portland, John Deere Company; LaVern Palmblad, Gresham; and Jack Etter, Pilot Rock. (neg. 2600)

3990 Discussing tractor carburetor during the General Petroleum corporation sponsored tractor maintenance school for Oregon 4-H club leaders at OSC, October 1949, are, left to right: Marvin R. Wrightman, Heppner; Ralph K. Skoubo, Boardman; Ralph W. Fedler, Portland, Case Tractor Company representatives; and Clayton Nyberg, Tualatin. (neg. 2601)

3991 Showing how the air cleaner on a tractor is dis-assembled and cleaned is M.G. Huber, OSC extension agricultural engineer, second from left. Others are Oregon 4-H club leaders who were among those present at the three-day tractor maintenance school for 4-H club leaders sponsored by the General Petroleum corporation of California. Shown are, left to right: Fred Buring, Cheshire; Huber; Jim Brougher, Springfield; and Phillip Snethen, Eugene. (neg. 2602)

3992 1949 winners of \$300 college scholarships offered for the first time by Standard Oil company of California to older 4-H members are: Charles Hornecker, 17, Hillsboro; and Pat Horning, 19, Stafford. Both are freshman students at OSC. (neg. 2603)

3993 neg. 2604

3994 Sally Stillwell, 17, Astoria, winner of all-expense trip to National 4-H Club Congress in 1949 as one of five state award winners in achievement contest sponsored for the first time in 1949 by Standard Oil company of California. (neg. 2605)

3995-3996 4-H - Publicity; photos by R.G. Fowler Jr., December 1950.

3995 Winner of \$200 college scholarship in achievement contest sponsored for the first time in 1949 by the Standard Oil company of California is Jo Ann Roberts, 18, Shedd. She was also state fair style revue champion in 1949. (neg. 2606)

3996 Winner of \$200 college scholarship in achievement contest sponsored for the first time in 1949 by the Standard Oil company of California is John A. Kiesow, 18, Bend. He won four hog showmanship championships in club work during 1949 including those at state fair and P-I. (neg. 2607)

3997-3998 4-H - Dairy; photos by R.G. Fowler Jr., December 1949.

3997 Betty Vogt, Route 5, Salem, is shown with the purebred Jersey calf awarded her by Mrs. M.E. Leabo, Dallas. (neg. 2610)

3998 neg. 2611

3999-4004 Fertilizer - Trials; Photos by R.G. Fowler Jr., December 1949.

3999 Shown holding cans in which sunflowers were planted in a Silverton greenhouse to check results of various fertilizer combinations on soils taken from the Silver Creek Soil Conservation District, are, left to right: Harry Riches, Marion county extension agent; Oscar Loe; Herb Barnes; Elmo Betki, S.C.S.; and Austin Sanford, district work unit conservationist,

all of Silverton. Otherwise unidentified are farmer board members. (neg. 2612)

4000 Soil from the Roy King farm, Silverton--Polk Clay loam--which was used to test reaction from various fertilizer combinations shown by the Board of Supervisors, Silver Creek Soil Conservation District, Silverton. Sunflowers planted in the pots were grown in a Silverton greenhouse. (neg. 2613)

4001 General view of sunflower pots planted on three soil types in a Silverton greenhouse to check various fertilizer combinations by the Board of Supervisors, Silver Creek Soil Conservation District. (neg. 2614)

4002 Left to right, Herb Barnes, Chairman; and Oscar Loe, both of Silverton, and members of the Silver Creek Soil Conservation District board of supervisors are shown examining fertilizer check pots used to determine value of various fertilizer combinations from soils taken from farms in the district. Sunflowers were grown out in a Silverton greenhouse. (neg. 2615)

4003 Olympic loam soil taken from the A. Porter farm located within the Silver Creek Soil Conservation District was used to determine effects of various fertilizer combinations shown by the board of supervisors of the district in a Silverton greenhouse. (neg. 2616)

4004 Polk clay loam taken from the W.J. Haberly farm located within the Silver Creek Soil Conservation District was potted and planted to sunflowers in a Silverton greenhouse by the district board of supervisors to check effects of various fertilizer combinations shown. (neg. 2617)

4005-4007 Poultry - Management; photos by R.G. Fowler Jr., December 1949.

4005 U.J. Kirk, St. Paul hatcheryman and white Leghorn breeder, is shown gathering eggs in his new open-air laying house unit. Sloping floors send eggs from the pen into the gathering basin. (neg. 2621)

4006 U.J. Kirk, St. Paul hatcheryman and White Leghorn breeder, is shown with a handy feed carrier in his open-air laying house which has a capacity of 1,200 birds. (neg. 2622)

4007 In the open-air cage owned by U.J. Kirk, St. Paul, Oregon, birds are placed 15 to a cage which measures 3 by 5 feet. In the three feet of depth, the pen bottom has a forward slope of 4 and one-half inches. Thus, when an egg is laid it immediately rolls into the catch basin below the feed hopper and out from underfoot. Note soil cable wrapped on water pipe to prevent freezing. Dropping pits are 30 inches below pen bottom and require cleaning just twice annually. (neg. 2623)

4008-4012 Poultry - Housing; photos by R.G. Fowler Jr., December 1949.

4008 View of new open-air laying house built by veteran White Leghorn breeder, U.J. Kirk, St. Paul, Oregon. This unit was finished in September 1949. Measuring 24 by 110 feet, 80 cages hold a total of 1,200 hens. This unit was constructed at a cost of \$1 per bird. Roof is corrugated aluminum. Service ways are concrete. (neg. 2624)

4009 neg. 2625

4010 Close-up view of laying hens in open-air laying house built on the O.S.C. experiment station during the summer of 1947 for the sum of \$150. House has chicken wire sides and White Leghorns are exposed 12 months of the year. (neg. 2626)

4011 Open-air pole house built of \$150 on the Oregon State College experiment station during the summer of 1947. This 20 by 20 foot unit is built to hold 200 laying hens. Birds walk on 12 gauge welded wire. The unit was originally equipped with individual nests and raised roosts. Both, now, have been replaced with community nests and roosts flush on the wire. (neg. 2627)

4012 neg. 2628

4013 4-H - Dairy; photo by R.G. Fowler Jr., September 1948.

Clifford Anderson, 15, Corvallis, winner of the Holstein heifer calf at the 1948 Oregon State Fair. Calf was presented by Al Lindow, Portland dairyman. Clifford lives at the Childrens Farm Home. (neg. 2629)

4014-4016 Buildings - Farmsteads; photos by R.G. Fowler Jr., June 1948.

4014 View of Oliver Bros. Ranch, John Day. (neg. 2644)

4015 View of Oliver Bros. ranch and buildings, John Day. Mounted in foreground are Herman Oliver (white shirt) and his grandson, Oliver Keerins. (neg. 2645)

4016 neg. 2646

4017 Equipment - General; photo by R.G. Fowler Jr., June 1948.

To save opening and closing the larger gate, this small, walk-through gate has been built on the Oliver Bros. ranch, John Day. (neg. 2648)

4018-4023 Horses - General; photos by R.G. Fowler Jr., June 1948.

4018 Work teams on the Oliver Bros. ranch, John Day. (neg. 2652)

4019 neg. 2653

4020 neg. 2654

4021 neg. 2655

4022 Oliver Bros. ranch hand mounted on horse in front of corral. John Day. (neg. 2656)

4023 Saddle horses in corral at Oliver Bros. ranch, John Day. (neg. 2657)

4024 4-H - Beef; photo by R.G. Fowler Jr., June 1948.

Oliver Keerins, John Day, shown with beef steer on the Oliver Bros. Ranch. (neg. 2660)

4025 Beef - General; photo by R.G. Fowler Jr., June 1948.

Oliver Bros. cow herd on way to summer range near John Day. (neg. 2663)

4026-4027 4-H - Poultry; photos by Fairbanks, ???

4026 Ben Grahams 4-H poultry project. Ben is from Monmouth. (neg. 2674)

4027 4-H poultry project by Ben Graham, Monmouth. (neg. 2675)

4028-4030 4-H - General; photos by Fairbanks, ???

4028 4-H project by Ben Graham, Monmouth. Pictured are Ben and his sister. (neg. 2676)

4029 Ben Graham, Monmouth, shown working is his 4-H project. (neg. 2677)

4030 Ben Graham, Monmouth, pictured with tomato plants. (neg. 2678)

4031 4-H - Livestock; ???

neg. 2679

4032-4033 4-H - General; photos by Fairbanks, ???

4032 neg. 2680

4033 4-H electricity project-James Dosdall, Salem. (neg. 2681)

4034-4040 4-H - Photography; ???

4034 neg. 2682

4035 neg. 2683

4036 neg. 2684

4037 neg. 2685

4038 neg. 2686

4039 neg. 2687

4040 Corvallis 4-H Club: front row, left to right: Guy Monroe, David Plath, David Schudel; back row: (right) Kathy Monroe (maybe). (neg. 2688)

4041-4044 4-H - General; photos by Fairbanks, ???

4041 4-H woodworking project. (neg. 2689)

4042 neg. 2690

4043 neg. 2691

4044 neg. 2692

4045-4048 Horticulture (Berries); photos by R. Birdsall, June 1959.

4045 Strawberry pickers in Marshall Field at Sunset Farms operated by Ron and Glenn Hardman near Independence. (neg. 2693)

4046 OSC Horticulture specialist Ralph Clark in Siletz strawberry field operated by Eisley Bro. between Dallas and Willemina. (neg. 2694)

4047 Dr. A.L. Strand (left) and Polk County agent Kim Roberts examine Siletz strawberries in field operated by Eisley Bros. northwest of Dallas. (neg. 2695)

4048 Kim Roberts (left) Polk County agent, and Ralph Clark, OSC horticulture specialist, in Siletz strawberry field operated by Eisley Bros. northwest of Dallas. (neg. 2696)

4049 Food Technology; photo by Miriam Hall, 1957.

Ermina Fisher, (center) Marion County Home Agent, oversees a barbecue cookery lesson. (neg. 2698)-no print

4050 Publicity - Home Economics; photo by Miriam Hall, 1958.

Ermina Fisher, 1958. (neg. 2699)

4051 4-H - Horses; photo by Miriam Hall, 1959.

Gwen Guthrie of Prineville passed the difficult Dad Potter trials at the 1959 State Fair. (neg. 2700)

4052-4053 Dairy - Equipment; photo by Reasons, September 1959.

4052 Cleaning bulk milk storage tank of type used on the farm. This one is in OSC Dairy Prod. Lab. (neg. 2705)

4053 neg. 2706

4054 Home Economics - Publicity; photo by Miriam Miller, May 1958.

This is a picture of an old school house at Simanisho on the Warm Springs Indian Reservation. The Indians clean the place up, sanded down the floor and turned it into a useful community center. (neg. 2707)

4055-4068 Home Economics - Publicity; photos by Miriam Miller, June 1958.

4055 Breaking wild horses at Warm Springs Indian Reservation. (neg. 2708)

4056 4-H club leader and her daughter. Beadwork, as a 4-H club project has been revised among the Indians. (neg. 2709)

4057 Indians sand floor at old school house in Simanisho. (neg. 2710)

4058 Sewing is popular among the ladies at Warm Springs Indian Reservation. (neg. 2711)

4059 Indians lace lodge poles together to build a back drop for a baseball diamond, Warm Springs Indian Reservation. (neg. 2712)

4060 neg. 2713

4061 4-H youngsters enjoy a swim, Warm Springs Indian Reservation. (neg. 2714)

4062 neg. 2715

4063 Planning committee for recreation center at Warm Springs Indian Reservation. (neg. 2716)

4064 neg. 2717

4065 4-H club leader and her daughter. Beadwork, as a 4-H club project has been revised among the Indians. (neg. 2718)

4066 Beadwork, as a 4-H club project has been revised among the Indians. (neg. 2719)

4067 neg. 2720

4068 Indian woman canning meat 1958. (neg. 2721)

4069-4070 Home Economics - Publicity; photos by Miriam Miller, July 1958.

4069 Mrs. Mary Anne Crocker (right) measures hem of a skirt for a young homemaker on Warm Springs Indian Reservation. (neg. 2722)

4070 Zelma Reigle, OSC food marketing specialist, gets out regular food buying information for her radio. (neg. 2723)

4071-4072 Home Economics - Publicity; photos by Miriam Miller, September 1959.

4071 Mrs. Roberta Frasier, OSU family life specialist, bases her program of family life education on various development stages. (neg. 2724)

4072 Home management is a popular lesson among Oregon homemakers. Here, Mrs. Joyce Patterson, information specialist, was used as a stand in for a county agent-type picture. (neg. 2725)

4073 Home Economics - Publicity; photo by Miriam Miller, May 1959.

Zelma Reigle, Oregon State College Food Marketing Specialist, inspects produce in the Corvallis supermarket. (neg. 2726)

4074 Home Economics - Publicity; photo by Miriam Miller, June 1958.

Mrs. Lillian Smith, Warm Springs homemaker, puts to use an Extension lesson in reupholstery as she covers a davenport. (neg. 2727)

4075 Home Economics - Publicity; photo by Miriam Miller, July 1959.

OSCs food marketing information reaches homemakers at home. Here Zelma Reigle, Food Marketing Specialist, suggests to viewers what foods to include in the summer camping trip. (neg. 2728)

4076-4077 Home Economics - Publicity; photos by Miriam Miller, May 1960.

4076 Judges receive special training in preparation for judging 4-H contests in Oregon County Fairs. (neg. 2730)

4077 4-H leaders study fine texture in a loaf of bread. Center, Grace Workman, (far right) Mrs. Athalie Lage, Hood River. (neg. 2731)

4078 4-H - Publicity; ???

Delegates (L. to R.) to 1959 National 4-H conference. Front row: Philip Krouse, Grants Pass, Susan Amundsen, Astoria. Back row: Donna Ebert, Salem, David Schaad, LaGrande. (neg. 2732); 120 neg.

4079 4-H - Cooking; photo by M. Hall Miller, September 1959.

Joan Yasui, Hood River 4-Her, demonstrates a dairy food casserole at State Fair. (neg. 2733)

4080 a-d Jackson County 4-H Wagon Trek; photos by Miriam Hall, June 1958.

Scenes taken from the Jackson County 4-H Wagon Trek, June 1958. Five wagons made the trip. (Lower right) Mrs. Jesse James, 72 year old camp cook. (neg. 2735); print for photo "a" missing; 120 neg. (4)

4081 a-d Scenes from Jackson County 4-H Wagon Trek; photos by Miriam Hall, June 1958.

Oldest and youngest members of the trek were Jesse James, 72 year old camp cook and Gary Stewart, 3, Ashland, son of Mr. & Mrs. Vic Stewart, chaperones

(upper left). Blisters were bandaged en route (lower right). Jackson County 4-Hers won the George Washington Valley Forge Freedom Foundation Award. (neg. 2736); 120 neg. (4)

4082-4083 4-H - Publicity; photos by Miriam Miller, 1959.

4082 4-H State Health Winners. (l. to r.) Neal Glaske, Hillsboro and Barbara Hansen, Bend. (neg. 2737)

4083 Deschutes County 4-Her demonstrating at State Fair. (neg. 2738)

4084 a-c 4-H - Publicity; photos by Joyce Patterson, November 1960. (neg. 2740)

4084a (L to R) Charles Stevely, blind 4-H leader Howard House, Guy Fallgren, look at rabbit carrier made by club member. Columbia County. (upper left); 120 neg.

4084b Charles Stevely putting rabbit in carrier made by the of rabbit club members. Columbia county. (bottom); 120 neg.

4084c Mary Fallgren, blind 4-H leader Howard House, Charles Stevely showing rabbits teeth, Guy Fallgren, Linda Sanford. (upper right); 120 neg.

4085 a-d Home Economics - Publicity; photo by Joyce Patterson, Nov. 1960. (neg. 2741)

4085a Bernice Strawn, OSU home mgmt. specialist irons a shirt the 5-min. way at 1960 Home Management Workshop in McMinnville.; 120 neg.

4085b Mrs. Marvin Worden, Bernice Strawn, Mrs. Robert Carpenter, McMinnville, study kitchen energy steps.; 120 neg.

4085c Mrs. Vernon Burkhart, McMinnville; Mrs. William Cole, Spokane, Wash.; Mrs. Roscoe Gutbrod, Sheridan.; 120 neg.

4085d Mrs. Dick Gardner, McMinnville; Bernice Strawn; Mrs. Hugh Hickerson, McMinnville, look at time schedules.; 120 neg.

4086-4087 Farm Crops - Hay; photos by Bob Birdsall, May 1961.

4086 Paul Weswig, OSU agricultural chemist, completes final step in Kjeldahl process to determine protein content of forage. Samples shown are the ammonia fraction of alfalfa hay that has been reduced through chemical reactions. (neg. 2744)

4087 Paul Weswig (left), OSU agricultural chemist, and Norman Goetze, farm crops specialist, observe step in Kjeldahl process to determine protein content of alfalfa hay. (neg. 2745)

4088-4090 4-H Summer School; photos by June Birdsall, June 1961.

4088 1961 4-H Summer School food marketing tour (l. to r.) Jan Larson, Corbett; Don Stangel, Wilsonville; William Smalley, Ericksons Market; C.L. Smith, OSU state agent. (neg. 2746)

4089 1961 Summer School (l. to r.) Gordon DeBay, Erickson produce department manager; Shirley Zeigler, Coos Bay; Bill Hansell, Athena; Joyce Meeuwsen, Forest Grove. (neg. 2747)

4090 1961 4-H Summer School (l. to r.) Ken McGarry, Erickson manager; Judy Walker, Eugene; James Donnelly, Brookings. (neg. 2748)

4091 4-H - Horses; photo by Robert Birdsall, September 1961.

Barbara Moore, 16, Hermiston, grand champion 4-H horse showman at the 1961 State Fair. (neg. 2749)

4092 Personalities; ???, Fall term.

Gov. Mark Hatfield and Frank Ramsey, Sports Illustrated goalpost award. (neg. 02749); 120 neg. (2)

4093-4099 Horses; photos by R.H. Birdsall, October 1961.

4093 James Ricci, Bend, on Arab stallion, demonstrating training a horse at Short Course. (neg. 2750)

4094 neg. 2751

4095 neg. 2752

4096 Dr. K.J. Peterson, OSU vet, discussing unsoundness in horses at Horsemens Short Course. (neg. 2753)

4097 A.W. Oliver, OSU animal husbandman, discussing unsoundness in horses at Horsemens Short Course. (neg. 2754)

4098 C.A. Dickinson, Eugene, explains corrective trimming of hoofs at Horsemens Short Course. (neg. 2755)

4099 neg. 2756

4100 Home Economics - Publicity; photo by Miriam Miller, June 1961.

Dorothy Sherrill Miller, OSU family finance specialist advises a young couple on spending plans. (neg. 2757)

4101-4107 Home Economics - Publicity; photos by Miriam Miller, May 1961.

4101 Mrs. Leon Widmer and her three daughters in their Albany home. (neg. 2758)

4102 Royer sisters, Albany, help mother with housework. This is part of a series of home management workshops sponsored by the Extension Service. (neg. 2759)

4103 Linda Royer and her mother check the days schedule for jobs to do. (neg. 2760)

4104 Widmer sisters help their mother by ironing their own blouses. (neg. 2761)

4105 Mrs. Royer has time to take a walk with her two boys in time she learned to save through OSU management course. (neg. 2762)

4106 Gene Zimmerman, OSU student, learns how to iron his own shirts in 5 minutes from Connie Meyer, Linn county extension agent. (neg. 2763)

4107 Paul Hemerick and other OSU men learn to iron shirts from Connie Meyer, Linn county extension agent. (neg. 2764)

4108-4109 Home Economics - Publicity; photos by Jane Schroder, September 1959.

4108 This homemaker found the lesson on short cuts to hot meals helpful in managing her family. (neg. 2766); 120 neg.

4109 The Don Manwiller family, Bend, found materials supplied by Deschutes county agent Jane Schroeder a big help in planning their new home. (L. to

R.) Manwiller, sons David, Donnie, wife Rachel, and six-month-old Debra. (neg. 2767); 120 neg. **4110 Home Economics - Publicity**; ???, 1961.

A young woman from Ethiopia learns how to judge quality of canned fruit from Vivian Freeman, (left) home economist from White Satin Sugar Co., and Ivy Hilty, Warm Springs agent. (neg. 2768); 120 neg.

4111-4112 Home Economics - Publicity; photos by Miriam Miller, May 1961.

4111 Bob Youngman, McMinnville, checks press in shirt. Connie Meyer, Linn county home agent, taught the boys in Sackett Hall how to iron a shirt in less than 5 minutes. (neg. 2769)

4112 Connie Meyer, Linn county home agent, shows young men how to iron a shirt. (neg. 2770)

4113-4114 Home Economics - Publicity; photos by Miriam Miller, February 1962.

4113 BETTER CLOSET STORAGE was the theme of a bulletin written by Bernice Strawn, OSU home management specialist. Here, Carlene Kinnaman demonstrates how to stretch storage space by use of a step shelf. (neg. 2771)

4114 An extended rod makes it possible to hang childrens clothing or skirts and blouses in half the usual storage space. This picture was used to publicize OSU bulletin Better Closet Storage. (neg. 2772)

4115 Home Economics - Publicity; photo by Miriam Miller, December 1961.

Bernice Strawn, OSU home management specialist appears at a "small appliance" workshop at Benton County Fairgrounds. (neg. 2773)

4116 4-H - International Farm Youth Exchange; photo by Miriam Miller, February 1962.

Oregons 1962 IFYE delegates (l. to r.) Jerry Maddy, Albany, Don Walls, Hermiston, Julie Rostvold, Woodburn, Robert Youngman, McMinnville. (neg. 2774)

4117 4-H - Publicity; photo by Miriam Miller, February 1962.

Oregons 1962 delegates to 4-H Club Conference are: Back row: Gordon Eakin, Condon, Tom Zurcher, Hillsboro; Front row: Sandra Potampa, Madras and Lanetta Sue Carter, La Grande. (neg. 2775)

4118 Horses; photo by Robert Birdsall, February 1962.

Spinning on haunches in dash to head off steer, 4-year-old stallion without bridle and rider without control or pulling leather will perform at Oregon State University annual Horse Show, February 17. Stop Top, registered Quarterhorse, has ben trained as a cutting horse only five months by ride Mike Maynard, Corvallis. (neg. 2776)

4119-4131 4-H - Publicity; photos by Miriam Miller, February 1962.

4119 Series of publicity shots showing what a young home agent does on her job. Model is Judy Steele, Washington county 4-H agent. (neg. 2777)

4120a Judy returns to the campus, her Alma Mater, to visit specialists and friends. (neg. 2778)

4120b ???

4121 Judy consults with Ruth Brasher, state 4-H extension agent. (neg. 2779)

4122 Judy and her fiancé. (neg. 2780)

4123 Series of publicity shots showing what a young home agent does on her job. Model is Judy Steele, Washington county 4-H agent. (neg 2781)

4124 neg. 2782

4125 neg. 2783

4126 She gardens part time. (neg. 2784)

4127 Harriet Moore, Archivist.; 120 neg. (4)

4128 Judy demonstrates how to wash a sweater. (neg. 2785)

4129 Publicity is an important part of her job as 4-H agent. (neg. 2786)

4130 Judy advises a homemaker on a home furnishing problem. (neg. 2787)

4131 Judy talks over days work with county extension agent. (neg. 2788)

4132 Faculty; ???

Dr. Wilbert Gambel.; no print; 120 neg. (7)

4133-4134 Entomology; ???

4133 Dampwood termites as shown in EC 700. (neg. 2789)

4134 neg. 2790

4135-4139 Range; photos by Birdsall, June 1961.

4135 Seeded grass in foreground, unimproved range in background. LeRoy Wright in picture. Seeded range yields six or eight times as much as the other. (neg. 2791)

4136 LeRoy Wright showing crested wheatgrass (left) versus pubescent wheatgrass, (right). The latter grass is later, but has spreading roots and is better on land inclined to heave in winter. It is not so drought resistant as crested, nor will it withstand such heavy grazing. (neg. 2792)

4137 Crested wheatgrass-- alfalfa seeding on Freeman ranch on Sutton Creek. Grass-alfalfa about six times as much feed as sagebrush. E.R. Jackman in picture. (neg. 2793)

4138 Accidental burn, 1958 in Southern Baker County. Feed doubled in burned part. LeRoy Wright and E.R. Jackman in picture. (neg. 2794)

4139 Very good native range. This would not pay to spray or burn. On Lookout Mountain. (neg. 2797)

4140-4141 Range; ???

4140 An alfalfa seeding on range land in Baker County. From (l to r) Harry Elliott, Walter Shumway, and LeRoy Wright, county extension agent. This seeding of Nomad alfalfa turns off fully 10 times as much feed as

neighboring range. Rainfall here about 11 inches. Elliott Bros. ranch. Shumway is a neighboring rancher. (neg. 2800)

4141 One of the oldest crested wheat fields in Oregon. Near Hereford on Hawley Ranch, Baker County. Seeded about 1929. Very high yielding--about 15 or 16 inch rainfall. (neg. 2801)

4142 Plant Pathology; ???

Free diagnosis of sick plants is available to Oregon residents at the OSU Plant Clinic, staffed here by Allan Bartlett, clinic technician and Claudia Annis, secretary. The clinic encourages people, however, to first check plant ailments with their county agents. (neg. 2804)

4143-4144 Dairy - Equipment; photos by Birdsall, October 1962.

4143 OSU milking parlor. (neg. 2806)

4144 neg. 2807

4145-4152 Dairy; photos by Bill Reasons, January 1963.

4145 The 2x4 bumper board nailed at the back of the stalls the length of the alley keeps cows from riding each other in the stalls. This means cows in heat dont disturb other cows. (neg. 2808)

4146 Cows come and go as they please in OSUs loose feeding area, which now accommodates twice as many cows as it did when it was a stanchion barn. (neg. 2810)

4147 Cows are as clean as can be when they come into the milking parlor after being in individual loafing stalls, commented Dr. J.C. Miller, head of animal science at Oregon State University. (neg. 2811)

4148 Even young cows dont hesitate to crowd right in and eat in OSUs loose feeding area. The big upright pipes and smaller horizontal ones separate every four cows or so. This keeps boss cows under control. Theres been no trouble with knocked-down hips since theyve been using this setup. (neg. 2812)

4149 OSU studies show that piling bedding higher at the front of the stall than at the rear keeps cows cleaner. (neg. 2813)

4150 Cows are as clean as can be when they come into the milking parlor after being in individual loafing stalls, commented Dr. J.C. Miller, head of animal science at Oregon State University. (neg. 2814)

4151 Even young cows dont hesitate to crowd right in and eat in OSUs loose feeding area. The big upright pipes and smaller horizontal ones separate every four cows or so. This keeps boss cows under control. Theres been no trouble with knocked-down hips since theyve been using this setup. (neg. 2815)

4152 Dairy cows rest in OSUs old-type stanchion barn before it was converted to loose stall housing. (neg. 2816)

4153-4156 Sheep; photos by Birdsall, ???

4153 Inspecting pens of sheep during special tour. (neg. 2843)

4154 Farm flock in Yamhill County. (neg. 2845)

4155 Ewe and twins on Yamhill County farm. (neg. 2846)

4156 Farm flock on Willamette Valley pasture. (neg. 2848)

4157 Corvallis; ???, 1964

City Hall. (neg. 2848)

4158 Forestry (school tours); photo by Birdsall, 1958.

Forestry tour for sixth graders near Newport. (neg. 2849); 120 neg.

4159 Corvallis; ???, 1964

City Hall. (neg. 2849); 120 neg. (2)

4160-4162 Forestry (school tours); photos by Birdsall, 1958.

4160 Forestry tour for sixth graders near Newport. (neg. 2850); 120 neg. (3)

4161 neg. 2851; 120 neg. (4)

4162 neg. 2852; 120 neg. (3)

4163 Corvallis; ???

Pacific Northwest Water Laboratory. Architects sketch. (neg. 2858)

4164 Conservation - Irrigation; photo by Marvin Shearer, August 1964.

Pole bean picking, Bob Stafford Ranch, Goshen, Lane County. (neg. 2862)

4165-4166 Oceanography; ???

4165 Marine Science Laboratory, Newport. (neg. 2868); 120 neg. a-o (16)

4166 neg. 2869; 120 neg. (4)

4167-4170 Dairy Husbandry; photos by Don Taylor, May 1965.

4167 Champion Baron Louise, world champion two-year-old owned by Oregon State University, shown at OSU Dairy Unit. In background, left to right, is Mitsuo Okabe, Prefectural Government Officer, Hokkaido, Japan; and Floyd Wolberg, in charge of the OSU dairy program. (neg. 2882)

4168 Floyd Wolberg, Associate Professor of Animal Science, shows the award winning OSU dairy herd to Mitsuo Okabe, Prefectural Government Officer, Hokkaido, Japan. (neg. 2883)

4169 neg. 2884

4170 Three generations of Holstein cows are viewed by Mitsuo Okabe, Prefectural Government Officer, Hokkaido, Japan. (neg. 2885)

4171 Dairy - General; photo by Don Taylor, December 1965.

Oregon Dairy Princess Joyce Williams presenting a color film "The World is One" to OSU Pres.

James H. Jensen for OSU film library. Film was produced by American Dairy Assoc. & presented in behalf of dairy farmers of Ore. through the Oregon Dairy Products Commission. Film includes scenes of both winter

Olympics at Innsbruck, Austria, and Olympics at Tokyo--including Olympics Champions Don Scholander from Lake Oswego and former OSU student Jean Saubert. (neg. 2894); 120 neg.

4172 a-m,t,u Commencement; ???, 1965

neg. 2894; 120 neg. (16)

4173 Sheep - Management; photo by Bob Every, 1954.

Treating sheep with power sprayer. OSU farms, 1954. (neg. 2895)

4174a-z4 Commencement; ???, 1964

neg. 2897; 120 neg. (30)

4175 a-I Campus Views; ???, 1965

neg. 2898; 120 neg. (9)

4176 a-b Dairy - General; photos by Don Taylor, March 1966. (neg. 2899)

4176a Dairy unit, OSU.; 120 neg.

4176b Floyd Wolberg, dairy unit, OSU.; 120 neg

4177 a-h Campus Views; ???, 1965

neg. 2899; 120 neg. (9)

4178 a-d Dairy - Equipment; photos by Don Taylor, March 1966. (neg. 2900)

4178a Calf barn, at OSU dairy unit, shows individual stalls.; 120 neg.

4178b Calf barn, OSU dairy unit, individual stalls.; 120 neg.

4178c Free stall housing, OSU dairy unit.; 120 neg.

4178d Holsteins in free stalls, OSU dairy unit.; 120 neg.

4179 a-d Campus Views; ???

neg. 2901; 120 neg. (4)

4180 a-c Dairy - Animals; photos by Don Taylor, March 1966.

4180a Calves in group pens, OSU dairy unit; 120 neg.

4180b Jersey herd, OSU dairy unit; 120 neg.

4180c Holsteins feeding, OSU dairy unit; 120 neg.

4181 Publicity - General; photo by James Williams, 1967.

E.R. Jackman memorial fund committee. Including James Dunn, James Jackman, R.A. Long, Jens Terjeson, Carey Strome, John Scharff, Wilbur Cooney, Dick Richards, F.L. Ballard. (neg. 2906)

4182 a-j Engineering (Mechanical); ???, 1964.

Laboratory "Nutcracker".; 120 neg. (10)

4183-4184 Crops - General; ???, 1966.

4183 Onion drying experiment, Lake Labish. Jim Amnon shows fan at onionery. (neg. 2911)

4184 Onion drying experiment, Lake Labish. Cut onion. (neg. 2912)

4185 a-d Engineering; ???.

Leland Jensen with Power Pole Decay Detector.; 120 neg. (4)

4186-4187 Horticulture - General; photos by Ray McNieland. ???.

4186 Fir and pine tree grading system. (neg. 2924)

4187 neg. 2925

4188 Personalities; ???, July 1965.

Clifford E. Maser, OSU Business Dean. (neg. 2939)

4189 a-o Senior Weekend; ???, January 1965.

Beaver Open House. (neg. 2940); 120 neg. (15)

4190-4191 Personalities; ???.

4190 Dr. C.L. Anderson, Author, PE department. (neg. 2941); 120 neg.a-f (6)

4191 Fred Burgess, Sanitary Engineering. (neg. 2947)

4192 Pres. Jensen; ???, January 1965.

James MacEldowrey, Fred Shideler, Pres. Jensen with Rose Bowl Blankets. (neg. 2950)

4193 Personalities; ???.

Chappell & Painting, Art Department Staff Member. (neg. 2952); 120 neg.

4194-4196 Campus Views; ???.

4194 Classroom & Laboratory Scenes. (neg. 2954); 120 neg. a-d (4)

4195a Classroom Scene. (neg. 2956)

4195b Laboratory Scenes. (neg. 2957)

4196 Laboratory Scene. (neg. 2958)

4197 a-l Music & Band; ???, March 1965.

Ted Mesang, Band Concert. (neg. 2959); 120 neg. (12)

4198-4199 Physical Education - Women; ???, April 1965.

4198 Girls Crew. (neg. 2960)

4199 Girls Softball. (neg. 2972)

4200 a-l Research; ???, July 1965.

Wine without Water, Food Science, Graduate Student Maladi. (neg. 2991); 120 neg. (12)

4201 a-g Home Economics; ???, April 1965.

Ronal Hastie, First Male Home Economics Graduate. (neg. 2961); 120 neg. (7)

4202 a-c Campus Views; ???.

Entrance to Chemical Engineering. (neg. 2962); 120 neg. (3)

4203 a-g Personalities; ???.

John Kice, Chemistry Outstanding Professor 1964. (neg. 2963); 120 neg. (7)

4204 a-e Foreign Students; ???, March 1965.

Presentation of Norwegian Flag to Dean. (neg. 2977); 120 neg. (5)

4205 Campus Views; ???.

Map at Entrance of Education Hall. (neg. 2978); 120 neg.

4206 Personalities; ???, 1965.

Charles Holloway, State Board of Higher Education. (neg. 2985)

4207-4210 Campus Views; ???.

4207 Laboratory Scene. (neg. 2994)

4208 neg. 2995

4209 neg. 2996

4210 neg. 2997

4211a-z16 Personalities; ???, 1965.

Warren C Hovland, Department of Philosophy & Religion. (neg. 2964); 120 neg. (28) and 35mm neg. (17)

4212-4213 Campus Views; ???.

4212 Classroom scene. (neg. 2998)

4213 Several Campus scenes. (neg. 3001); 120 neg. a-d (4)

4214 a-d Campus Views; ???, Summer 1965.

neg. 3024; 120 neg. (4)

4215 a-b School of Education; ???.

Reading Clinic. (neg. 3036); 120 neg. (2)

4216 a-c,e,f Commencement; ???, June 1965.

neg. 3045; 120 neg. (5)

4217 a-d Faculty; ???, January 1966.

Shep Levine and art. (neg. 3047); 120 neg. (4)

4218 a-f,i-z Commencement; ???, October 27, 1965.

Charter Day. (neg. 3048); 35mm neg. (22)

4219 Ag Research; ???, January 1966.

Harry Lagerstad, Dept. of Horticulture. (neg. 3049)

4220 a-h School of Education; ???, 1965.

Dean F.R. Zeran. (neg. 3051)

4221-4224 Mechanical Engineering (Faculty); ???, February 1964.

4221 Dick Boubel. (neg. 3052); 120 neg. (5)

4222 Dick Boubel, William Paul & Gary Jaross. (neg. 3053); 120 neg.a-j (10)

4223 Don Addicott. (neg. 3055); 120 neg. a-b (2)

4224 Gary Jaross and after burner. (neg. 3056); 120 neg.

4225 a-f Home Economics; ???.

Dorothy East & Marie Bussard. (neg. 3060); 35 mm neg.. (6)

4226 a-k President Jensen; ???.

Luncheon or mayor of Ceutofagest, Chile (a-g). Rose Bowl Awards to Bond and Float (h-I).

Presentation of Flag and picture (j-k). (neg. 3062); 120 neg. a-I (9)

4227-4228 ROTC; ???.

4227 neg. 3068; 120 neg. (4)

4228 Dean Gilkey and Col. Arnold Seeborg. (neg. 3069); 120 neg. a-e (5)

4229 Miscellaneous; ???.

99 year old diploma. (neg. 3070)

4230 a-e Personalities; ???, Spring 1965.

Governor Romney visits OSU. Sponsored by Blue Key. (neg. 3071); 120 neg. (5)

4231-4238 Faculty; ???.

4231 Jim Dietz--Food Technology. (neg. 3074); 120 neg. a-b (2)

4232 J. Peters--Home Economics. (neg. 3075); 120 neg. a-d (4)

4233 Dean McCulloch. OSU Foundation Advertisement. (neg. 3076)

4234 Dean Maser--OSU Foundation Advertisement. (neg. 3077)

4235 Harold Schultz. (neg. 3078); 120 neg. a-d (4)

4236 George Gleeson; PULLED

4237 Dr. E.A. Day--Food Science. (a-b) and Weniger Hall. (c-d) (neg. 3080); 120 neg. c-d (2)

4238 Dr. Betty Hawthorne--Dean of Home Economics. (neg. 3081); 35mm neg. c-v (20)

4239 a-n Library; ???, April 20, 1965.

Shots in and out. (neg. 3084); 120 neg. (14)

4240 a-m Oceanography; ???.

Marine Science Lab. (neg. 3087); 120 neg. (13)

4241 ROTC; ???.

Girl in Military Class. (neg. 3102)

4242-4243 Science Scholarships; ???, Fall 1965.

4242 neg. 3103

4243 neg. 3104

4244 a-d Student Activities; ???, 1965.

Women's Rifle Team National Champions. (neg. 3107); 120 neg. (4)

4245 Engineering; ???, December 1965.

Industrial Engineering. (neg. 3114); 35mm neg. (58)

4246 a-j Conferences; ???, January 1966.

High School Senior Day. (neg. 3117); 120 neg. (7) and 35 mm neg. (19)

4247 a-g Summer Session; ???.

Summer Session Open House. (neg. 3122); 120 neg. (12)

4248 a-f Student Activities; ???.

Mrs. James H. Jensen, Student Wives, advisor. (neg. 3126); 120 neg. b-f (10)

4249 Student Activities; ???, February 22, 1966.

Summer Performance 1966-Rashomono. (neg. 3128)

4250 Forestry; ???, February 19, 1966.

Forester's Fernhopper Banquet with T.J. Starker & Dean McCullough. (neg. 3129)

4251 Faculty; ???, February 22, 1966.

Mrs. Vallette--Ag. Car Pool. (neg. 3131)

4252-4253 Student Activities; ???, February 14, 1966.

4252 Y Round Table Clothing Drive. (neg. 3132)

4253 Play Tom Sawyer's Treasure Hunt. Directed by Dr. Robertson. (neg. 3133)

4254 a-c Campus Views; ???.

neg. 3129; 120 neg. (3)

4255 Engineering (Industrial Arts); ???.

Industry people who received service scrolls from the Dept. of Industrial Education. George Storm of the Dept. is second from left. (neg. 3141)

4256 President Jensen; ???.

Merrill Act Photo presented by Air Insurance Agent. (neg. 3142)

4257 a-g Water Pollution Lab; ???.

Water Lab with Cy Everts. Digging ground. (neg. 3143); 120 neg. (12)

4258 a-x Faculty - Engineering; ???.

Julie Latham of Medford. Newspaper Study Program. Professor William Engesser--Med. Tech. Jackson Foundation. (neg. 3145); 35mm neg. (24)

4259 Marine Science Laboratory; ???, 1965.

neg. 3146

4260 a-j Campus Views; ???.

Students on Campus & others (a-I) and Pottery Sale (j). (neg. 3190 & 3197); 120 neg. a-I (9)

4261 a-I Faculty (OSU); ???.

Mr. Stan Williamson. (neg. 3200); 35mm neg. (9)

4262 Forestry; ???.

Dean Walter F. McCulloch and Mr. Knudsen, who received a scholarship from the School of Forestry. (neg. 3202)

4263-4265 Faculty; ???, May 1966.

4263 Gordon R. Sitton, Ag. Econ., Director of International Education. (neg. 3263)

4264 Standing- Dr. Vincent Schaeffer, University of New York, Synp. on Condensation Nuclei lead speaker. Sitting- Mr. Alowrey. (neg. 3204)

4265 Dr. E. Dale Trout and Dr. Pochen. (neg. 3205)

4266 Research; ???, June 22, 1966.

Farm crops under Dr. Wilson H. Foote. (neg. 3211)

4267 a-l Faculty; ???.

Mr. Hugh F. Jeffrey, Jr., Physical Plant Safety Pledge Certificate. (neg. 3214); 120 neg. e-l (8)

4268 a-cc Mothers' Weekend; ???, May 1966.

Turtle Race; Beta Theta Pi. (neg. 3219); 35mm neg. (29)

4269-4270 Commencement; ???, 1966.

4269 neg. 3221; 120 neg. a-ff (32)

4270 neg. 3222; 35mm neg. a-u (21)

4271 a-q A.T. "Slats" Gill Funeral; ???.

At Coliseum. (neg. 3233); 35mm neg. (17)

4272 a-I Student Activities; ???, 1966.

Memorial Union Easter Egg Hunt. (neg. 3234); 35mm neg. (9)

4273 a-h Campus Views; ???, July 4, 1966.

Jefferson Street Dorms. (neg. 3242); 120 neg. b-g (6)

4274-4275 Summer Session; ???, July 6, 1966.

4274 Senator Gale McGee. (neg. 3243)

4275 Lecture by Mr. Norman Thomas. (neg. 3244)

4276 a-d Campus Scenes; ???, July 4, 1966.

neg. 3247; 120 neg. (9)

4277 a-h Home Economics; ???, July 15, 1966.

Mrs. Sathers, Head of flavorism, tests students reactions of various foods. (neg. 3248); 120 neg. (8)

4278 a-e Computer Center; ???, July 18, 1966.

Dr. Darrel Don Aufenkamp and Dr. Weingarten show new computer installation. (neg. 3249); 120 neg. (5)

4279 a-b X-Ray Science; ???, July 15, 1966.

Dr. E. Dale Trout demonstrates use of the big X-ray machine. (neg. 3252); 120 neg. (2)

4280 a-I Oceanography; ???.

June Pattullo with seismograph. (neg. 3254); 35 mm neg. (9)

4281 a-n Campus Views; ???, August 8, 1966.

Lower Campus around gate. (neg. 3256); 120 neg. (14)

4282 a-e Miscellaneous; ???, August 9, 1966.

Bertha Wall and Elaine Labott at OSU by sponsor Food Service Management. Mr. Wiard shown with the girls is associated with the program. (neg. 3257); 120 neg. (5)

4283 a-l Faculty; ???, February 10, 1965.

Thomas G. Scott-Head of Fisheries & Wildlife. With Charles E. Warren. (neg. 3261); 35mm neg. (12)

4284 a-f Personalities; ???, July 1966.

Debbie Irvin of OSU bookstore. (neg. 3262); 120 neg. (6)

4285 a-k Radiation Lab; ???, August 13, 1966.

New Addition added. (neg. 3264); 120 neg. (11)

4286 Student Activities; ???, September 16, 1966.

Cheer leaders (male & female). (neg. 3265)

4287 Music & Band; ???.

OSU Marching Band. (neg. 3269)

4288-4289 Faculty; ???, August 1966.

4288 Murray Dawson, Professor of Soil Science. (neg. 3270); 120 neg.a-d (4)

4289 Dr. James C. Miller, Animal Science. (neg. 3272)

4290 a-l Computer Center; ???.

Darrel Don Aufenkamp. (neg. 3276); 35mm neg. (12)

4291 Forestry; ???.

Dean McCulloch, Dean of Forestry. (neg. 3292)

4292-4293 Student Activities; ???, Spring 1967.

4292 U.G. Dubach with Young American for Freedom. (neg. 3296)

4293 The Black Bag is on the OSU flag pole. (neg. 3298); 120 neg. a-l (12)

4294 a-k Conferences; ???.

Visit to the horse-shoe lab. First stop for High School tour group. (neg. 3299); 120 neg. (11)

4295 a-g Tour Group; ???, May 1967.

High school honor students tour Food Technology and other parts of campus. (neg. 3300); 120 neg. (7)

4296 Music & Band; ???, January 1967.

Joseph Brye, Professor of Music. (neg. 3309)

4297 a-t Campus Views; ???, Winter 1969.

Living groups make the best of weather and their free time. (neg. 3414); 35 mm neg. (20)

4298 a-l Campus - Buildings; ???.

Pi Beta Phi-sorority. (neg. 3384); 120 neg. (12)

4299 a-k Campus Views; ???, June 12, 1967.

Lower Campus and gates including Education Hall. (neg. 3340); 120 neg. (11)

4300 thru 4999 MISSING

5000 a-l Agricultural Engineering; ???, July 7, 1967.

Karen Stanclift--Junior in Ag. Eng.--taking notes on strawberry harvester with Professor Dean Booster explaining. (neg. 3325); 120 neg. (12)

5001 Foreign Students; ???, July 8, 1967.

Mr. Lawson speaking to African students. (neg. 3329)

5002 a-l Campus Scenes--M.U.; ???, July 1967.

neg. 3332; 120 neg. (12)

5003 a-g Faculty; ???, November 2, 1967.

Bernice Strawn- Home Economics. (neg. 3336); 120 neg. (7)

5004 a-b Engineering; ???, June 1967.

Professor Solon A. Stone using telelecture system to teach class in Portland. (neg. 3342)

5005 Commencement; ???, May 1968.

Shirley Hansen, 50 Engineering graduate. (One of only two female graduates in engineering). (neg. 3360)

5006 a-b Foreign Students; ???, June 24, 1967.

Jacob and Alan R. Lyons. (neg. 3339); 120 neg. (2)

5007 Engineering; ???.

Richard Boubel demonstrates air pollution apparatus. (neg. 3345)

5008-5009 Registration; ???, September 1966.

5008 Fall Term "Rush" in OSU Book store. (neg. 3346)

5009 Fall Term Registration at the Coliseum. (neg. 3347)

5010-5011 Music & Band; ???, December 1966.

5010 "The Messiah", a musical Christmas program in Gill Coliseum. (neg. 3351); 35 mm neg. (3)

5011 The Chamber Orchestra. (neg. 3359); 120 neg. (2)

5012 ROTC; photo by S.H.B., May 13, 1968.

Lt. Gen. Lewis Walt, Assistant Commandant, U.S. Marine Corps, reviewing officers for the May 1968 Combined ROTC review. (neg. 3362)

5013 a-d Miscellaneous; ???, April 1968.

The Martin Luther King march at Corvallis and OSU. (neg. 3363); 120 neg. (4)

5014 Miscellaneous; ???, July 1968.

OSU President Jensen receives Safety plaque from State of Oregon. L.H. O'Neil, Safety officer, second from left. (neg. 3367)

5015 a-b Science - Entomology; ???, July 15, 1968.

Paul O. Richter with the largest yellowjackets' nest ever found. (neg. 3369); 35 mm neg. (2)

5016 a-d Miscellaneous; ???, 1968.

Information and security booth. (neg. 3372); 35 mm neg. (4)

5017-5019 Forest Product Lab; ???, 1968.

5017 Dr. Harvey Aft. (neg. 3373); 120 neg. a-b (2)

5018 neg. 3374; 120 neg. a-b (2)

5019 neg. 3375; 120 neg. a-b (2)

5020-5021 Campus Buildings; ???, 1968.

5020 Pacific Northwest Water Laboratory. (neg. 3389); 120 neg. b

5021 Radiation Laboratory. (neg. 3390)

5022 a-c Beaver Open House; ???, 1968.

neg. 3392; 120 neg. (3)

5023 a-d Research; ???, 1968.

Transplanting fertile ovum into virgin rabbit. (neg. 3393); 120 neg. (4)

5024 a-d Commencement; ???, June 5, 1967.

neg. 3333; 120 neg. (4)

5025 a-d Science (Zoology); ???, October 1968.

neg. 3394; 35 mm neg. (4)

5026 a-h Convocations; ???, Fall 1966.

Linus Pauling. (neg. 3398); 35 mm neg. a-f (6) and 120 neg. g-h (2)

5027 a-c Faculty; ???, Fall 1968.

Presentation of German Medal to Dean Gilkey. (neg. 3399); 35 mm neg. (3)

5028-5029 Student Activities; ???, Winter 1969.

5028 Demonstration to retain Allen Young as an instructor for the English Dept. (neg. 3401); 35 mm neg. (6)

5029 First demonstration against firing of English instructor Allan Young. Tenure was up last June (1968). He was given one extra year at that time. (it is up June, 1969). (neg. 3402); 35 mm neg. (6)

5030 a-d Classroom Views; ???, 1967-68.

Dr. Brandts Botany class. (used in Scope). (neg. 3403); 120 neg. (4)

5031 a-b Radio - KBVR; ???.

neg. 3404; 120 neg. (2)

5032 Campus Views; ???.

Outside class. (neg. 3406)

5033 Marine Science Lab; ???, Fall 1968.

Marine Science Center. (neg. 3408)

5034 Music & Band; ???.

OSU Concert Band. (neg. 3409)

5035 a-e Personalities; ???, Fall 1966.

Robert Kennedy at OSU-campus speaker. (neg. 3411); 35 mm neg. (5)

5036 Science; ???, Fall 1966.

School of Science Honors Colloquium-used in OSU Scope. (neg. 3415)

5037 Classroom Scenes; ???.

neg. 3416; 120 neg.

5038 a-g Science; ???, 1967-68.

Population Display-School of Science-Dr. Milne. (neg. 3417); 35 mm neg. (7)

5039 a-d Engineering; ???, Fall, 1966.

Job interviews. (neg. 3419); 120 neg. (4)

5040 a-d Registration; ???, Fall 1967.

neg. 3421; 120 neg. (4)

5041 a-e President James Jensen; ???.

neg. 3422; 35mm neg. (6)

5042 a-c Miscellaneous; ???, March 1967.

Books from OSU Press. (neg. 3423); 35 mm neg. (3)

5043 a-c Campus Views; ???, Summer 1968.

M.U. Patio. (neg. 3425); 35 mm neg. (3)

5044 a-b Music & Band; ???.

Memorials for Benjamin Lee Arnold, A.H. and Ted L. Mesang. (neg. 3426); 35mm neg. (2)

5045 Classroom Scenes; ???.

neg. 3427; 120 neg.

5046 a-b Campus Views; ???, Winter.

neg. 3428; 120 neg. (2)

5047 a-c Charter Day; ???, 1966.

Distinguished Service Award Winners. (neg. 3429); 120 neg. (3)

5048-5049 1969 Commencement; ???, June 1969.

5048 neg. 3431

5049 neg. 3432

5050 Campus Views; ???, July 16, 1969.

Girls sunbathing; Students between classes. (neg. 3426); 120 neg. (2)

5051-5052 1967 Commencement; ???, June 1967.

5051 neg. 3438; 120 neg.

5052 neg. 3439

5053 Commencement;???, June 1969.

No prints. (neg. 3546)

5054 a-e Sheep; ???.

One and a half percent dieldin dust tested for tick control at the Guy Arbogast ranch, Condon. Part of R.L. Goulding experiment, using converted row crop duster as a sheep duster. About 1400 yews and lambs per hour can be run through such a system. (neg. 3E); 120 neg. (5)

5055 Entomology; photo by Bud Crowell, ???.

Maggot control by ethion, a new organic phosphate as shown by the two rows at left. The right two rows received no insecticide. About 1 lb. of active ingredient per acre was used in these Malheur County plots. Black and white from Kodachrome by Bud Crowell. (neg. 5E)

5056-5057 Dairy; ???.

5056 Feeding trial at the Astor branch experiment station. Comparing long hay left, in the same hay wafer right. (neg. 7E)

5057 Heifers fed pellets apparently dont get enough roughage. Note board chewing. (neg. 12E)

5058 Livestock - Beef; ???, January 1950.

Negatives 13 and 14 show the new beef barn at O.S.C.. (neg. 13E)

5059 Potatoes; ???, November 1960.

Propane burning of potato vines for easier harvest and for Verticillium Wilt control-Harold Allen farm. (neg. 14E); 120 neg. (2)

5060 a-d Dairy; ???.

Loafing shed with augar type feeder. (neg. 32E); 120 neg. (4)

5061-5063 Sheep; ???.

5061 Sheep feeding on pellets. (neg. 15E)

5062 neg 16E

5063 neg. 17E

5064-5065 Soils; photos by Ellis Knox, March 26, 1958.

5064 Profile of Astoria soil, Tillamook burn. (neg. 18E); 120 neg. (2)

5065 Astoria soil landscape Tillamook burn. (neg. 20E); 120 neg. (2)

5066 Food Technology; ???.

Sampling pie made from dehydrated apples. (neg. 24E)

5067-5069 Swine; photos by Alice Dalbey, August 1961.

5067 Mike Fancher, son of herdsman at swine barns, and baby pigs from Dr. David England's isolation rearing experiment, August 1961. (neg. 27E)

5068 MISSING

5069 neg. 29E

5070 Sheep; ???.

Ewes grazing on red clover pasture near Corvallis. (neg. 31E); 120 neg.

5071 a-b Dairy; ???.

Daily strip grazing. (neg. 33E); 120 neg. (2)

5072-5075 Weed Control; ???.

5072 Experimental weed control plot sprayer in action. (neg. 35E); 120 neg. (4)

5073 Canada thistle control with TBA. Check in foreground. (neg. 36E); 120 neg. (2)

5074 Weeds in strip were missed with emergence spray of 4 lb. per acre of EPTC on new seeding of birdsfoot trefoil. (neg. 38E); 120 neg. (2)

5075 Pre emergence weed control in birdsfoot trefoil with EPTC at 4 lb. per acre treated, right, untreated, left. (neg. 40E); 120 neg. (2)

5076 Dairy; ???.

Daily green chop. (neg. 41E)

5077 Dairying; ???.

Strip grazing. (neg. 42E)

5078 Ag. Chemistry - Radio-activity; ???, August 1949.

Cowan (left) watches while Dr. Butts injects the radio-active material into a corn specimen. (neg. 46E)

5079 Fertilizer; ???.

Sub-clover preparation, Yamhill County, 1957. (neg. 47E); 120 neg.

5080 Horticulture - Nuts; photo by Arland Meade, October 1948.

General Filbert orchard scenes. (neg. 48E)

5081 Livestock - Beef; ???, May 1951.

General interior view of OSC beef barn showing set-up for cattle feeding experiments conducted by Dr. Ralph Bogart. (neg. 51E)

5082 Beef Cattle; ???, November 9, 1970.

Feeding cattle pea vine silage-Exp. Station Milton Freewater. (neg. 53E)

5083-5084 Ag. Chemistry - Fluorine; ???, May 1949.

5083 Equipment used by chemists in fluorine analysis. Taken in May 1949 for use in court testimony and fluorine reports. Series of photos showing equipment used covers negatives 61-70. (neg. 62E)

5084 Equipment used by chemists in fluorine analysis. (neg. 64E)

5085 a-b Wildlife; photo by Floyd, June 22-26, 1970.

Wild Geese - Farewell Bend State Park. (neg. 68E); 120 neg. (2)

5086 Ag. Chemistry - Fluorine; ???.

Equipment used by L.F. Remmert, assistant chemist, in work with fluorine analysis. Taken for use in court testimony in case of farmers vs. aluminum plants. (neg. 69E)

5087 Sheep; ???.

Sheep dusting with .5% dieldrin for tick control. Goulding. (neg. 71E); 120 neg.

5088 Forage and Seed; ???, June 1950.

Close-up view of Talent alfalfa plant. June 1950 at Southern Oregon Branch Experiment Station. See negatives 71-75. (neg. 73E)

5089-5094 Fertilizers; ???, May 1958.

5089 Red clover plots, Oregon City. May 1958. P₂Lo vs. P₁Lo. (neg. 74E); 120 neg. (3)

5090 Phosphorus response sub-clover. Oregon City, May 1958. LoP₂ vs. LoPo. (neg. 75E); 120 neg. (2)

5091 Lime response, red clover, Oregon City, May 1958. LoPo in front. L₁Po in back. (neg. 76E); 120 neg. (2)

5092 Sub-clover establishment experiment. Douglas County, May 1958. (neg. 80E); 120 neg. (2)

5093 Phosphorus response red clover, Oregon City, May 1958. P₂L₀ vs. PoLo. (neg. 81E); 120 neg. (2)

5094 Phosphorus response, Oregon City, sub-clover, May 1958. LoP₂ center LoPo right. (neg. 84E); 120 neg. (2)

5095-5096 Hops; ???, August 1950.

5095 View of hop yard (just across old Albany bridge) showing sprinklers in action. Taken August 1950 for Hop Field Day publicity. Series of hop photos taken at the time covers negatives 85-99. (neg. 85E)

5096 View of hop yard (just across old Albany bridge) where certain phases of hop research are conducted. Hop drier in the background and sprinkler system going in the foreground. Taken August 1950 for Hop Field Day. (neg. 86E)

5097 Fertilizer; ???, 1958.

Lime response. Sub-clover, Oregon 1958. LoPo front, L₂Po back. (neg. 89E); 120 neg. (2)

5098-5102 Hops; ???, August 1950.

5098 Dr. R.E. Fore, farm crops, explains the hop fertilization program carried on at the experimental hop yard to Field Day visitors, August 1950. (neg. 90E)

5099 More than 11,000 pollen bags were placed in the experimental hop yard in 1950 as part of the breeding program. This is a general view of the experimental breeding plot. Taken August 1950 as part of the series of hop photos that covers 85-99. (neg. 92E)

5100 This is a close-up view of the pollen bags on hops in the breeding plots. (neg. 93E)

5101 Shown in action is one of the seven rigs demonstrated at the 1950 Hop Field Day. Negatives 94-99 show the rigs in action. (neg. 94E)

5102 At the Field Day, August 1950, various commercial spray rigs ran demonstrations for visitors. The negatives 94-99 show the rigs at work in the experimental hop yard. (neg. 99E)

5103a Poultry - Turkeys; ???, 1949.

Checking the size opening of the oviduct, used to determine time of egg production following lighting. (neg. 100E)

5103b-5104 Sheep; ???.

5103b Effect of natural plant estrogen-genistin is being tested on the OSC lambs. Lot being fed alfalfa pellets that are naturally low in this isoflavone. (neg. 101E)

5104 Lambs on feed with alfalfa pellets naturally high in plant estrogen, comparable to about 5 micrograms of silbestro. (neg. 102E)

5105 Animal Husbandry; ???.

Oxygen consumption in experiments with white rats. (neg. 103E); 120 neg. (3)

5106 Fish & Game; ???.

Young mink on OSC fur farm being fed mixture of turkey waste, marine scrap fish, cereal, and red meat. (neg. 104E)

5107 a-c Small Grains; ???.

View of dwarf wheat varieties on test of the Pendleton Branch Experiment Station. Wheat was developed by O.A. Vogel at WSC. (neg. 107E); 120 neg. (3)

5108 a-b Agriculture Engineering; ???, 1959.

View of vertical culture on test. Pendleton Branch Experiment Station. (neg. 108E); 120 neg. (2)

5109-5112 Poultry - Turkeys; ???, June 1949.

5109 General view of turkey breeding pens. (neg. 109E)

5110 Battery brooders in the turkey brooder house. (neg. 110E)

5111 Checking the size opening of oviduct as an aid in determining time of egg production following lighting. (neg. 112E)

5112 View of turkey breeder shelter taken from north end. (neg. 113E)

5113-5115 Poultry - Turkeys; ???, May 1950.

5113 J.A. Harper examines setting trays used for experimental incubation studies on fertility and breeding. Series of turkey egg hatching photos covers 114-119. (neg. 114E)

5114 Hatching tray with poults. (neg. 115E)

5115 J.A. Harper removes poults from hatching tray. (neg. 116E)

5116 a-I Beef Cattle; ???, March 1959.

Various view of pelleting operations at PGG pelleting mill near Hermiston. (neg. 117E); 120 neg. (9)

5117-5118 Poultry - Turkeys; ???, May 1950.

5117 Close-up of poults on hatching tray. (neg. 118E)

5118 General view of turkey egg incubator (setting side of machine-hatching side on the left). Taken May 1950 for J.A. Harper and D.C. Mumford for publication on cost of producing hatching eggs.

Series covers 114-119. (neg. 119E)

5119 Poultry - Turkeys; ???, Fall 1949.

Close-up of artificial insemination technique. J.E. Parker holds. (neg. 120E)

5120 Sheep; ???, November 24, 1970.

neg. 122E

5121 a-m Beef Cattle; ???, April 1959.

Beef Cattle on feed at Malheur branch experiment station, Feeders Day, April 22, 1959. (From left to right, lot numbers are marked under pictures). (neg. 123E); 120 neg. b-k (10)

5122 Sheep (Romney); ???, November 24, 1970.

neg. 124E; negative discarded due to buckling of emulsion

5123 Chickens; ???.

OSC Poultry man, Bill McClusky examines a dubbed hen. (neg. 125E)

5124 Sheep (Romney); ???, November 24, 1970.

neg. 130E; negative discarded due to buckling of emulsion

5125-5126 Horticulture - Small Fruits; photos by John C. Burtner, July 1947.

5125 Loganberry hybrid plantings at the horticultural farm. Series covers 132-138. (neg. 132E)

5126 General view of Loganberry planting. (neg. 133E)

5127 Sheep (Romney); ???, November 24, 1970.

neg. 134E; negative discarded due to buckling of emulsion

5128-5131 Horticulture - Small Fruits; photos by John C. Burtner, July 1947.

5128 Loganberry plantings at the horticultural farm. (neg. 135E)

5129 neg. 136E

5130 General view of Loganberry hybrid planting at the horticultural farm. (neg. 137E)

5131 George F. Waldo, USDA horticulturist, looks over the Loganberry hybrids at the horticultural farm. (neg. 138E)

5132 Beef Cattle; ???.

Feeding operation near Athena, Oregon. (neg. 148E)

5133-5134 Horticulture - Small Fruits; ???, November 1949.

5133 General view of Blueberry plots at the Lewis-Brown farm. Also see 150 for another view. (neg. 149E)

5134 View of blueberry plantings at the horticultural farm. Note use of wood wastes as mulch material. See also 149. (neg. 150E)

5135-5136 Horticulture - Small Fruits; ???, June 1949.

5135 Raspberry 549. (neg. 154E). Series 151-156.

5136 Growth characteristics of raspberry 549. (neg. 156E)

5137-5139 Branch Stations -Southern Oregon; ???, Summer 1949.

5137 Diseased cherry tree at Southern Oregon Branch Experiment Station. Taken for Dr. E.S. Degman, summer 1949. Albino cherry virus diseases are threat to cherry industry in this area. For series of machinery photos of

Southern Oregon Branch Experiment Station see negatives 158-166. (neg. 157E)

5138 Hand mower in action on the Southern Oregon Branch Experiment Station Agronomic Farm. (neg. 164E)

5139 Close-up view of plot mower used at the Southern Oregon Branch Experiment Station. (neg. 165E)

5140 Forage and Seed; ???, July 1950.

At the Red Soils Experimental Area, trials with fertilizers are underway on alta fescue. Here, the two heavy rows of growth on the left (in back of the stake) have received applications of 200 lbs. ammonium nitrate in the spring and 50 lbs. of treble phosphate in the fall. Note the difference in growth as compared to the check rows on the right. Series of photos taken at Red Soils Field Day, July 1950, are covered in 168-173. (neg. 169E)

5141 Horticulture - Small Fruits; ???.

View of small fruit plantings at the Red Soils Experimental Area. For another such view with Field Day visitors looking on, see Red Soils section of file. Negative 170. (neg. 172E)

5142 Horticulture - Tree Fruits; ???, August 1950.

Sprinklers at work in the orchard at the Hood River Branch Experiment Station. (neg. 173E)

5143 Cattle (Range); ???.

neg. 182E; 120 neg.

5144 Bacteriology; ???, Winter 1969.

Scientists injects test sample into gel unit used in the new method to detect the presence of poisons in food. (neg. 185E); 120 neg.

5145 Forage and Seed (Alfalfa); ???, June 1949.

Close-up of alfalfa selection and breeding plot at Klamath Experimental Area. Taken June 1949, this is one of a series of photos taken at Klamath that are included in negatives 191-199. (neg. 191E)

5146 Branch Stations - Klamath; ???, June 1949.

Close-up of alfalfa selection. Taken June 1949. Series of Klamath area scenes are found in 191-199. (neg. 192E)

5147 Food Technology; ???, Winter 1969.

Food Scientist Lois Sather examines new combination of frozen vegetables. (neg. 193E); 120 neg.

5148 Forage and Seed (Alfalfa); ???, June 1949.

J.R. Cowan, assistant agronomist, is shown in the alfalfa selection plot at the Klamath Experimental Area. Other scenes from Klamath related to this subject are found in the series 191-199 taken June 1949. (neg. 197E)

5149 Branch Stations - Klamath; ???, June 1949.

Germination studies conducted by A.R. Halvorson, in charge of soils research at the Klamath Experimental Area. Another view is filed under Soils (negative 199). Series of shots taken at Klamath, 191-199. (neg. 198E)

5150 Soils; ???, June 1949.

Germination studies being made by A.R. Halvorson, in charge of soils research at the Klamath Experimental Area. Another similar shot is filed under Klamath Experiment Area in the Branch Station section. (Negative 198). Other scenes taken at the Klamath Experimental Area in June 1949 are in series 191-199. (neg. 199E)

5151 Horticulture - Small Fruits; ???, Fall 1950.

Diseased blueberry plant with wood mulch. (neg. 202E)

5152 Pastures; ???.

General pasture scene. (neg. 205E)

5153-5154 Dairy Pastures; ???.

5153 General pasture scene. (neg. 206E)

5154 neg. 207E

5155 Forage and Seed (Pastures); ???.

General view of cows on pasture. For other dairy pasture and animal pasture shots look under Livestock and Dairy. See negatives 205-209. (neg. 208E)

5156 Dairy; ???.

General view of cows on pasture. (neg. 209E)

5157 Livestock - Sheep; ???.

General view of sheep on Ladino clover. Used in Station Circular 161, Ladino Clover for Western Oregon. (neg. 210E)

5158-5160 Vegetables; ???, October 1949.

5158 Table beet field on Ingram Island. Used as the cover photo on Station Bulletin 466. Also see 212 and 213. (neg. 211E)

5159 Table beet harvest photo. Ingram Island, October 1949. Mechanical digging, topping, and loading reduces harvesting costs by nearly one-half as compared with pulling and topping by hand labor. Station Bulletin 466. (neg. 212E)

5160 Table beet harvest scene. Ingram Island. October 1949. Station Bulletin 466. Also see 211 and 212 for other table beet shots. (neg. 213E)

5161 Wildlife; ???.

Michael Newton collects a sample of stream water to be analyzed for herbicide concentration. (neg. 214E)

5162 a-d Forage Crops; ???, 1967.

Making the most of the mixed-coniferous forest for increasing forage output. (neg. 216E); 120 neg. (4)

5163 Swine; ???, 1967-68.

Confined brood swine. (neg. 217E)

5164 Botany and Plant Pathology; ???.

Researcher Burton Koch grinds up soybean nodules in oxygen-free chamber. (neg. 218E)

5165 Dairy; ???, Fall 1949.

These three 14-year-old sisters in the dairy herd at Oregon State College have established national production records during their life span. (neg. 219E)

5166 Botany and Plant Pathology; ???.

Plant physiologist Harold Evans injects bacterial extract into tightly sealed, oxygen-free test tube. (neg. 220E)

5167 Dairy; ???, Fall 1949.

Inside shot of promising young animal in College herd. (neg. 223E)

5168 General Research, ???, 1968.

Engineers Leonard Klein (left) and Jesse Harmond check double-belt thresher, one of three basic components of a promising new combine under construction. (neg. 224E); 120 neg.

5169 Forage; ???, 1968.

Thomas Bedell taking sample of Nangeela subclover from test pasture. (neg. 227E); 120 neg.

5170 Forage and Seed; ???.

Alta fescue is being used to real advantage on driveways at the Southern Oregon Branch Experiment Station. See also 232 filed under So. Ore. Branch Station. (neg. 233E)

5171 Beef Cattle; ???, Fall 1970.

Heifers graze on high quality Harney County irrigated pastures in mid-July. (neg. 240E)

5172-5173 Dairy; ???, August 1949.

5172 Wood sugar molasses has shown promise as a dairy cattle feed in research trials. Herdsman at the dairy barn is weighing out molasses feed. Also see negative 242. Station Circular 181, Wood Sugar Molasses for Dairy Cattle summarizes research findings. (neg. 241E)

5173 Cover photo for Station Circular 181, Wood Sugar Molasses for Dairy Cattle. Wood sugar molasses diluted with water and sprinkled over low quality hay proved to be as palatable as cane molasses for dairy heifers. (neg. 242E)

5174-5175 Forage and Seed; ???, July 1950.

5174 General view of tall fescue selection and breeding block established by J.R. Cowan at the Hyslop Agronomic Farm. Series, 245-250. (neg. 245E)

5175 Pollen bags used in fescue breeding by J.R. Cowan at Hyslop Farm. (neg. 246E)

5176 Forage and Seed; ???, August 1950.

Pollen bags in place on tall fescue breeding plots at the Hyslop Farm. J.R. Cowan is project leader. (neg. 247E)

5177 Forage and Seed; ???, July 1950.

Flowering characteristics of tall fescue plants. Taken July 1950 for J.R. Cowan at Hyslop Farm. Other similar shots are on negatives 249 and 250. Series extends from 245 to 250. (neg. 248E)

5178 Vegetables; ???, Summer 1949.

Carrot field on Ingram Island. (neg. 252E)

5179 Forage and Seed; ???, October 1949.

Corn chopper in action on Experiment Station corn plots. Also see 253 under Misc.--Machines for another view. (neg. 254E); negative discarded due to buckling of emulsion

5180-5181 Forage and Seed; ???, July 1949.

5180 Harry A. Schoth, USDA agronomist at the Experiment Station, examines an outstanding field of ladino clover near Medford. Other views in 256 and 257. (neg. 255E)

5181 Close-up of outstanding stand of Ladino clover. Taken July 1949 near Medford. (neg. 257E)

5182 Branch Stations - Southern Oregon; ???, July 1949.

Burnett comes in for a close look in the nursery at the Southern Ore. Branch Experiment Station Field Day. Series, 258-262. (neg. 260E)

5183 Cereals; ???, August 1950.

View of Cascade and Santiam barleys growing side by side at the Hyslop farm. Taken for Wilson Foote, August 1950. Same view, 267. (neg. 266E)

5184 Seed Flax; ???, August 1950.

View of experimental plots following selected spray treatments. Taken for Wilson Foote, August 1950. Same view, 269. Hyslop farm. (neg. 268E)

5185-5187 Cereals; ???, August 1950.

5185 Close-up of promising wheat variety taken at the Hyslop farm in the cereals nursery. Note stiff, straight straw. Taken for Wilson Foote, August 1950. (neg. 270E)

5186 MISSING

5187 General view of cereals nursery at the Hyslop farm. (neg. 271E)

5188-5194 Poultry - Turkeys; ???, August 1950.

5188 Turkeys on pasture at the Experiment Station turkey farm. Taken August 1950 for J.A. Harper. Series of shots taken this day at the turkey farm are found in 273-279. (neg. 273E)

5189 Turkeys on pasture at the Central Station turkey farm. (neg. 274E)

5190 General view of turkey brooder house. Other shots 276 and 277. (neg. 275E)

5191 Turkey brooder house in the background with the Station turkey flock in the foreground. (neg. 276E)

5192 Floor space requirement study. Wire floor. 1 square foot per bird. (neg. 282E)

5193 Floor space study with turkey poults. Three-fourths square foot per bird. Scenes taken in south wing of the turkey brooder house. (neg. 283E)

5194 Floor space study. One-half square foot per poult. (neg. 284E)

5195 Livestock - Swine; ???, Fall 1949.

Wood sugar molasses has shown promise in feeding trials with swine. This pen of pigs was on wood sugar ration. (neg. 289E)

5196-5197 Forage and Seed; ???, Summer 1950.

5196 View of greenhouse plantings of J.R. Cowan as part of his tall fescue breeding program. Field plantings were made later. For another view see 291. (neg. 290E)

5197 Cold frame plantings in tall fescue breeding program. Series, 290-292. Taken for J.R. Cowan, Summer 1950. (neg. 292E)

5198 Livestock - Swine; ???.

Pigs on Ladino clover pasture. (neg. 293E)

5199 Home Economics; ???.

Sample of a fabric made with flax yarns by Joan Patterson. Also see 294-298. (neg. 295E)

5200 Miscellaneous - Equipment; ???, August 1950.

Fertilizer distributor designed by A.S. Hunter for his soils, fertility trials. Series covers 309-312. (neg. 309E)

5201-5202 Branch Stations - Southern Oregon; ???, Summer 1950.

5201 Alfalfa plantings at the Southern Oregon Branch Experiment Station. Note how Talent, right behind stake, has jumped far ahead of another alfalfa variety on the left. (neg. 317E)

5202 Value of IPC for weedy grass control is shown in this alfalfa row planting at the So. Ore. Branch Experiment Station. IPC was used on rows left of stake; weedy rows at the right of the stake were untreated. (neg. 318E)

5203-5204 Hops; ???, Summer 1950.

5203 General view of the experimental hop yards. (neg. 324E)

5204 Visitors at the 1950 Field Day get down for a good look at hop trials. (neg. 326E)

5205 Horticulture - Small Fruits; ???.

George F. Waldo inspects berry varieties at the horticultural farm. (neg. 328E)

5206-5207 Vegetables; ???, Summer 1949.

5206 Carrot harvest, Ingram Island. (neg. 329E)

5207 Carrot harvest scene on Ingram Island. Taken Summer 1949 for use in the bulletin, Cost of Producing Carrots. (neg. 330E)

5208 Branch Stations - Southern Oregon; ???, Summer 1950.

Barren, dark spot indicates effects of arsenic soil effects on crops in Southern Oregon. (neg. 337E)

5209-5214 Hops; ???, August 1950.

5209 Series of hop analysis pictures taken August 1950 covers 340-346. Here, Robert A. Magee, runs a hop sample. (neg. 340E)

5210 Equipment used in hop analysis. Taken as a series for a display presented by Experiment Station hop research workers at Washington. (neg. 241E)

5211 Robert A. Magee, in charge of hop analysis work, is shown running a sample. (neg. 342E)

5212 Piece of equipment used in hop analysis. (neg. 343E)

5213 Equipment used by Robert A. Magee, agricultural chemistry, in hop analysis work. (neg. 344E)

5214 Equipment used in hop analysis research by Robert A. Magee, agricultural chemistry. (neg. 346E)

5215 Poultry - Turkeys; ???, Spring 1950.

Checking the size opening of the oviduct as a means of predicting time of egg production. Also see 348 and 349. (neg. 347E)

5216 Branch Stations - Southern Oregon; ???, Summer 1950.

Tree being used in pear breeding experiments. (neg. 350E)

5217 Horticulture - Tree Fruits; ???, Summer 1950.

Sprinkler system in action in orchard near The Dalles. (neg. 351E)

5218-5220 Branch Stations - Sherman; ???, Summer 1950.

5218 Crowd at 1950 Field Day examine trial plantings. (neg. 352E)

5219 Crowd at 1950 Field Day. (neg. 353E)

5220 Wind break plantings. (neg. 354E)

5221 Branch Stations - Hood River; ???, July 1950.

Sprayer in action at the Branch Station. For other Branch Station scenes taken this day (July 1950) see Horticultural--Tree Fruits section as well. (neg. 357E)

5222-5223 Horticulture - Tree Fruits; ???, Summer 1950.

5222 Especially effective for knocking down cover crop under orchard trees is this new rig. Summer 1950 at the Hood River Branch Experiment Station. (neg. 358E)

5223 Sprayer in action at the Hood River Branch Experiment Station. (neg. 360E)

5224 Horticulture - Tree Fruits; ???, Summer 1949.

Isolation orchard at The Dalles used in virus studies. For virus photos, also see Branch Stations-The Dalles. (neg. 363E)

5225-5227 Branch Stations - The Dalles; ???, Summer 1949.

5225 Competition of tree and cover crop for moisture. (neg. 366E)

5226 The value of chemical injections to shock the cherry virus into inactivity is being tested.

Another view, 364. (neg. 367E)

5227 Diseased cherry tree--Summer 1949. (neg. 368E)

5228 Field Crops; ???, November 1950.

General view of corn fertilizer plot at Granger. (neg. 377E)

5229-5230 Livestock - Swine; ???, November 1950.

5229 General view of swine feeding at OSC hog barns. (neg. 387E)

5230 Swine at the OSC hog barn. (neg. 388E)

5231-5232 Poultry; ???, February 1951.

5231 Dr. J.E. Parker, head of poultry department, shows a rooster with an ideal comb. Series runs from 389 through 392. (neg. 389E)

5232 Examples of deformed eggs. (neg. 391E)

5233-5237 Poultry; ???.

5233 Cooney litter tests. (3 prints and 3 neg. 398-400E)

5234 neg. 401E

5235 neg. 402E

5236 neg. 403E

5237 neg. 404E

5238 Beef Cattle; ???, September 1970.

Black Angus bull. Reasons Photo. (3-1-55). (neg. 405E)

5239-5246 Field Crops; ???, March 1951.

5239 General view of tall fescue breeding nursery at Granger farm. Series runs from 410 through 417. (neg. 410E)

5240 Dr. Ritchie Cowan examines a young plant of tall fescue at Granger. (neg. 411E)

5241 General view of grass breeding nursery at Granger. (neg. 412E)

5242 neg. 413E

5243 neg. 414E

5244 neg. 415E

5245 neg. 416E

5246 neg. 417E

5247-5250 Fisheries & Wildlife; ???, February 1951.; negatives discarded due to buckling of emulsion

5247 Carl Bond, assistant biologist who is in charge of eradication of Brazilian waterweed from coastal lakes, and his laboratory specimens of the menace. Series runs from 418 through 422. (neg. 418E)

5248 Bond and his waterweed experiments. (neg. 419E)

5249 Laboratory equipment for waterweed project. (neg. 420E)

5250 Specimens of Brazilian waterweed in the laboratory. (neg. 421E)

5251 Radioactive Isotopes - Ag. Chemistry; ???.

Dr. Fang uses a laboratory monitor to check radioactivity of a sample. (neg. 433E)

5252 Horticulture - Fluorine studies - Ag. Chemistry; ???, 1950.

Gladiolus plots used in tests of fluorine damage to certain Oregon horticultural crops. (neg. 448E)

5253 Miscellaneous - Unidentified; ???.

Field of grain. (neg. 449E)

5254 Food Technology; ???.

Grinder used by food technologists. (neg. 450E)

5255-5257 Food Technology; ???, May 1951.

5255 Equipment used by Ruth Miller of Food Tech. dept. in studies with filberts. (neg. 452E)

5256 Compressed cranberries on right compared to normal berries (left). (neg. 453E)

5257 Roaster used in processing nuts. (neg. 454E)

5258 Food Technology; ???.

Unidentified--cherry processing photo. (neg. 456E)

5259 Miscellaneous; ???.

Unidentified harvest scene. (neg. 458E)

5260 Horticulture - Ag. Chemistry; ???, 1950.

View of fluorine project in 1950, showing gladioli plots and fumigation house. Taken by project workers and made from Kodachrome slide. (neg. 459E)

5261 Food Technology; ???.

Cherry processing scene--otherwise unidentified. (neg. 461E)

5262 Horticulture - Fluorine - Ag. Chemistry; ???, 1950.

Equipment used in studies of fluorine damage to crops from industrial plants in certain areas of Oregon and Washington. Taken by project workers and converted from Kodachrome. (neg. 462E)

5263-5269 Miscellaneous - Potato Greenhouses; ???, February 1951.

5263 New potato greenhouses were constructed at OSC in 1951 for use as certification center for potato seed. Also used by station for other research. Contractor John Thompson here looks over the heating plant for the five-unit greenhouse battery. Series taken February 1951 runs from 466 through 477. (neg. 466E)

5264 Contractor Thompson looks over the heating unit for the certification greenhouses. (neg. 467E)

5265-5269; negatives discarded due to buckling of emulsion

5265 Front view of battery of new greenhouses constructed in 1951. (neg. 468E)

5266 Elmer Johnson and Dr. Roy Young examine potato plantings inside one of the new greenhouse units. (neg. 469E)

5267 Interior view of potato plantings in new potato certification greenhouse-1951. (neg. 470E)

5268 Elmer Johnson (left) and Dr. Roy Young check potato plants for signs of disease. (neg. 471E)

5269 Dr. Young and Elmer Johnson inside potato certification greenhouse. (neg. 473E)

5270 Field, Forage, Seed; ???, June 1951.

Close-up shot of bagging and tagging technique used by Cowan in tall fescue breeding project. (neg. 482E)

5271 Cereals; ???.

Winter wheat varieties taken at the Hyslop farm 1950-51 crop year. Holland variety on left; Staring variety on right. (neg. 483E)

5272-5274 Field, Forage and Seed; ???, June 1951.

5272 Tall fescue breeding plots at Granger. (neg. 485E)

5273 Tall fescue breeding nursery at Granger. (neg. 486E)

5274 General view of tall fescue breeding nursery at Granger. (neg. 487E)

5275 Grasses - Lawns; ???, April 1952.

View of renovated lawn in Corvallis after job was completed. Taken April, 1952, for Lawn publication. (neg. 489E)

5276-5281 Branch Stations - Southern Oregon; ???, June 20, 1951.

5276 General view of experimental plots of alfalfa taken at the Southern Oregon branch station agronomy farm at Talent. (neg. 496E)

5277 Branch station worker stands in experimental field of Harding grass which has not received fertilizer treatment. Compare with 495. (neg. 497E)

5278 General view of experimental plantings of alfalfa at the Southern Oregon Branch Experiment Station. (neg. 499E)

5279 Station worker at S. Ore. Br. Sta. stands on plot line between test plots of alta fescue showing the difference between fertilization and non-fertilization (right). (neg. 502E)

5280 Harry Schoth explains forage plantings to field day crowd at the Southern Oregon branch station agronomy field day June 20, 1951. (neg. 503E)

5281 Station worker at S. Ore. branch station stands on plot line between Talent alfalfa plot and other variety. (neg. 505E)

5282-5289 Forage and Seed (Lawns); ???, May 1951.

5282 Hal Schudel, research assistant, renovated a Corvallis lawn in the spring of 1951. Series of photos runs from 506 through 513, showing the initial stages in the renovation process. Later series will show final stages. Here, Schudels assistants are applying lime (broadcast) and phosphate (spreader) to the subsoil before topsoil was added. (neg. 506E)

5283 Applying lime and phosphate to the subsoil. (neg. 507E)

5284 Applying a layer of sawdust one-inch thick to the soil before rototilling. (neg. 508E)

5285 Rototilling sawdust, lime and phosphate into the soil of a lawn. (neg. 509E)

5286 Appearance of the lawn after the old sod has been removed. (neg. 510E)

5287 Removal of old sod with undesirable grass from the lawn area. (neg. 511E)

5288 A view of undesirable lawn grasses in a back yard. Also shows first phase of renovation process-removing the sod. (neg. 512E)

5289 Gadget used for removing sod in renovation of a lawn. It is a converted lawn mower with a knife-like edge. (neg. 513E)

5290 Grasses - Lawns; ???, May 1952.

A badly mixed lawn in need of renovation. Taken May, 1952, for lawn publication. (neg. 520E)

5291 Cereals; ???, 1950-51.

General view of the 1950-51 cereal nursery at the Hyslop farm. (neg. 521E)

5292 Grasses - Lawns; ???, May 1952.

Proper method of applying lawn fertilizer with spreader. Taken May 1952 for lawn publication. (neg. 522E)

5293 Cereals; ???, 1950-51.

Winter wheat varieties taken at the Hyslop farm 1950-51. Variety at left is Holland. Short, well-matured variety in center is Norin-10. (neg. 523E)

5294-5298 Poultry - Turkeys; ???, May 1951.

5294 100 turkey poults in a pen with electric hover where each bird has one square foot of floor space. (neg. 528E)

5295 Professor Harpers tests using infra-red light in raising turkey poults show that the birds tend to prefer the infra-red pyrex light (left) to the soft infra-red light on the right for heat. Birds in this pen allotted one-half square feet apiece. (neg. 530E)

5296 Turkey poults on left huddle under infra-red light. Each allotted one square foot of floor space. (neg. 531E)

5297 J.A. Harper has done work on crowding of turkey poults. Shown here are 200 poults in a pen with an electric hover. Each bird has square foot of floor space. (neg. 532E)

5298 150 turkey poults in a pen with electric hover where each bird has square foot of floor space. (neg. 533E)

5299-5300 Dairy Manufacturing (Cottage Cheese); ???.

5299 Birdseye view of cottage cheese salad. (neg. 535E)

5300 Another view of cottage cheese salad. (neg. 536E)

5301-5303 Farm Crops (Grasses); ???, May 1951.

5301 Close-up view of techniques used by J.R. Cowan in breeding work on tall fescue. Series runs from 554 through 557. Another series on same subject begins 594. (neg. 554E)

5302 Equipment used by Dr. Cowan in controlled breeding experiments with tall fescue. Large box in center contains hot water. (neg. 555E); no negative

5303 General view of Dr. Cowans tall fescue plantings at Hyslop agronomy farm. (neg. 556E)

5304 Farm Crops (Grasses); ???, June 1951.

View of tall fescue experimental plots with sacks placed over heads of plants. (neg. 557E)

5305 Horticulture; ???, June 1951.

Walt Mellenthin, research assistant, examines dwarf apple plantings at Lewis Brown horticultural farm. Series runs from 585 through 587. (neg. 585E)

5306 Dairy (Vet Medicine); ???.

Udder of a dairy cow with gangrenous mastitis. (neg. 591E)

5307 Horticulture; ???.

Straw mulch on berries. (neg. 592E)

5308-5310 Farm Crops (Grasses); ???, June 1951.

5308 Close-up of tall fescue plant showing sacking and tagging procedures used by Dr. J.R. Cowan in controlled breeding experiments. Series runs from 594 through 597. (neg. 594E)

5309 Tall fescue selections at Hyslop agronomy farm. (neg. 596E)

5310 General view looking south across tall fescue planting at Hyslop agronomy farm. This planting is believed to be the largest of its kind in the world. (neg. 597E)

5311 Weed Control; ???, June 1951.

An example of weed control experiments being conducted by Virgil Freed, associate agronomist. Left of Carl Maskey of the Oregon Journal is a plot of clover treated with IPC. Right is clover planted at the same time and not treated. Notice the heavy growth of rye grass. Taken at farm crops field day June, 1951. (neg. 598E)

5312-5326 Food Technology; ???, June 1951.

5312 Procedure used in packaging a roaster chicken for freezing is shown in series running from 601 through 605. Here, the plastic bag is opened to receive the chicken. Note the prepared label which also goes into the bag. Series taken June 1951 for Food Tech publication. (neg. 601E)

5313 Roaster is placed inside plastic bag and bag fitted tightly around the bird. (neg. 602E)

5314 Air is forced from the plastic bag by lowering the bag and chicken into water. (neg. 603E)

5315 After the air is forced out of the plastic bag, the neck of the bag is twisted to eliminate slackness. (neg. 604E)

5316 Final step in packaging the roaster is to seal off the plastic bag by wrapping a rubber band around the twisted neck of the bag. End of series. (neg. 605E)

5317 The butchers wrap used to prepare meat for the locker is shown in the series running from 606 through 610. The meat, wrapped in this style, is

laid at an angle near one corner of the paper as shown. Series taken June 1951 for Food Technology publication. (neg. 606E)

5318 One corner of the paper is folded across the meat and the right side is tucked in first. (neg. 607E)

5319 The meat is rolled over after the edge is tucked in. Then the same procedure is repeated on the left side. (neg. 608E)

5320 Final step in the drug store wrap, except for marking as shown in the series on the butchers wrap, is to fasten the pointed ends to the package with sticky tape of some sort. End of series. (neg. 615E)

5321 The left side is tucked in and the rolling procedure again repeated until all paper is used. (neg. 609E)

5322 After wrapping is complete, the meat should be labeled as to kind, date wrapped, and the locker number. End of series. (neg. 610E)

5323 The confectioner or drug store wrap for meat is shown in the series running from 611 through 615. Here, the meat is laid squarely on the wrapping paper as the first step. Taken June 1951 for Food Technology publication. (neg. 611E)

5324 Second step in the drug store wrap is to bring the two ends of the paper together in the center above the meat. They are then folded to tighten the wrapping. (neg. 612E)

5325 After folding the two loose ends of the wrapping paper, they are flattened and fastened down. (neg. 613E)

5326 Next step is to fold the ends into a point before bending them back on top of the package. (neg. 614E)

5327 Poultry - Turkeys; ???, May 1951.

J.A. Harpers tests with turkey poults showed that the young birds preferred the infra-red pyrex light (left) to the soft infra-red light (right) for heat. (neg. 616E)

5328-5329 Branch Stations - Crops; ???, June 195.

5328 Employee at S. Ore. Branch Station shows the height of Alta Fescue when fertilized with ammonium sulfate. (neg. 621E)

5329 Employee at S. Ore. Branch Station shows height of Alta Fescue when no fertilizer added. (neg. 622E)

5330 Food Technology - Beans; ???, June 1951.

E.M. Litwiller of food tech has dried bean project. Flasks contain dried and undried beans. (neg. 623E)

5331-5336 Horticulture - Vegetables; ???, July 1951.

5331 General view of melon planting at Beech farm. Dr. Fraziers project. (neg. 624E)

5332 General view of onion and sweet corn experimental plots at Beech farm. (neg. 628E)

5333 Tomato plants showing effect of disease (see Frazier) on left. Healthy plant on right. (neg. 629E)

5334 Experimental tomato plant at the college Beech farm. Dr. Fraziers project. (neg. 630E)

5335 neg. 631E

5336 General view of vegetable research plots at the Beech farm. (neg. 634E)

5337-5340 Grasses - Lawns; ???, April 1952.

5337 Lawn area behind Commerce hall on OSC campus shows mottled effect resulting from velvet grass moving in to take over. (neg. 651E)

5338 Example of one method for handling a steep slope in a lawn. Ivy planted on slope instead of grass. (neg. 652E)

5339 Example of poorly kept lawn where leaves have not been raked. Taken April 1952, for lawn publication. (neg. 659E)

5340 H.L. Studel points out the suggested height of cutter bar on lawn mower for proper cutting of lawn. Forefinger indicates 2 inches as best height. Taken April 1952, for lawn publications. (neg. 660E)

5341 Chrysanthemums; ???, October 25, 1951.

General view of the experimental plots for chrysanthemum research at the Lewis-Brown horticulture farm. (neg. 662E)

5342 Livestock - Hogs; ???, September 26, 1951.

Specially designed hog pen at OSC hog barn. (neg. 663E)

5343 Poultry - Turkeys; ???, October 26, 1951.

General view of OSC experimental turkey flock. (neg. 666E)

5344 a-b Grasses - Lawns; ???, April 1952.

5344a H.L. Schudel points out proper height for cutter bar when mowing lawn. Taken April 1952, for lawn publication. (neg. 671E)

5344b H.L. Schudel demonstrates the proper method of adjusting the height of the cutter bar on the ordinary lawn mower. Taken April 1952, for lawn bulletin. (neg. 672E)

5345-5351 Weed Control - Ragweed; ???, Summer 1951.

5345 Ragweed infestations have gotten a start in certain areas of Oregon. One is Clackamas county where the hay fever weed was first noticed. Series from 673 to 679 shows some of the ragweed infestation in Clackamas county. Badly infested strawberry field is inspected by Jack McDermid of Red Soils exp. area, R.W. Henderson, asst. to director, and Clive Cook, Clackamas county extension agent. (neg. 673E)

5346 Closeup of individual plant of ragweed. (neg. 674E)

5347 Ragweed plants growing at edge of field in Clackamas county. (neg. 675E)

5348 Jack McDermid, left, superintendent of Red Soils experimental area, and Clive Cook, Clackamas county extension agent, inspect a large ragweed plant growing on a Clackamas county farm. (neg. 676E)

5349 Jack McDermid and Clive Cook with a ragweed plant on a Clackamas county farm. (neg. 677E)

5350 McDermid, Cook, Henderson, left to right, examine a strawberry planting badly infested with ragweed. (neg. 678E)

5351 Clive Cook and Bob Henderson in a Clackamas county field with heavy ragweed infestation. End of series. (neg. 679E)

5352 Horticulture - Fluorine Studies - Ag. Chemistry; ???, July 10, 1951.

Hydrogen fluoride fumigation equipment used to test damage by fumes to crops. (neg. 681E)

5353 Forage Crops; ???, May 1952.

Proper method of applying fertilizer to the lawn with spreader is demonstrated. Taken May, 1952, for lawn publication. (neg. 682E)

5354-5356 Hops; ???, July 10, 1951.

5354 Dignitaries at hops field day at OSC experimental hop yard. From left: Ken Keller, Dr. W.G. Keyworth of England, and Dean F.E. Price. (neg. 683E)

5355 Hop field day visitors with Dean F.E. Price. From left: Price; W.G. Keyworth, English scientist; and Dean Walker, state legislator and hop grower. (neg. 684E)

5356 Hop field day visitors look over experimental hop yard at OSC. (neg. 685E)

5357-5361 Dairy Manufacturing; ???, March 1952.

5357 Creamery employee stirring cottage cheese in mixing tank. (neg. 694E)

5358 neg. 695E

5359 George Jacobsen, Manager Lucerne Milk Company, trenching cottage cheese in the vat for draining. (neg. 696E)

5360 Cottage cheese trenched in vat for draining. (neg. 697E)

5361 George Jacobsen, Manager Lucerne Milk Company, and cottage cheese. (neg. 698E)

5362-5365 Sheep; ???, Spring 1952.

5362 Series from 704 to 710 inclusive was taken in Spring of 1952 for Dr. A.C. Warnick. Suffolk yearling ewe eating from feeder of OSC electric lamb brooder. The lambing pen (4x4) is attached to the lamb brooder. (neg. 704E)

5363 Suffolk yearling ewe with lamb at side in lambing pen attached to electric lamb brooder. (neg. 705E)

5364 Suffolk yearling ewe with lamb in lambing pen showing the feeding space and watering pan which is a part of the lamb brooder. (neg. 706E)

5365 Lambs eating from feeders (grain) in the OSC sheep barn lamb creep. Hampshire and Southdown lambs on the inside. (neg. 707E)

5366-5369 Grain Crops; ???, March 23, 1952.

5366 Federation wheat at the Hyslop Agronomy Farm sprayed with 2,4-D ester at the rate of 1# per acre in 40 gallons of water. The spray was applied when the plants had three leaves. (neg. 711E)

5367 Federation wheat the same as picture 711 in on the right of the white stake. A check plot with no treatment is on the left of the stake. (neg. 712E)

5368 neg. 713E

5369 Federation wheat at the Hyslop Agronomy Farm sprayed with 2,4-D ester at the rate of 1# per acre in 40 gallons of water. The spray was applied when the plants had three leaves (Same as 711. This was taken in replication II while 711 was taken in replication I is the only difference between 711 and 714). (neg. 714E)

5370-5375 Swine; ???.

5370 Some commonly-used Hog Barn Equipment. L. to r.: Snubbing rope, Braided wire snubber, Hormone-type ringer and rings, Hoof trimmer and Emasculator. (neg. 715E)

5371 Ear notching pigs at birth serves as a means of identification. (Geo. M. Crooks) (neg. 716E)

5372 neg. 717E

5373 Young pigs should have their needle teeth clipped to prevent injury. (Geo. M. Crooks) (neg. 718E)

5374 A method of holding for castration. (James E. Oldfield & Geo. M. Crooks) (neg. 719E)

5375 Sows should be thoroughly washed, as shown, before being placed in a clean pen for farrowing. (neg. 720E)

5376-5379 Forage Crops - Lawns; ???, April 1952.

5376 Effective use of brick retaining wall is shown in this view of a Corvallis lawn. (neg. 722E)

5377 Corvallis home lawn showing brick retaining wall used to good advantage. (neg. 723E)

5378 Illustration of settling by a newly planted lawn. (neg. 724E)

5379 Settling in a newly planted lawn with a cement retaining wall. (neg. 725E)

5380-5386 Swine; ???, 1952.

5380 Tom Johnson, swine herdsman, demonstrates correct ear-notching technique for pigs. (neg. 726E)

5381 Tom Johnson, swine herdsman, demonstrates proper tooth-cutting technique on small pigs. (neg. 727E)

5382 Tom Johnson, swine herdsman, demonstrates proper ear-notching technique on small pig. (neg. 728E)

5383 Tom Johnson, swine herdsman, shows how to clip teeth of pig. (neg. 729E)

5384 Tools necessary for handling and management of swine. See 715 for identification. (neg. 730E); two 4x5 negatives

5385 Litter of pigs in OSC brooder with light above. (neg. 731E)

5386 Pen of diseased swine at OSC hog barn. Taken for J.E. Oldfield. (neg. 733E)

5387-5391 Fur Farming; ???, 1950.

5387 Exterior view of the first new pelter type building constructed at the OSC fur farm in 1950. (neg. 737E)

5388 Interior view of the new pelter type building at the OSC fur farm. Shows type of pens used. (neg. 738E)

5389 General interior view of the new pelter building at the OSC fur farm. (neg. 739E)

5390 Exterior view of the new type breeder building at the OSC fur farm. (neg. 740E)

5391 Interior of the new breeder building with nest boxes on the outside of the pens. (neg. 741E)

5392-5393 Tree Fruits - Plums; ???, 1951.

5392 Orchard planting of wild plum at the Lewis-Brown farm. (neg. 758E)

5393 neg. 759E

5394-5398 Fish and Game - Aquatic Weeds; ???, 1950.

5394 Experiments have been made to determine methods of ridding coastal lakes of Brazilian waterweed, a pest which clogs the lakes and prevents their use for any commercial or recreational purposes. Here is a mobile weed-cutter in action. Series 761-766 inclusive. (neg. 761E)

5395 Waterweed problem on one of Oregons coastal lakes. (neg. 762E)

5396 Waterweed cutter in action on a coastal lake. (neg. 763E)

5397 Close-up of weed cutter. (neg. 764E)

5398 Close-up view of equipment used in experiment on control of Brazilian waterweed in coastal lakes. (neg. 765E)

5399 Tree Fruits - Peaches; ???, Spring 1952.

Special cage used in breeding experiments by Dr. Q.B. Zielinski. Allows isolation of tree for controlled breeding. Spring 1952, Lewis-Brown farm. (neg. 772E)

5400 Fish and Game - Aquatic Weeds; ???.

General view of coastal lake infested with Brazilian waterweed. (neg. 766E)

5401 Tree Fruits; ???, Spring 1952.

Plum tree in bloom at the Lewis-Brown Horticulture farm. (neg. 774E)

5402 Miscellaneous; ???, 1951.

All-metal farm service building constructed south of the OSC beef barn. (neg. 778E)

5403-5405 Grasses - Lawns; ???, Spring 1952.

5403 Equipment needed for preparing a seedbed for a good lawn. From left, roller, rake and drag. Taken for H.L. Schudel spring 1952. (neg. 780E)

5404 Equipment needed for preparing a seedbed for a home lawn. From left, roller, rake, drag. Taken spring 1952 for H.L. Schudel. (neg. 781E)

5405 Equipment for preparation of seedbed for lawn. From left, roller, rake, drag. Taken in spring 1952 for H.L. Schudel. (neg. 782E)

5406 Tree Fruits - Plums; ???.

Native Oregon plum growing as a hedge at the Lewis-Brown farm. (neg. 783E)

5407 Weed Control; ???.

Good response was obtained when alta fescue was treated in the fall with 3 pounds of IPC and 480 pounds of cyanamid per acre to control weedy annual grasses. Dark strips are the treated areas. (neg. 784E)

5408-5409 Dairy; ???, 1951.

5408 J.O. Young, dairy research assistant, making a solids-not-fat test on a milk sample using the Majonnier machine. (neg. 786E)

5409 J.O. Young, foreground, dairy research assistant, makes a solids-not-fat test on a milk sample while S.H. Dalal, research assistant, determines the protein in a milk sample using the formal titration process. Both are working with Dr. G.A. Richardson on composition of cow's milk study. (neg. 788E)

5410-5412 Dairy Manufacturing; ???, 1951.

5410 Automatic bottling machine in action at a Corvallis bottling plant. (neg. 795E)

5411 Paper bottling machine in action at a Corvallis bottling plant. (neg. 796E)

5412 Front view of paper bottling equipment at a Corvallis milk bottling plant. (neg. 797E)

5413 Forage Crops; photo by Robert Birdsall, July 1954.

Leafy, high yielding Vernal alfalfa from the Midwest is among new wilt resistant varieties on test at Malheur branch experiment station. (neg. 814E)

5414 Branch Stations; photo by Robert Birdsall, July 1954.

Malheur branch experiment station visitors watch A.S. Hunter, OSC soils scientist, demonstrate combine designed to harvest experimental grain plots. (neg. 816E)

5415 Forage Crops; photo by Robert Birdsall, July 1954.

High-yielding, wilt resistant Orestan alfalfa (right) made fast recovery from June 12 cutting and was knee-high to Neil Hoffman, Malheur branch experiment station superintendent, at July 8 field day. While other popular varieties, including Ladak (left) have fallen prey to bacterial wilt in four-year trials, Orestan remained vigorous and yielded nearly three tons on first cutting this year. John Downes, station researcher stands in Ladak plot where weeds are encroaching in thinning stand. (neg. 818E)

5416 Grain Crops; photo by Robert Birdsall, July 1954.

Twenty varieties of barley and 36 of oats were under trial at Malheur branch experiment stations 1954 field day. Neil Hoffman (left) examines test strip of Bonneville barley-a stiff-strawed high-yielding variety recommended for the area-that has averaged 91 bushels per acre for eight years. Dick Johnson, station employee, stands behind strip of Trebi. Once the areas standby, Trebi is subject to lodging and fell 15 bushels below Bonneville in the eight year trials. (neg. 819E)

5417-5418 Forage Crops; photos by Robert Birdsall, July 1954.

5417 Bill Southworth (left) Seneca rancher, and Scott Cooper, Squaw Butte-Harney branch experiment station agronomist, examine heavy stand of high protein white tip clover mixed with rush-sedge on flood meadow during July 1 field day. Cooper is boosting clover yields with phosphate fertilizer and sedge growth with nitrogen. (neg. 821E)

5418 Fall-applied phosphate fertilizer is converting typical rush-sedge meadow to lush stands of high protein white-tip clover at Squaw Butte-Harney branch experiment station near Burns. Scott Cooper, station agronomist, shows how heavy growth makes mowing a problem-he is now testing new-type mower guard. (neg. 822E)

5419 Weed Control; photo by Robert Birdsall, July 1954.

Two pounds per acre of 2,4-D (amine form) effectively killed weeds with no damage to corn plants or yields in two-year trials at Malheur branch experiment station. Examining results at recent field day is John Downes, newly-appointed station researcher in weed control and soil fertility. (neg. 823E)

5420-5422 Potatoes; photos by Robert Birdsall, July 1954.

5420 Malheur branch experiment station field day visitors view practical demonstration under direction of county extension agent Turner Bond on comparing plants and yields from certified seed and from seed one year out of certification. (neg. 824E)

5421 Possible effects of planting potato seed one year out of certification were demonstrated at Malheur field day in plots supervised by county extension agent Turner Bond (right). Visiting potato researcher Walter Sparks from Aberdeen, Idaho, branch experiment station, examines plant diseased with green dwarf which, along with leafroll and mosaic, took 20 percent plant toll in uncertified plants. (neg. 825E)

5422 Small yield (left) shows results of leafroll disease in potatoes one year out of certification in test plots at Malheur branch experiment station. Turner Bond, Malheur county extension agent in charge of the potato project, said plantings of certified seed (right) showed no loss from leafroll, mosaic, and green dwarf that took 20 percent toll in plants from uncertified seed. (neg. 826E)

5423-5434 Forage Breeding; ???, March 1955.

5423 General view of Bio-Chemical nursery at Hyslop Agronomy farm. Field is clipped and ready to start the series of harvests that will continue through the next twelve months. (neg. 829E)

5424 Dr. J. Ritchie Cowan, right, discussing his tall fescue program with Robert Alexander. Bio-Chemical nursery extends to the right and to the left of them. (neg. 830E)

5425 Culture 288, in isolation plot number 14 at Adair, showing spring growth from F₁ seed, and showing the type of cages that were constructed around each plot to keep the deer away. (neg. 831E)

5426 neg. 832E

5427 General view of tall fescue breeding nursery soon after lundelling. (neg. 833E)

5428 Dr. J. Ritchie Cowan, left, showing Robert Alexander some of the tall fescue breeding material. The African material being observed showed outstanding winter growth when compared with other tall fescue types. (neg. 834E)

5429 General view of tall fescue breeding nursery soon after lundelling. (neg. 835E)

5430 neg. 836E

5431 General view of the Bio-Chemical nursery at the Hyslop Agronomy farm. Field is clipped and ready to start the series of harvest that will continue for the next twelve months. (neg. 838E)

5432 neg. 839E

5433 neg. 840E

5434 Culture 288, in isolation plot number 14 at Adair, showing spring growth from F₁ seed, and showing the type of cages that were constructed around each plot to keep the deer away. (neg. 831E)

5435-5437 Forage Breeding; ???, June 1955.

5435 J. Ritchie Cowan examining Culture 288 in isolated plot at Adair. (neg. 842E)

5436 General view of large nursery at Hyslop Agronomy farm. Right of picture is Block two, having been lundelled every three weeks for past two years. Left of picture is Block one, about 3 weeks before lundelling at hay stage. (neg. 843E)

5437 Dr. J. Ritchie Cowan examining choice plants in Tall Fescue Breeding Nursery. (neg. 845E)

5438-5439 Soils; ???.

5438 Left--stubble mulch field at the Lester King Pilot Farm near Pendleton. (neg. 849E)

5439 neg. 850E

5440 Swine; ???.

View of individual pens used for hog experiments. (neg. 852E)

5441 Beef Cattle; ???.

Pelleted food left; not pelleted right. (neg. 853E)

5442-5448 Irrigation, Water; ???.

5442 Effect of nitrogen and irrigation on corn height and root are shown in 860 and 861 in comparison with 862 and 863. Number 860 is height and 861 is root depth. (neg. 860E)

5443 Effect of nitrogen and irrigation on corn height as shown in 860 and root depth as shown in 861. Compare with 862 and 863. (neg. 861E)

5444 Effect of little fertilization, mismanagement of water on height. See 860, 861 and 863. (neg. 862E)

5445 Effect of little fertilization, mismanagement of water on root depth. See 860, 861 and 862. (neg. 863E)

5446 View of overhead sprinkling designed for sweet corn experiments, East farm. (neg. 864E)

5447 neg. 865E

5448 neg. 866E

5449 Dairy Manufacturing; ???.

Making butter at the OSC Dairy Plant. (neg. 870E)

5450 Dairy Husbandry; ???.

Making cheese at OSC Dairy Plant. (neg. 871E)

5451-5452 Beef Cattle; ???.

5451 The bull on the left is capable of passing on to his off-spring ability to convert feed to beef at the rate of 2.5 pounds per day compared to animal at right, which has only the ability to gain 2 pounds per day. Note that this ability is genetic. It cant be seen since both animals look alike. (neg. 881E)

5452 neg. 882E

5453 Branch Station; ???.

Don Hyder checks live rabbit brush growing next to dead sage on Squaw Butte Range. (neg. 885E)

5454 Beef Cattle; ???.

The bull on the left is capable of passing on to his off-spring ability to convert feed to beef at the rate of 2.5 pounds per day compared to animal at right, which has only the ability to gain 2 pounds per day. Note that this ability is genetic. It cant be seen since both animals look alike. (neg. 886E)

5455-5461 Ag. Engineering; ???.

5455 Rear view of small plot thresher developed by Dr. A.S. Hunter, Soils. (neg. 867E)

5456 Dale Kirk, Ag. Engineer, straightens a kink out of the irrigation pipe using his hydraulic water pressure pump he developed. (neg. 874E)

5457 neg. 875E

5458 Pump begins to straighten out at 50 pounds per sq. inch pressure. Also see 876, 878, 879, and 880. Dale Kirk, Ag. Engineer, is taking kink out of pipe with hydraulic water pump he invented. (neg. 877E)

5459 Pipe is almost straightened out at 500 pounds pressure. Also see 876, 877, 879, and 880. Dale Kirk, Ag. Engineer, is taking kink out of pipe with hydraulic water pump he invented. (neg. 878E)

5460 You can hardly see kink at 600 pounds per sq. inch pressure. (neg. 879E)

5461 Kink removed at 700 pounds per sq. inch pressure. (neg. 880E)

5462 Branch Station; ???, 1953.

Farmers attending Crow Pilot Farm field day, 1953. View wheat fertility trials. (neg. 887E)

5463 Ag. Engineering; ???.

Side view of small plot combine developed by Dr. Albert S. Hunter. (neg. 899E)

5464-5465 Horticulture; photos by Robert Birdsall, August 1953.

5464 J.R. Kienholz, USDA plant pathologist at the Mid-Columbia experiment station, Hood River, compares healthy pear (left) with distorted fruit infected with stony pit virus which caused 15 percent loss of Oregons 1953 Bosc pear production. (neg. 805E)

5465 J.R. Kienholz, USDA plant pathologist at the Mid-Columbia experiment station, Hood River, shows effects of heavy apple scab outbreak during summer of 1953. (neg. 806E)

5466 Small Fruits; photo by Robert Birdsall, July 1954.

The Canby raspberry, recently released by Oregon State College, produces large berries under Malheur county growing conditions and has smooth cane (upper) contrasted with the thorny or spined-cane raspberry varieties illustrated here with a cutting from a Washington. (neg. 815E)

5467 Tree Fruits; photo by Robert Birdsall, August 1954.

Golden Delicious apples growing on Malling IX, or true dwarf rootstock, are examined at Mid-Columbia branch experiment station field day, August 4, by station superintendent Walt Mellenthin (kneeling) and Hood River fruit growers Dan Pierson (left) and Dan Hanners. (neg. 828E)

5468-5469 Turkeys; ???.

5468 Turkeys just hatched from OSC experimental hatchery. (neg. 848E)

5469 Dr. E.M. Dickinson, Head of Veterinary Medicine. He is injecting a tom turkey for turkey erysipelas with a vaccine. (neg. 851E)

5470 Small Fruits; ???.

Effect of mulching on blueberries on Lewis Brown farm. (neg. 858E)

5471 Tree Fruits; ???.

Dr. A.R. Roberts examining dwarf apple hedge on Lewis Brown farm. (neg. 859E)

5472 Tomatoes adaptable to Oregon growing conditions with Dr. W.A. Frazier; PULLED

5473-5476 Chickens; ???.

5473 View of shed used for poultry research. South Farm. (neg. 889E)

5474 Collecting eggs at the OSC poultry farm. (neg. 890E)

5475 Experimental Poultry House, note feed bunk at left by the end of building. (neg. 891E)

5476 Testing mortar box height at OSC poultry farm. (neg. 892E)

5477-5478 Tree Fruits and Nuts; ???.

5477 Dr. Quinton Zielinsky, OSC Horticulturalist, examines blackline on walnut tree at Lewis Brown farm. (neg. 893E)

5478 Blackline on walnut tree at Lewis Brown farm. (neg. 894E)

5479-5480 Ag. Engineering; ???.

5479 Front view small plot combine developed by Dr. A.S. Hunter. (neg. 900E)

5480 Side view of small plot combine developed by Dr. A.S. Hunter. (neg. 901E)

5481-5484 Branch Station; ???.

5481 Don Hyder, Squaw Butte-Harney Range Conservationist, examines any grass growing under dead sage. (neg. 904E)

5482 Part of Squaw Butte-Harney range herd. (neg. 905E)

5483 Squaw Butte range. (neg. 906E)

5484 View of Squaw Butte-Harney range herd. (neg. 909E)

5485-5486 Small Fruits; ???.

5485 Effective mulch on blueberries at Lewis Brown farm. (neg. 912E)

5486 neg. 913E

5487-5491 Nursery; ???.

5487 Rose root stocks under test by A.R. Roberts. (neg. 914E)

5488 neg. 915E

5489 neg. 916E

5490 neg. 917E

5491 neg. 918E

5492-5493 Seed Crops; ???.

5492 Dr. D.D. Hill, Head Farm Crops at OSC, examines Merion bluegrass being grown for seed at the Otto Bohnert farm, Central Point. (neg. 919E)

5493 Dr. D.D. Hill in alta fescue seed field, Medford Branch Station. (neg. 920E)

5494 Branch Station; ???.

Tent covering pure breeder seed source of talent alfalfa at Southern Oregon Branch Station. (neg. 921E)

5495 Swine; ???.

Close up of pigs nursing in portable farrowing stall developed by Tom Johnson. (neg. 924E)

5496-5501 Small Fruits; ???.

5496 View of 2172 strawberry plant developed by Dr. Waldo. (neg. 927E)

5497 View of 2331 Strawberry plants developed by Dr. Waldo. (neg. 928E)

5498 Dr. Waldo nipping first flowers of 2172 strawberry. (neg. 929E)

5499 Dr. Waldo looks over a bench of 2172 strawberry plants. (neg. 930E)

5500 Close up of 2172 strawberry plant of Dr. Waldo. (neg. 933E)

5501 Removing stigma of 2172 strawberry plant by Dr. Waldo. (neg. 934E)

5502 Branch Station; ???.

View of new corrals of Squaw Butte-Harney Branch Station. (neg. 935E)

5503-5505 Weed Control; ???.

5503 View of gorse creeping in on pasture of W.A. Sweet farm near Sixes. (neg. 936E)

5504 neg. 937E

5505 Gorse eradication by city of Bandon on a vacant lot. Acreage was first solid gorse. It was burned first, then bulldozed, seeded, and sprayed every year. Gorse was fired three years ago. (neg. 938E)

5506 Branch Station; ???.

Ferris Hubert, Squaw Butte-Harney Range Animal Husbandman and Harvey Hodgkiss, examine crested wheat grass seeding in Squaw Butte-Harney range. Note sagebrush at right. (neg. 939E)

5507-5511 Branch Station; ???, March 1954.

5507 Good lot of feeders finished on a 150-day feeding trial at Malheur feeding day, March 1954. (neg. 944E)

5508 Inferior cattle after 150-day feeding trial, Malheur Branch Station, March 1954. (neg. 945E)

5509 Common feeders, Malheur Branch Station, March 1954. (neg. 946E)

5510 Choice feeders, Malheur Branch Station, March 1954. (neg. 947E)

5511 Medium feeders, Malheur Branch Station, March 1954. (neg. 948E)

5512-5516 Weed Control; ???.

5512 Typical gorse plant. This one is growing on W. Sweet ranch near Sixes. (neg. 949E)

5513 Norman Dobie, plant pathologist, inspects copper spray damage on peach trees at East farm. (neg. 950E)

5514 neg. 951E

5515 Example of copper spray damage on peach tree. Trees in foreground not sprayed; trees in background are sprayed. They are growing on East farm. (neg. 952E)

5516 Norman Dobie, examines copper spray damage to peach trees, East farm. (neg. 953E)

5517-5518 Ag. Engineering; ???.

5517 Rear view of Gladiolus Harvester developed by Myron Cropsey. (neg. 955E)

5518 Gladiolus Harvester developed by Myron Cropsey. (neg. 956E)

5519 Entomology; ???.

Example of pear sylla damage near Medford. Hands are those of P.O. Ritcher. (neg. 958E)

5520-5522 Branch Station; ???.

5520 Squaw Butte-Harney Range. (neg. 959E)

5521 neg. 961E

5522 Ferris Hubert left, and Harvey Hodgkiss, examine crested wheat grass seeding at Squaw Butte-Harney range. (neg. 962E)

5523 Pastures; ???.

Brush clearing in preparation of a woodland sheep pasture. Part of a research by Don Hedrick. (neg. 964E)

5524 Sheep; ???.

Close-up of Don Hedrick operating portable sheep scale. (neg. 966E)

5525 Grain Crops; ???.

Dr. Wilson Foote examines varietal response of wheat to different fertilizers at Granger farm. (neg. 968E)

5526-5527 Fertilizer; ???.

5526 Effect of nitrogen on spring barley, Granger Farm. (neg. 969E)

5527 Tom Veblin, Graduates Asst., examines effect of nitrogen on spring barley on Granger Farm. (neg. 970E)

5528 Grain Crops; ???.

Wilson Foote examines yield of spring wheat varieties and effect of fertilizers on Granger farm. (neg. 971E); no negative

5529 Beef Cattle; ???.

Cattle eating from an automatic feeder. (neg. 978E)

5530 Irrigation - Water; ???.

View of overhead sprinkling system and fertility experiments at East Farm. (neg. 979E)

5531-5533 Beef Cattle; ???.

5531 Cattle finishing on OSC South farm irrigated pasture. This pen contains straight grass. (neg. 981E)

5532 Cattle grazing OSC irrigated pasture at South farm. This lot has grass and legume ladino clover. (neg. 982E)

5533 Overall view of South farm irrigated pasture. (neg. 983E)

5534 Vegetable Crops; ???.

Examples of hybrid lines Dr. Frazier has used in cross in getting a good idea for tomatoes in Western Oregon commercial tomato production. (neg. 984E)

5535-5536 Soils; ???.

5535 Larry Albin, Head of OSC soil testing lab, examines dirt in soil agar. (neg. 985E)

5536 Larry Albin, Head OSC soil testing lab, is taking a soil sample. (neg. 986E)

5537 Ag. Engineering; ???.

Glen Page, OSC Agriculture Engineer, adjusts rate on OSC sprayer. Rate of spray is important in keeping down drift damage. (neg. 987E)

5538-5541 Swine; ???.

5538 Farrowing stall developed by Tom Johnson. (neg. 989E)

5539 neg. 990E

5540 neg. 991E

5541 neg. 992E

5542 Dairy Husbandry; ???.

Example of foot rot on Jersey cow. (neg. 999E)

5543 Chickens; ???.

Electric tape wrapped around chicken water to keep from freezing in winter. (neg. 1002E)

5544 Tree Fruits; ???.

View of dwarf apple tree at Lewis Brown farm. (neg. 1003E)

5545-5547 Seed Crops; ???.

5545 View of birdsfoot trefoil in bloom at East farm. (neg. 1004E)

5546 Hairy vetch field near Granger. (neg. 1005E)

5547 View of Hank Rampton in an alta fescue seed field near Granger. (neg. 1006E)

5548-5550 Grain Crops; ???.

5548 View of new oat selection being tested by Hank Rampton & Harry Schoth. (neg. 1007E)

5549 Wilson Foote, OSC agronomist, records field behavior of new hybrid barley lines under test at the Granger farm. (neg. 1008E)

5550 Wilson Foote, OSC agronomist, examines stunted barley variety brought about by exposing seeds to X-rays. (neg. 1010E)

5551-5553 Fertilizer; ???.

5551 Tom Jackson, OSC Soils specialist, examines sulfur response to barley at Granger farm. (neg. 1012E)

5552 Tom Jackson, OSC Soils specialist, examines effect of nitrogen on barley at Granger farm. (neg. 1013E)

5553 Tom Jackson, OSC Soils specialist, examines effect of phosphorus on barley yields at Granger farm. (neg. 1014E)

5554 Weed Control; ???.

View of trunk treatment on cut vine maple. Note lack of brush or sprouts from cut stumps. (neg. 1015E)

5555 Turkeys; ???.

Dr. E.M. Dickinson shaking bacteria bottle in preparation for inoculating turkey for erysipelas. (neg. 1016E)

5556 Chickens; ???.

Testing of different height mortar boxes by Larry Johnson, OSC poultryman. (neg. 1017E)

5557 Turkeys; ???.

Swollen snood and scabby lower waddle are symptoms of turkey erysipelas. (neg. 1018E)

5558-5560 Weed Control; ???.

5558 View of gorse-infested pasture on W.A. Sweet ranch near Sixes. (neg. 1019E)

5559 neg. 1020E

5560 Gorse growing on beach near Bandon. (neg. 1021E)

5561 Dairy Husbandry; ???.

Shot of molasses-preserved silage at OSC dairy barn. (neg. 1024E)

5562 Seed Crops; ???.

Harry Schoth holds handful of sub-clover seed. (neg. 1025E)

5563 Grass Seed; ???.

Harry Schoth holds handful of sub-clover seed. (neg. 1028E)

5564-5565 Sheep; ???.

5564 Lambing time at OSC hill pasture. (neg. 1032E); approx. 2x3 neg.

5565 neg. 1034E

5566 Branch Station; ???.

Spraying corn weeds at the Medford Branch Station. (neg. 1035E)

5567 Grass Seed; ???.

Harry Schoth holds handful of ladino clover seed. (neg. 1036E)

5568 Ag. Engineering; ???.

Picture of gladiolus harvester developed by Myron Cropsey. (neg. 1037E)

5569-5570 Sheep; ???.

5569 Lambing time at OSC hill pasture. (neg. 1038E)

5570 Fattening lambs at animal husbandry barn. (neg. 1040E)

5571 Dairy Husbandry; ???.

Testing palatability of different silage preservatives by offering three types free choice, left, dried molasses beet pulp, center, sulfur dioxide, right, sodium bisulfide. Cow prefers molasses. (neg. 1042E)

5572 Beef Cattle; ???.

View of South farm on which irrigated pasture research is conducted. (neg. 1043E)

5573 Branch Station; ???.

Close-up of dead sagebrush at Squaw Butte range. (neg. 1046E)

5574 Sheep; ???.

Lambing time at OSC hill pasture. (neg. 1049E)

5575-5576 Ag. Engineering; ???.

5575 Filling Wyatt barn silo with grass silage. (neg. 1052E)

5576 neg. 1053E

5577-5581 Weed Control; ???.

5577 Gorse growing on W.A. Sweet ranch near Sixes. (neg. 1057E)

5578 neg. 1058E

5579 Gorse growing clear to beach near Bandon. (neg. 1059E)

5580 neg. 1060E

5581 Gorse growing on W.A. Sweet ranch near Sixes. (neg. 1061E)

5582 Nuts; ???.

Close-up of blackline on walnut tree at Lewis Brown farm. (neg. 1063E)

5583 Beef Cattle; ???.

Non-pelleted feed, right, scatters when blown. Pelleted feed left. (neg. 1065E)

5584-5585 Tree Fruits; ???.

5584 Close-up of apple branch. (neg. 1067E)

5585 neg. 1068E

5586 Nuts; ???.

Five english root stocks under test for blackline resistance; From left: Mayette, Franquette, Kirk seedling, Countrymans Carpathian, and Manregian. (neg. 1070E)

5587-5589 Weed Control; ???.

5587 Gorse getting started on pasture near Bandon next to coast. (neg. 1072E)

5588 Gorse in fence row is often a seed source that spreads to other areas. Shot taken near Bandon. (neg. 1073E)

5589 Gorse growing on beach near Bandon. (neg. 1074E)

5590-5591 Sheep; ???.

5590 Sheep shearing at OSC sheep barn. (neg. 1075E)

5591 Lambing time at OSC hill pasture. (neg. 1076E)

5592 Dr. W.A. Frazier examines inbred line of tomatoes; PULLED

5593-5598 Forage Breeding; ???, June 17, 1955.

5593 Experiment 10 - Showing part of nursery standing before complete clipping following the removal of harvest 5. (neg. 1079E)

5594 Experiment 11- Isolation plot #20 at Adair, showing method used in an effort to reduce the possibility of contamination from foreign pollen. (neg. 1080E)

5595 Experiment 11- Isolation plot #14 at Adair. (neg. 1081E)

5596 Experiment 11- Isolation plot #11 at Adair. (neg. 1082E)

5597 Experiment 10 - After harvest five had taken from all genotypes. Nursery was clipped back shortly after this picture was taken. (neg. 1083E)

5598 Experiment 2, showing introduction nursery. Material was transplanted in Field, early October, 1954. Material in foreground and to the right is a New Zealand Introduction. (neg. 1084E)

5599 Speciality Crops; ???.

Breeding work with phormium by Don Fishler at Granger Farm. (neg. 1086E)

5600 Seed Crops; ???.

Perennial ryegrass field that has been burned to kill weeds and to prevent reoccurrence of blind seed disease. (neg. 1089E)

5601 Forage Crops; ???.

Don Hedrick, Range Management researcher, points to a four-foot root depth of Tualatin tall oatgrass. Grass has been able to maintain growth throughout dry summers, being able to send roots deep into shale where permanent water supply exists. Other forages are not able to do this. (neg. 1094E)

5602 Dairy Husbandry; ???.

Washing teets before milking with a disinfectant is important in dairy sanitation. (neg. 1098E); no negative

5603 Dairy; ???.

View of OSC dairy herd. (neg. 1099E)

5604-5605 Branch Stations; ???, July 1955.

5604 Pendleton field day crowd viewing research plots of new wheat variety at the Lester King Pilot Farm. (neg. 1100E)

5605 View of fallow, alfalfa and pea crop at Pendleton Branch Station. (neg. 1101E)

5606 Beef Cattle; ???.

View of cattle feeding operation in the pea area of Umatilla County. Taken near Athena. (neg. 1102E)

5607-5608 Branch Station; ???.

5607 View of 1955 field day crowd looking at new wheat variety developed by WSC. (neg. 1103E)

5608 neg. 1104E

5609 Soils; ???.

View of one of Al Hunters wheat fertility crops, from which he is testing the effects of nitrogen, phosphorus, potash on yield, protein content and test weight of wheat. (neg. 1109E)

5610-5611 Branch Station; ???.

5610 View of 1955 field day crowd looking at new wheat variety developed by WSC. (neg. 1105E)

5611 View of rough tillage plot at the Crow-Pilot Farm. (neg. 1106E)

5612-5613 Vegetable Crops; ???.

5612 View of pea harvest in Columbia Basin. (neg. 1107E)

5613 neg. 1108E

5614-5615 Grain Crops; ???.

5614 View of plowing operation of pea land prior to fall wheat planting. (neg. 1110E)

5615 neg. 1111E

5616-5619 Beef Cattle; ???, August 1955.

5616 Cattle soon after daily pasture change. This is experiment on "strip grazing" of OSC irrigated pasture. (neg. 1112E)

5617 Cattle on nearby pasture that is not strip grazed. Cattle are free to roam over entire pasture. South farm. (neg. 1113E)

5618 Cattle on strip grazed pasture before they are released to new daily pasture. Note how well eaten down the forage is. Fence does a poor job of keeping out calves. (neg. 1115E)

5619 View of beef cattle on OSC irrigated pasture. Straight grass. (neg. 1116E)

5620-5621 Sheep; ???.

5620 Sheep being drenched with phenothiazine for worm control. (neg. 1118E)

5621 neg. 1119E

5622 Turkeys; ???.

Molting being produced by darkness rather than taking birds off feed. Part of Dr. Harpers research. (neg. 1120E)

5623-5629 Ag. Engineering; ???, July 1955.

5623 Straw and seed saved by experimental combine developed by Jesse Harmond. (neg. 1121E)

5624 View of experimental combine that is used to recover seed loss through regular combining. Note scratcher and brusher in front. (neg. 1122E)

5625 neg. 1123E

5626 neg. 1124E

5627 neg. 1125E

5628 neg. 1126E

5629 neg. 1127E

5630-5631 Soils; ???.

5630 Dr. Larry Alban, Head of OSC soils lab taking a soil sample. (neg. 1131E)

5631 neg. 1132E

5632 Tree Fruits; ???.

Example of rain beetle damage to cherry root. Taken near Hood River. (neg. 1138E)

5633-5634 Sheep; ???.

5633 Dr. Hugo Krueger, left, shown here using electrocardiogram as part of heart muscle disease study. (neg. 1139E)

5634 View of Dr. Hugo Krueger, left, shown here using electrocardiogram as part of heart muscle disease study. (neg. 1140E)

5635-5643 Pastures; ???.

5635 10 percent ladino clover, 90 percent grass. (neg. 1141E)

5636 5 percent ladino clover, 95 percent grass. (neg. 1142E)

5637 50 percent ladino clover, 50 percent grass. (neg. 1143E)

5638 25 percent ladino clover, 75 percent grass. (neg. 1144E)

5639 35 percent ladino clover, 65 percent grass. (neg. 1145E)

5640 20 percent ladino clover, 80 percent grass. (neg. 1146E)

5641 40 percent ladino clover, 60 percent grass. (neg. 1147E)

5642 55 percent ladino clover, 45 percent grass. (neg. 1148E)

5643 15 percent ladino clover, 85 percent grass. (neg. 1149E)

5644 Chickens; ???.

View of feeders that hang from roof. (neg. 1150E)

5645 Turkeys; ???.

Dr. Harper shown holding turkey molting under artificial condition. (neg. 1151E)

5646 Chickens; ???.

View of chicken feeding trough. (neg. 1152E)

5647 Branch Station; ???.

Don Hyder, Squaw Butte-Harney Branch Station conservationist, examines native grass growing from under dead sagebrush. (neg. 1154E)

5648 Forage Crops; ???.

Don Hedrick, OSC Range researcher, points at 4-foot mark showing growth of Tualatin oatgrass roots. (neg. 1156E)

5649 General Research; ???.

IBM computer used for statistical analysis of cloud seeding project. (neg. 1157E)

5650 Beef Cattle; ???.

Picture of a wormy calf. (neg. 1158E)

5651 Dairy; ???.

Disinfecting milking machine cups between cows is important in dairy sanitation. (neg. 1159E)

5652 Food Technology; ???.

Dr. R.F. Cain shown grinding hamburger prior to canning for atomic radiation. (neg. 1160E)

5653-5657 Seed Crops; ???, June 1955.

5653 View of birdsfoot trefoil seed field in flower near Roseburg. (neg. 1162E)

5654 neg. 1163E

5655 Birdsfoot trefoil in flower. (neg. 1164E)

5656 Field of birdsfoot trefoil seed field in flower near Roseburg. (neg. 1165E)

5657 Close-up of birdsfoot trefoil. (neg. 1166E)

5658-5664 Branch Station; ???.

5658 Drought resistant Lahonton alfalfa shows up in this alfalfa variety plot trial at Southern Oregon Branch Station. (neg. 1167E)

5659 neg. 1168E

5660 neg. 1169E

5661 John Youngun, Station agronomist, examines some Lahonton alfalfa. (neg. 1170E)

5662 Tom Jackson, OSC soils researcher, examines carry-over effects of nitrogen after it had been applied in different rates to corn the year before. The field has now been planted to wheat. (neg. 1171E)

5663 neg. 1172E

5664 John Youngun examines Lahonton alfalfa. (neg. 1173E)

5665 Vegetable Crops; ???, 1955.

View of vining operation in Umatilla County in 1955. (neg. 1175E)

5666-5670 Forage Breeding; ???, August 1955.

5666 First plant in nursery to be infected with leaf and stem rust. Origin of plant is Sweden and by the time this picture was taken, damaging effects were extremely pronounced. Picture taken August 12, 1955. Tall Fescue Introduction Nursery-Granger. (neg. 1176E)

5666a Rust infected plant in Tall Fescue Introduction Nursery at Granger. Three lines were infected; those from Belgium, Sweden and Denmark. (neg. 1177E)

5667 Picture showing the vigor comparisons of the New Zealand type and the ordinary type of tall fescue. Plants were placed in the field, October 1954, and this picture was taken August 12, 1955. The two rows in the center of picture illustrate the vigor differences. (neg. 1178E)

5667a General view of Introduction Nursery at Granger. Plants in foreground indicate the extreme vigor found in the New Zealand type of material. (neg. 1179E)

5668 Rod V. Frakes examining New Zealand material in Tall Fescue Introduction Nursery on August 12, 1955. The material is extremely harsh, very vigorous and culm size is very large. See negative 1181E for culm size. (neg. 1180E)

5669 Rod V. Frakes demonstrating large culm size of New Zealand material (right) as compared to an ordinary type tall Fescue culm on the left. (neg. 1181E)

5670 Range of material in center of picture shows the Summer dormant stage of Culture 237, (origin: Northern Africa) which is characteristic of this strain. Plots to the left and to the right of 237, are ordinary tall Fescue lines. Plots have not been clipped since Spring seed set. Field of ripening Barley in background indicates season of year picture was taken. (neg. 1182E)

5671-5674 Forage Breeding; ???, January 1955.

5671 Taken Jan. 4, 1955 - Plot 14, culture 288. This culture, which is the F₁ of a cross between cultures 217, 240 and 231, was started in the greenhouse in July 1954, then transplanted to its present position on October 16, 1954. Dr. J. Ritchie Cowan, forage breeding project leader, is examining the material. (neg. 1183E)

5672 Taken Jan. 4, 1955 - Dr. J. Ritchie Cowan examining culture 237, which is a type of tall fescue from Algeria, North Africa. This culture shows outstanding ability for winter growth in this area. The plants to the left are part of a nursery used for protein and dry matter analyses of forty different stages of growth. The plants to the right are also for protein and dry matter analysis, only they are harvested at a definite height. (neg. 1184E)

5673 Taken Jan. 4, 1955 - Dr. J. Ritchie Cowan observing culture 237, which is a type of tall fescue from Algeria, North Africa. The plant to the right of Dr. Cowan (under his right hand) was clipped the day before this picture was taken, or on Jan. 3. The plant to the left of Dr. Cowan (under his left hand) was clipped November 24. This indicated the winter growth habit of this plant material. (neg. 1185E)

5674 neg. 1185E

5675-5677 Grain Crops; ???, February 8, 1955.

5675 Wheat plants under florescent day-night light in the hardening room of the Farm Crops refrigeration plant. Observe upper left time clock for turning lights on and off. Lower left is recording thermometer. Note two different growth stages in plants. Picture taken using photo flash. (neg. 1187E)

5676 Wheat plants at four growth stages in the greenhouse at time of entering hardening room. Flats from left to right. Third leaf stage, second leaf stage, first leaf stage, and emergence. (neg. 1188E)

5677 Wheat plants under florescent day-night light in the hardening room of the Farm Crops refrigeration plant. Observe upper left time clock for turning lights on and off. Lower left is recording thermometer. Note two different

growth stages in plants. Picture taken using light from subject. (neg. 1187E)

5678-5679 Forage Breeding; ???, June 1955.

5678 General view of Block 1 of original breeding block, before lundelling just prior to seed stage. Block 2, on the right has been lundelled regular at two week intervals during the growing season for the past 2 years. (neg. 1190E)

5679 General view of Experiment 10 before all plots were clipped following harvest five. (neg. 1191E)

5680 Forage Breeding; ???.

Hillside on the farm of Wm. Suiter near Frenchburg, Menifee Co. Kentucky where the seed for Ky-el was obtained in 1931. It was probably planted about 1890. (neg. 1192E)

5681-5683 Forage Breeding; ???, January 1955.

5681 Dr. J. R. Cowan examining 9 days regrowth on culture 237. Picture was taken January 11, 1955. Plant was clipped on January 2. (neg. 1193E)

5682 Winter view of culture 237 showing the winter activity of this line. Picture was taken January 11, 1955. Note plant in foreground was clipped on January 2. (neg. 1194E)

5683 Winter view of culture 237, background. Note that one plant had been clipped on January 2, and picture was taken January 11, 1955. (neg. 1195E)

5684-5687 Weed Control; ???.

5684 Chemical weed trials on Merion bluegrass at Don Hectors farm near Granger. Rows right of center treated with three pounds Karmex DW; left of center, check rows. (neg. 1198E)

5685 Chemical weed trials on Merion bluegrass at Don Hectors farm near Granger. OSC agronomist Dave Chilcote examines rows treated with three pounds Chloro IPC. Rows beyond and to left of Chilcote were treated with three pounds Karmex DW. (neg. 1199E)

5686 Chemical weed trials on Merion bluegrass at Don Hectors farm near Granger. Rows front and left of center with two pounds Karmex DW; rows to rear and left of center were treated with three pounds Karmex DW. (neg. 1200E)

5687 Chemical weed trials on Merion bluegrass at Don Hectors farm near Granger. Rows left of center were treated with three pounds Karmex DW; rows to right were untreated. (neg. 1201E)

5688 Botany & Plant Pathology; ???, February 1956.

Dr. J.E. Milbrath is examining for virus free buds grafted to shirfugen cherry tree. (neg. 1202E)

5689 Beef Cattle; ???, November 1955.

Silver lake rancher shown feeding alfalfa hay to livestock. (neg. 1203E)

5690 Swine; ???, March 1956.

Portable farrowing stall developed by Tom Johnson, OSC swine herdsman. (neg. 1211E)

5691 Home Economics; ???.

Picture of minute-mix cake developed by Andrea Mackey. (neg. 1214E)

5692-5694 Tree Fruits; ???, October 1955.

5692 Apples from bud sports are shown by Quentin Zielinski, OSC horticulturist. Light apples are typical duchess variety and dark apples are red sport duchess. (neg. 1215E)

5693 Quentin Zielinski, OSC horticulturist checks bud sports growing on duchess variety tree. (neg. 1221E)

5694 View of popular Melba apple variety. (neg. 1222E)

5695 Dairy Husbandry; ???.

Feeding silage at the OSC dairy barn. (neg. 1223E)

5696 Sheep; ???, Fall 1955.

View of OSC sheep on hill pasture. (neg. 1228E)

5697-5698 Dairy Husbandry; ???.

5697 Bob Chestnutt, graduate student, pours rumen juices from rumen. (neg. 1232E)

5698 Bob Chestnutt, graduate student, puts arm in clear up to shoulder when removing cud from rumen. (neg. 1234E)

5699 Miscellaneous; ???.

View of Harney valley from the foot hills of Steen Mountain. (neg. 1238E)

5700 Soils; ???, March 1956.

Sample of soil erosion in Columbia basin taken just north of the town of Moro. (neg. 1241E)

5701-5708 Pastures; ???, April 1956.

5701 Fall is the best time to clear small trees for pasture. They bulldozed out much quicker than in spring. Trees in the foreground were bulldozed in the fall and those in the background in the spring. (neg. 1243E)

5702 Control pastures used in determining effect of timber management and sheep grazing on hill pastures. (neg. 1244E)

5703 Clear cut but not seeded pastures used to determine effect of timber managements in conjunction with sheep grazing. (neg. 1245E)

5704 Cleared and fall seeded pasture used in experiments to determine best pasture management in conjunction with sheep management on hill lands in Western Oregon. (neg. 1246E)

5705 neg. 1248E

5706 neg. 1249E

5707 neg. 1250E

5708 Selected cuttings of brush used in experiments to determine best timber management in conjunction with sheep grazing on hill pastures. For some reseeding of Douglas fir here. (neg. 1251E)

5709-5710 Tree Fruits; photos by Bill Stephens, March 1956.

5709 This is control tree in experiment in the Medford area to determine the effect of pruning in non-yielding orchards. Orchards that have been bearing for 40 years and are out. Fertility and pollen are OK. Researchers want to see if too much flowering prevents pear formation. The picture was taken in the Cate Orchard near Medford. (neg. 1253E); 120 neg.

5710 These pictures show before and after pruning on non-yielding orchard at the Cate Orchard near Medford. (neg. 1254E); 120 neg. (4)

5711-5714 Weed Control; photos by R.H. Birdsall, May 1956.

5711 Rex Warren, OSC farm crops specialist, examines chemical spray plots on wild garlic at Hyslop farm. Control plots were established by agronomist William Furtick. (neg. 1255E)

5712 Canada thistle control plots established on Hyslop farm in summer of 1955 by William Furtick are examined 10 months later by farm crops specialist Rex Warren. Right foreground has heavy regrowth following application of 2,4-D. Left of center shows little or no regrowth after receiving 1 lb. ATZ and 1 lb. 2,4-D. Check plot behind Warren. (neg. 1256E)

5713 Canada thistle spray control plots were established year earlier by William Furtick at Hyslop farm. Right foreground has considerable thistle regrowth after 2,4-D application. Left of center shows little or no regrowth after 1 pound ATZ and 1 pound 2,4-D. Check plot in background. (neg. 1257E)

5714 Canada thistle control plots established in July and August of 1955 by William Furtick are examined 10 months later by farm crops specialist Rex Warren. Plot in left foreground received 8 pounds of ATZ; right foreground 1 pound ATZ and 1 pound 2,4-D. Check plot behind Warren. (neg. 1258E)

5715 Horticulture - Tree Fruits; photo by Bill Stephens, Spring 1956.

Pruning determining its effect on non-yielding orchard, orchards that have been bearing for 40 years and are not out. Fertility and pollen are OK, researchers want to see if too much flowering prevents pear formation. Picture was taken soon after blossom in the Cate Orchard near Medford. (neg. 1260E); 120 neg. (2)

5716-5717 Poultry; ???.

5716 Broilers feeding from a link chain feed trough. (neg. 1261E)

5717 Broilers feeding from regular trough. (neg. 1262E)

5718 Plant Pathology; ???.

J.R. Hardison, OSC-USDA plant pathologist, examines culture of blind seed spores. (neg. 1263E)

5719 Tree Fruits; ???.

Mrs. B.A. Peterson shopping for apples. (neg. 1271E)

5720-5723 Soils; ???.

5720 Finest of lime that will pass a 40 mesh screen. (neg. 1272E)

5721 Finest of lime that will pass a 20 mesh but will not pass a 40 mesh screen. (neg. 1273E)

5722 Finest of lime that will pass a 10 mesh but will not pass a 20 mesh screen. (neg. 1275E)

5723 Finest of lime that will not pass a 10 mesh screen. (neg. 1275E)

5724-5725 Branch Station; ???, Summer 1955.

5724 Red Soils branch station field day, summer of 1955. (neg. 1277E)

5725 neg. 1278E

5726 Botany and Plant Pathology; ???, August 1956.

Willamette River oxbow clogged with weeds. (neg. 1281E)

5727 Dairy; ???, August 1956.

View of pasture about 9 miles north of Albany near Wilson Lake. (neg. 1282E)

5728-5730 Botany and Plant Pathology; photos by Mason, August 1956.

5728 Willamette River oxbow clogged with weeds. (neg. 1284E)

5729 Mass of algae at bank indicates enough organic matter that has built to encourage weed growth.

This is view of Wilson Lake in North Linn county. (neg. 1286E)

5730 View of Willamette River oxbow clogged with lilies and weeds. (neg. 1287E)

5731-5733 Vegetable Crops; photos by Mason, September 1956.

5731 Tomato plots show effect of black plastic versus no plastic mulches. Plot at left yielded only tomatoes in bushel baskets. Black plastic plot at right yielded fruit shown. (neg. 1288E)

5732 Vern Clarkson, OSU horticulturist, examines tomatoes from plot protected by black plastic mulches. (neg. 1289E)

5733 Vern Clarkson, OSU horticulturist, examines cabbage plot protected by black mulches.

Unmulched plot at right. (neg. 1290E)

5734-5735 Vegetable Crops; photos by Mason, August 1956.

5734 Plastic mulched plot left, unmulched right. (neg. 1291E)

5735 neg. 1292E

5736 Vegetable Crops; photos by Mason, September 1956.

Vern Clarkson, OSU horticulturist, examines bush bean plant protected by black plastic mulch.

Typical unmulched bean plant at right. (neg. 1293E)

5737 Home Economics; photo by Mason, June 1957.

Margaret Edwards, Home Economics lab technician, begins blood fraction riboflavin analysis. (neg. 1495E)

5738 Agric. Engineering; photo by Mason, October 1956.

OSC soil fumigation blade. (neg. 1295A)

5739 Home Economics; photo by Mason, June 1957.

Blood samples are placed in centrifuge for spinning into various blood fractions for vitamin analysis. (neg. 1496E)

5740 Agric. Engineering; photo by Mason, October 1956.

OSC soil fumigation blade. Glen Page, OSC agric. engineer on tractor. (neg. 1296A)

5741 Small Fruits; photo by Mason, June 1956.

Close-up of Siletz strawberry. Picture taken at Red Soils Branch Station. (neg. 1297E)

5742-5751 Beef Cattle; photos by Mason, July 1956.

5742 Beef herd on irrigated pasture on South farm. (neg. 1299E)

5743 Jim Berry, student worker, feeds cattle on South farm phenothiazine mixed in cubes. (neg. 1300E)

5744 Cattle on south farm study before drenching is administered. (neg. 1301E)

5745 Cattle on South farm parasite experiment being fed chopped hay for finishing before slaughter. (neg. 1303E)

5746 neg. 1304E

5747 Cattle on daily strip test grazing being turned into new days grazing. (neg. 1305E)

5748 Cattle on daily strip test grazing being turned into new days grazing. (neg. 1306E)

5749 Paul Allen, OSC veterinarian, drenching cattle with phenothiazine. (neg. 1307E)

5750 neg. 1308E

5751 Cattle on feeding test at Malheur branch station. This pen fed potato plus a protein supplement. (neg. 1369E); 120 neg.

5752-5754 Small Fruits; photos by Mason, July 1956.

5752 Effect of mulch on blueberries. Mulched plot left, unmulched right. (neg. 1310E)
5753 Effect of sawdust and straw mulches on blueberries. Sawdust mulch left, straw mulch right. (neg. 1311E)
5754 Effect of different types of mulches on blueberry yields. No mulch left, oakleaf mulch right. (neg. 1312E)
5755-5757 Horticulture; photos by Mason, July 1956.
5755 Sawdust is used as successful medium for growing Malling IX rootstocks. (neg. 1313E)
5756 Al Roberts, OSC horticulturist, examines root growth of Malling IX rootstocks grown in sawdust. (neg. 1314E)
5757 View of propagation beds of Malling IX rootstocks raised in sawdust. (neg. 1315E)
5758-5762 Veterinary; photos by Mason, October 1956.
5758 Dr. Vatter, head of the veterinary diagnostic laboratory, begins post mortem examination of a dead heifer. (neg. 1316E)
5759 neg. 1317E
5760 neg. 1318E
5761 Dr. Vatter, veterinarian in charge of the OSC diagnostic lab removes a parasite scar from a dead heifer. (neg. 1319E)
5762 Close up of parasite scar on dead heifer. (neg. 1320E)
5763-5766 Turkeys; photos by Reasons, November 1956.
5763 View of OSC turkey flock. (neg. 1322E)
5764 neg. 1323E
5765 neg. 1326E
5766 neg. 1328E
5767-5769 Fertilizers; photos by Jackson, July 1956.
5767 Response of nitrogen on Astoria bentgrass taken at Silverton hills. (neg. 1330E); 120 neg.
5768 Nitrogen response on common ryegrass, Benton county. (neg. 1331E); 120 neg.
5769 Nitrogen response on perennial ryegrass, Benton county. (neg. 1331E); 120 neg. (2)
5770 Fertilizers; photo by Jackson, August 1956.
Sulphur response on corn, Roseburg. (neg. 1333E); 120 neg. (4)
5771 Fertilizers; photos by Jackson, July 1956.
Nitrogen response to chewings fescue, Marion County. (neg. 1334E); 120 neg. (2)
5772 Agric. Engineering; photo by Terriere, Summer 1956.
Close-up nozzle arrangement of a Bean 24 seed sprayer. (neg. 1336E); 120 neg.

5773-5776 Agric. Engineering; photos by Terriere, March 1956.

5773 Dormant sprayer in action. (neg. 1338E); 120 neg.

5774 Close-up of mist duster. (neg. 1339E); 120 neg.

5775 Nurse tank and Hardie sprayer. (neg. 1340E); 120 neg.

5776 Hardie duo fan sprayer. (neg. 1341E); 120 neg.

5777-5778 Agric. Engineering; photos by Terriere, May 1956.

5777 Panels to detect spray pattern of different sprayers, Medford. Testing a Bean 17. (neg. 1342E); 120 neg.

5778 View of a Bean 17 mist sprayer. (neg. 1343E); 120 neg. (2)

5779-5780 Vegetable Crops; photos by Frazier, Spring 1956.

5779 View of OSC experimental bean field east of Corvallis. (neg. 1344E); 120 neg.

5780 Radiation effect in delaying maturity in pole bean. (neg. 1345E); 120 neg.

5781-5791 Vegetable Crops; photos by Frazier, July 1956.

5781 Hybrid onion test plot at Jim Richard farm, Lake Labish. (neg. 1346E); 120 neg.

5782 Example of reduced germination from irradiation of seed, OSC vegetable crops farm. (neg. 1347E); 120 neg.

5783 Effect of irradiation on bean pod development. Left, irradiated bean; right, normal. (neg. 1348E); 120 neg.

5784 View of club root resistant cabbages growing at OSC vegetable crops farm. (neg. 1349E); 120 neg.

5785 Effect of gibberlin on the elongation of peas. Normal plant left, treated plant right. (neg. 1350E); 120 neg.

5786 Effect of gibberlin on rhubarb. Treated plant right, untreated plant left. (neg. 1351E); 120 neg.

5787 Effect of gibberlin on pole beans, treated plant left, untreated plant right. (neg. 1352E); 120 neg.

5788 Effect of gibberlin on tomatoes. Treated plant left, untreated plant right. (neg. 1353E); 120 neg.

5789 Effect of gibberlin on bush beans. Treated plant left, untreated plant right. (neg. 1354E); 120 neg.

5790 Harry Mack, OSC horticulturist, makes moisture test reading on the beans. (neg. 1355E); 120 neg.

5791 Selection for earliness in lima beans. (neg. 1356E); 120 neg.

5792-5797 Vegetable Crops; photos by Frazier, August 1956.

5792 Club root resistant cabbage grown from seed at OSC vegetable crops farm. (neg. 1358E); 120 neg.

5793 Example of dwarfism in early tomatoes at OSC vegetable crops farm. (neg. 1359E); 120 neg.

5794 Typical first year growth of rhubarb at OSC vegetable crops farm. (neg. 1360E); 120 neg.

5795 Trial of FM-100 tomato. A late, heavy yielder at OSC vegetable crops farm. (neg. 1361E); 120 neg.

5796 Apparent effect of Oregon day length on a South American pole bean. Bean will not flower. (neg. 1362E); 120 neg.

5797 Bush bean plant habit of a blue lake by a bush bean cross at OSC vegetable crops farm. (neg. 1363E); 120 neg.

5798-5799 Entomology; photos by Mason, July 1956.

5798 Bill Stephens, OSC entomologist, checking a bee hive. (neg. 1364E); 120 neg. (3)

5799 Typical bee hive arrangement near crimson clover fields. (neg. 1367E); 120 neg.

5800 Beef Cattle; photo by Oldfield, Winter 1956.

Cattle on feeding test at Malheur branch station. This pen fed cattle only potatoes no protein supplement. (neg. 1370E); 120 neg.

5801 Miscellaneous; ???.

View of John Day Valley from U.S. highway 39, between John Day and Pendleton. (neg. 1374E); 120 neg.

5802-5803 General Research; photos by Mason, September 1956.

5802 3 generations of biotin and/or folic acid deficiencies in mice. Notice sore eyes on mouse at right, no tail on center mouse, sore eyes on mouse at left. Mouse at right was father of mouse center, center mouse was mother of mouse left. These mice have genetic requirements for higher-than-normal amounts of vitamins. (neg. 1384E)

5803 Normal mouse right, vitamin deficient mouse left. This deficiency showed up during suckling period. Mice are the same age. (neg. 1385E)

5804-5805 Beef Cattle; photos by Mason, September 1956.

5804 View of heifer injected with testosterone, the hormone manufactured testicles of male animals. This heifer was injected weekly for 1 year after she weighed 350 lbs. She was also injected 6 months during her pregnancy. She produced a normal calf and also gave milk which is highly unusual in such a situation. (neg. 1386E)

5805 View of heifer injected with testosterone, the hormone manufactured testicles of male animals. This heifer was injected weekly for 1 year after she weighed 350 lbs. She was also injected 6 months during her pregnancy. She produced a normal calf and also gave milk which is highly unusual in such a situation. Note bullish characteristics in the head and shoulders. (neg. 1386E)

5806-5813 Weed Control; photos by Mason, September 1956.

5806 Effect of new chemical Simazin pre-emergence at 6 lbs. per acre. Plot at right shows effect of current control recommendations, dinitro amine at 3 lbs. per acre. (neg. 1388E)

5807 Effect of dinitroamine at 3 lbs. per acre in corn. Treated plots left, untreated right. (neg. 1389E)

5808 Untreated plot of corn. (neg. 1390E)

5809 Weed control in Ladino clover, showing lb. of 2,4-D butyl ester compared with check. Treated right, check left. (neg. 1391E)

5810 Weed control in alfalfa, one lb. of 2,4-D butyl ester compared with check. (neg. 1392E)

5811 Weed control in Ladino clover, one lb. of 2,4-D butyl ester compared with check. (neg. 1393E)

5812 Weed control in lotus. One lb. of 2,4,5-TP plus 5 lbs. of Dalapon compared with check. (neg. 1394E)

5813 Close up of weed control in Ladino Clover, untreated left, right lb. of 2,4-D butyl ester. (neg. 1395E)

5814-5820 Tree Fruits; photos by Zielinski, August 1956.

5814 Effect of gibberlin treatment on pears. Left, material was applied to active bud, right to dormant bud. (neg. 1396E); 120 neg. a-b (2)

5815 Effect of neutrons on apples to produce mutations. (neg. 1397E); 120 neg. a-b (2)

5816 Effect of apple twigs subjected to x-ray treatment. (neg. 1398E); 120 neg.

5817 Vegetable propagation of walnuts by layering. (neg. 1399E); 120 neg.

5818 Effect of x-ray to induced mutations of apple twigs. (neg. 1400E); 120 neg. a-d (4)

5819 Effect of winter damage on Franquette walnuts, Scholls, Oregon, Yamhill county. (neg. 1401E); 120 neg. a-b (2)

5820 Nursery of a commercial filbert breeder, Mr. Olger Jentegoord, Gresham. (neg. 1402E); 120 neg.

5821-5825 Fertilizers; photos by Jackson, August 1956.

5821 Effect of potash on onions at Lake Labish. (neg. 1403E); 120 neg.

5822 Effect of nitrogen, potash, and sulphur, vs. check on onions at Lake Labish. (neg. 1404E); 120 neg.

5823 Effect of potash and phosphorus on onions at Lake Labish. (neg. 1405E); 120 neg.

5823a Effect of potash on onions at Lake Labish. (neg. 1406E); 120 neg.

5824 Effect of phosphorus on onions at Lake Labish. (neg. 1407E); 120 neg.

5825 Effect of type of application of a complete fertilizer on onions at Lake Labish. Left, broadcast; right, banded. (neg. 1408E); 120 neg.

5826-5833 Grain Crops; photos by Mason, July 1956.

5826 Wilson Foote, OSC agronomist, and graduate student examine new selections of short stiff wheat he has developed and is testing. (neg. 1413E)

5827 View of wheat varieties recently tested on Hyslop farm near Corvallis. (neg. 1414E)
5828 Overall view of wheat variety nursery at Hyslop agronomy farm near Corvallis. (neg. 1415E)
5829 neg. 1416E
5830 Wilson Foote, OSC agronomist, views height difference of new short stiff strawed wheat he developed in his testing. (neg. 1417E)
5831 Overall view of wheat variety nursery at Hyslop agronomy farm near Corvallis. (neg. 1419E)
5832 neg. 1420E
5833 Typical height of new short stiff straw selection developed by Wilson Foote, OSC agronomist. Mutation was formed by x-ray treatment. (neg. 1421E)
5834-5836 Small Fruits; photos by Mason, August 1956.
5834 Typical plant of new Marion blackberry which was released in 1956. (neg. 1422E)
5835 Row of new Marion blackberry. (neg. 1424E)
5836 New Marion blackberry. (neg. 1426E)
5837 Small Fruits; photo by Mason, May 1956.
Picture of harvesting strawberries on fertilizer test plots in Marion county. (neg. 1427E)
5838-5842 **Fish and Game;** photos by Reasons, September 1956.
5838 Pumps used to regulate stream flow in artificial streams in fish laboratory. (neg. 1430E)
5839 Apparatus in OSC fish laboratory used to measure fishes ability to swim against current. Water current in apparatus and oxygen content can be regulated. (neg. 1432E)
5840 View of troughs which are artificial streams used in pollution tests at OSC fisheries laboratory. (neg. 1433E)
5841 Fishes ability to swim against current is being tested by John Foster, graduate assistant, at OSC fisheries laboratory. (neg. 1400E)
5842 One of the experiments which give fish biologists some leads on the effect of industrial wastes on the stream community. Here, John Fryer, OSC graduate assistant, prepares test on blue gills. (neg. 1441E)
5843 Horticulture; photo by Mason, September 1956.
Elmer Hansen, OSC horticulturist, examines oxygen level as being piped into polyethylene bags to find out what causes brown core in pears. (neg. 1442E)
5844 Veterinary; photo by Mason, September 1956.
Dr. Vatter, head of OSC veterinary diagnostic lab, and assistant removes suspicious tissue may be helpful in diagnosing cause of death of heifer. (neg. 1444E)

5845 experiment with commercial lactic acid bacteria cultures to determine ability of creating gas in cottage cheese manufacturing; Bill Sandine, graduate student; ca. September 1956; photo by Mason--PULLED

5846-5849 Beef Cattle; photos by Dave England, April 1956.

5846 Milton-Freewater experiments testing by-products as cattle feed. This picture shows fastest gaining lot of steers. (neg. 1449E); 120 neg.

5847 Result of by-product feeding experiments at Milton-Freewater. Fastest gaining lot of calves shown. (neg. 1450E)

5848 By-product feeding experiment at Milton-Freewater. Overall view of lots. (neg. 1451E)

5849 Weaner calves on stilbestrol and Synovex implantation experiments--Frank McClintock ranch--Condon. (neg. 1452E)

5850 Sheep; photo by Dave England, Fall 1956.

Lambs of Stilbestrol and terrymycin implantation experiments on ryegrass pasture. Homer Miller farm, Halsey. (neg. 1453E); 120 neg.

5851-5852 Beef Cattle; photos by Dave England, Fall 1956.

5851 Crossbred weaner calves, Milton-Freewater experiments. (neg. 1455E); 120 neg.

5852 Representative pen of steers. Milton-Freewater experiments. (neg. 1456E); 120 neg.

5853-5855 Fertilizers; photos by Mason, June 1956.

5853 Tom Jackson, OSC soils scientist, examines response of alfalfa to phosphorus on Red Hill soils. (neg. 1457E)

5854 Response of alfalfa to phosphorus at Red Soils Experiment Station. (neg. 1458E)

5855 Response of phosphorus and lime on alfalfa, Red Soils Experiment Station. (neg. 1459E)

5856 Greenhouse & Nursery Crops; photo by Mason, December 1956.

L.T. Blaney, OSC horticulturist, examines flowering foxglove in which first year flowering was induced by doses of gibberllic acid. (neg. 1460E)

5857-5862 Weed Control; photos by David Chilcote, 1956.

5857 Effect of Dinitro amine at 6 lbs. per acre on corn. (neg. 1461E); 120 neg.

5858 Effect of Karmex W at 2 lbs. per acre post-emergence on corn. (neg. 1462E); 120 neg.

5859 Untreated corn. (neg. 1463E); 120 neg. (2)

5860 Effect of 3 lbs. per acre Benzoic acid on corn. (neg. 1464E); 120 neg.

5861 Effect of Simazin at 6 lbs. per acre on corn. (neg. 1465E); 120 neg.

5862 Effect of 34 DB at 12 lbs. per acre on corn. (neg. 1466E); 120 neg.

5863 Vegetable Crops; photos by Mason, September 1956.

View of irrigation experiments of crops, East farm. After Fall pole bean harvest. (neg. 1468E); no neg.

5864 Vegetable Crops; photos by Mason, July 1956.

Irrigation on bush beans. Note plastic mulch on bush beans in foreground. (neg. 1469E)

5865-5866 W.A. Frazier examining beans; ca. September 1956; photo by Mason-PULLED

5867-5868 Sheep; photos by Mason, January 1957.

5867 Effect of antibiotic supplement on fattening lambs. (neg. 1473E)

5868 Control group of feeder lambs on antibiotic supplemented diet. (neg. 1474E)

5869-5874 Buildings; photos by Mason, December 1956.

5869 Interior view of roof ventilators built in new OSC broiler house. (neg. 1476E)

5870 View of vents combinations available in OSC broiler house. (neg. 1477E)

5871 Outside view of open ventilation system of new OSC broiler house. (neg. 1478E)

5872 Outside view of OSC broiler house showing vents open on one section. (neg. 1479E)

5873 View of OSC broiler house. (neg. 1480E)

5874 neg. 1481E

5875-5876 Chickens; photos by Mason, December 1956.

5875 Broilers using new OSC broiler house. (neg. 1482E)

5876 neg. 1483E

5877-5879 Ag. Engineering; photos by Mason, April 1957.

5877 Plowing. (neg. 1484E)

5878 Rolling. (neg. 1486E)

5879 neg. 1487E

5880-5886 Vegetable Crops; photos by Mason, April 1957.

5880 Vern Clarkson, OSC horticulturalist, prepares a seedbed for plastic mulching by fertilizing where plants eventually will be transplanted. (neg. 1488E)

5881 Vern Clarkson, OSC horticulturalist, hoes out trench which will form edge for plastic mulch when it is laid on ground. (neg. 1489E)

5882 Vern Clarkson, OSC horticulturalist, transplants tomatoes through hole cut in plastic. (neg. 1490E)

5883 Vern Clarkson, OSC horticulturalist, hoes dirt over edge of plastic mulch to hold down the plastic. (neg. 1491E)

5884 Vern Clarkson, OSC horticulturalist, rolls out plastic. (neg. 1492E)

5885 neg. 1493E

5886 neg. 1494E

5887 Weed Control; ???, 1955.

Effect of large scale sagebrush spraying trials in Grant County, 1955. Note dead sage, understory of grass. From Kodachrome by Don Hedrick. Hedrick has black and white of before picture. (neg. 1500E)

5888 Dairy Husbandry; photo by Mason, April 1957.

Dairy cows being fed dried beet pulp silage. (neg. 1501E)

5889 Ag. Chemistry; photo by Mason, March 1957.

Effect of wetting agent and its ability to spread chemicals evenly over plant leaves. Droplets in center are pure water. Shiny surface on leaves at left and right show effect of wetting agent added to the spray mixture. (neg. 1502E)

5890 Beef Cattle; ???, 1955.

View of Bear Valley range after large scale sagebrush spraying in 1955. From Kodachrome by Don Hedrick. (neg. 1504E)

5891 Home Economics; photo by Mason, June 1957.

Daily blood samples are taken before breakfast for analyzing vitamin needs. (neg. 1506E)

5892-5903 Beef Cattle; photos by Mason, June 1957.

5892 Lot 1 of cattle used on Milton feeding trial, Spring 1957. (neg. 1507E); 120 neg. a-b (2)

5893 Lot 4 of cattle used on Milton feeding trial, Spring 1957. (neg. 1508E); 120 neg. a-b (2)

5894 Lot 9 of cattle used on Milton feeding trial, Spring 1957. (neg. 1509E); 120 neg. a-b (2)

5895 Lot 5 of cattle on Milton feeding trial, Spring 1957. (neg. 1510E); 120 neg.

5896 Overall view of cattle on Milton feeding trial, Spring 1957. (neg. 1512E); no neg.

5897 Lot 12 of cattle on Milton feeding trial, Spring 1957. (neg. 1513E); 120 neg. a-c (3)

5898 Lot 11 of cattle on Milton feeding trial, Spring 1957. (neg. 1514E); 120 neg. a-b (2)

5899 Lot 10 of cattle on Milton feeding trial, Spring 1957. (neg. 1515E); 120 neg. a-b (2)

5900 Lot 7 of cattle on Milton feeding trial, Spring 1957. (neg. 1516E); 120 neg.

5901 Lot 8 of cattle on Milton feeding trial, Spring 1957. (neg. 1517E); 120 neg.

5902 Lot 2 of cattle on Milton feeding trial, Spring 1957. (neg. 1518E); 120 neg.

5903 Lot 3 of cattle on Milton feeding trial, Spring 1957. (neg. 1519E); 120 neg.

5904-5914 Weed Control; photos by Ontario, April 1957.

5904a W.R. Furtick, OSC farm crops researcher, views effect of 2 lb. simazin pre-emergence on corn, Ontario. (neg. 1520E); 120 neg.

5904b 4 lb. pre-emergence effect of simazin on corn. (neg. 1520E); 120 neg.

5905 4 lbs. chloro-APC applied pre-emergence--4 lbs. repeated post-emergence. (neg. 1521E); 120 neg. a-b (2)

5906 Effect of di-nitro general 3 lbs. pre-emergence on corn. (neg. 1522E); 120 neg.

5907 Weed control check plot on corn. (neg. 1523E); 120 neg.

5908a Effect of an unnamed weed killer, 10543 applied 2 lbs. post-emergence on sugar beets, Ontario. (neg. 1524E)

5908b Effect of an unnamed weed killer, 10543 applied 2 lbs. post-emergence on sugar beets, Ontario. (neg. 1524E)

5909 Effect of a 1. lb. Simazin post-emergence on corn, Ontario. (neg. 1525E)

5910 Effect of a Radox 4 lbs. and 2-4, D at 1 lb. post-emergence on corn, Ontario. (neg. 1526E)

5911 Left, 4lb. Radox and 1lb. 2-4, D. Right, check, Ontario, April, 1957. (neg. 1528E)

5912 Effect of a new chemical 6936 at 8 lbs. post-emergence on weeds and sugar beets. Ontario. (neg. 1529E)

5913 Effect of a new chemical 6936 at 8 lbs. post-emergence on weeds and sugar beets. Ontario. (neg. 1530E)

5914 Effect on 2-4, D 2lb. [pre-emergence. Ontario, April 1957. (neg. 1531E)

5915 Fertilizers; Photo by Mason, June 1957.

Cattle weighing at the Frank McClintock farm west of Condon. McClintock is one of the 10 Eastern Oregon ranchers who are cooperating with Experiment Station and County extension agents cattle feeding testing programs. These cattle are testing various levels of stilbesterol. Picture shows Dave England left recording weight, county extension agent Ernie Kirsch, right, handling chute. (neg. 1532E)

5916-5922 Fertilizers; Photos by Tom Jackson, April 1957.

5916 Lime response of alfalfa on the Mothersbaugh farm in Columbia county. (neg. 1534E)

5917 Potash response of alfalfa grass hay on the Lloyd farm

5918 Phosphorous and potash response on sub-clover at the Bob Frank farm in Douglas county. (neg. 1536E)

5919 Over-all view of fertilizer trials on sub-clover on the Bob Frank farm in Douglas county. (neg. 1537E)

5920 General view of the sub-clover improvement work in Douglas county. (neg. 1538E)

5921 Effect of fertilizers on sub-clover on the Bob Frank farm in Douglas county. Left, phosphorous and potash. Right, no fertilizer. (neg. 1539E)

5922 Sub-clover establishment trials Douglas county, rough seeded. (neg. 1540E)

5923 Weed Control; Photos taken April 1957.

Left, 6 lb. Radox, 1lb. 2-4, D on corn. Right, check. Ontario (neg. 1541E)

5924 Beef Cattle; Photo by Mason, June 1957.

Field day crowd at Milton June 1957 viewing lots of cattle on feed. (neg. 1542E)

5925 Fertilizers; Photo by Tom Jackson, May 1957.

Response of Phosphorous and sulfur on sub-clover at the Doener farm, Douglas county. (neg. 1543E)

5926 Grain Crops; Photo by Mason, August 1957.

Putting Hannchen barley from the bin into the truck, E.G. Mason farm, Jefferson. (neg. 1550E)

5927-5928 Tree Fruits; Photo by Mason, June 1957.

5927a Apple variety testing nursery at Lewis Brown farm, Corvallis. (neg. 1551E)

5929 Apple variety testing nursery at Lewis Brown farm, Corvallis. (neg. 1552E)

5929-5931 Daily Husbandry; Photos by Bill Reason, June 1957.

5929 Cows using an underpass constructed by the state highway department to get from field to barn, Tillamook county. (neg. 1554E)

5930 Cows on pasture, Tillamook county. (neg. 1556E)

5931 Cows using an underpass constructed by the state highway department to get from field to barn, Tillamook county. (neg. 1557E)

5932-5935 Weed Control; photos by Mason, July 1957.

5932 Effect of time of application on control of wild rosebushes by Don Hedrick, range researcher. Formulation was 2 lbs. 2,4-D and 2lbs. 2,4,5-T per gallon of water and sprayed until the foliage was saturated. Foliage was sprayed July 16, 1956. Fairly good foliage kill but note basal leaves. Too late for good control. (neg. 1558E)

5933 Effect of time of application on control of wild rosebushes by Don Hedrick, range researcher. Formulation was 2 lbs. 2,4-D and 2lbs. 2,4,5-T per gallon of water and sprayed until the foliage was saturated. Foliage was sprayed July 16, 1956. Fairly good foliage kill but note basal leaves. Too late for good control. (neg. 1559E)

5934 Effect of time of application on control of wild rosebushes by Don Hedrick, range researcher. Formulation was 2 lbs. 2,4-D and 2lbs.

2,4,5-T per gallon of water and sprayed until the foliage was saturated. Foliage was sprayed July 16, 1956. Fairly good foliage kill but note basal leaves. Too late for good control. (neg. 1560E)

5935 Effect of time of application on control of wild rosebushes by Don Hedrick, range researcher. Formulation was 2 lbs. 2,4-D and 2lbs. 2,4,5-T per gallon of water and sprayed until the foliage was saturated. Foliage was sprayed July 16, 1956. Fairly good foliage kill but note basal leaves. Too late for good control. (neg. 1561E)

5936 Pastures

General view of bulldozed, burned and ariel-seeded plots at OSC hill pasture. Area was burned in April, 1956, seeded in Sept. Testing the effect of bulldozing in Sept., 1955 or March of 56. (neg. 1563E)

5937-5945 Vegetable crops; Photos by Mason, August 1957.

5937 Vern Clarkson, OSC horticulturist, rolls out some black plastic. (neg 1564E)

5938 Beets growing with and without plastic. OSC vegetable farm. (neg. 1565E)

5939 Carrots growing with and without plastic. OSC vegetable farm. (neg. 1566E)

5940 Blue lake pole beans growing in plastic. OSC vegetable farm. (neg. 1567E)

5941 Tomatoes growing with and without plastic. OSC vegetable farm. Note unmulched plots. (neg. 1568E)

5942 Close up of tomato plants in plastic. (neg. 1569E)

5943 Beets in plastic. (neg. 1570E)

5944 Cucumber in plastic. (neg. 1571E)

5945 Lettuce growing in plastic. OSC vegetable crops farm. (neg. 1572E)

5946-5947 Weed Control; Photos by Harry Mack, July 1957.

5946a Effect of Simazin at 2 lbs. per acre(right) on control weeds in sweet corn. OSC vegetable crops farm, July 1957.

5946b Effect of Radox on burning beans. Left di-nitro and Radox. Note burning injury. Right, di-nitro and vegedex, no injury. (neg. 1574E)

5947 Effect of di-nitro and vegedex on weed control in beans. left, di-nitro and vegedex, no burn, yet weeds controlled. Right, check. (neg. 1575E)

5948 Fertilizers; Photos by Tom Jackson, July 1957.

Effect of phosphorous placement on alfalfa at the Red Soils Experiment Station. Left, fertilizer was placed directly under the seed. right, phosphorous was broadcast. (neg. 1578E)

5949-5953 Weed Control; photos by Dave Chilcote, July 1957.

5949a Effect of 150 lbs. boron German Mesquite. Applied Sept. 26, 1956. (neg. 1579E)
5949b Effect of 300 lbs. boron on German Mesquite. Applied Sept. 26, 1956. (neg. 1579E)
5950a Effect of Novan, 75 lbs. per acre, on German Mesquite, applied April 1957. (neg. 1580E)
5950b Effect of TCA, 100 lbs. per acre on German Mesquite, applied April 1957. (neg. 1580E)
5950c Effect of TCA, 100lbs. per acre on German Mesquite, applied Apr. 1957. (neg. 1580E)
5950d Effect of 30 lbs. ATA per acre applied April 1957. (neg. 1580E)
5951 Typical infestation in dock dairy pastures in the Astoria station. (neg. 1581E)
5952 Control of Canada thistle in a clover patch on the Jack Burkhart farm, Seaside. 8lbs. 2,4-D butyl ester sprayed July 1956. Sprayed plot left, control right. (neg. 1582E)
5953 Control of plantain in New Zealand white clover at the Astor station. Chemical was 4 lbs. 2,4-D in Butyric form. (neg. 1583E)

5954-5960 Grain Crops; Photos by Mason, July 1957.

5954 Trial at east farm on best planting date for winter grain--wheat, oats, barley. (neg. 1584E)
5955 Trial at east farm on best planting date for winter grain--wheat, oats, barley. (neg. 1585E)
5956 Trial at east farm on best planting date for winter grain--wheat, oats, barley. (neg. 1586E)
5957 Trial at east farm on best planting date for winter grain--wheat, oats, barley. (neg. 1587E)
5958 Trial at east farm on best planting date for winter grain--wheat, oats, barley. (neg. 1588E)
5959 View of Crater, a new oat variety, recommended to replace Gray Winter. Crater right, Gray Winter left. (neg. 1589E)
5960 Wilson Foote, OSC agronomist, examines inbred lines used in breeding work. (neg. 1590E)

5961-5965 Forage Breeding; Photos taken August 14, 1957.

5961 Experiment 6. (neg. 1592E)
5962 Experiment 10. (neg. 1593E)
5963 Isolation cages. (neg. 1594E)
5964a Culture 227, alta fescue, Experiment 10, sheep grazing. (neg. 1595E)
5964b Culture 230, L, Exp. 10, Sheep grazing. (neg. 1595E)
5964c Culture 216, Exp. 10. (neg. 1595E)
5965 FT. top 228, 215. 232, Exp. 6. (neg. 1596)

5966-5969 Turkeys; Photos by Mason, June 1957.

5966 Poult in range. Photo of Norman Steckley flock near Lebanon. (neg. 1597E)
5967 Shoveling grain to lower end of truck for movement by auger to feeder. Norman Steckley flock, Lebanon. (neg. 1598E)

5968 Normans Steckley, Lebanon turkey feeder, using home made auger to feed turkeys. (neg. 1599E)

5969 Turkeys of the Norman Steckley flock, Lebanon, using home made feeders. (neg. 1600E)

5970-5976 Small fruits; Photos by Bill Reasons, July 1957.

5970 George Waldo, USDA-OSC Horticulturist, examines berries from selection 1050, one of the newer and promising trailing berries developed at OSC. (neg. 1603E)

5971 View of Marion blackberry, a trailing berry developed at OSC. (neg. 1607E)

5972 View of exp. plots, a trailing berry developed at OSC. (neg. 1608E)

5973 View of blackberry seedling test plots at OSC horticultural farm. (neg. 1609E)

5974 Girl picking trailing berry hybrid No. 1063. (neg. 1612E)

5975 Miscellaneous selections hybrid lines being tested by George Waldo, OSC-USDA horticulturist at OSC. (neg. 1613E)

5976 Miscellaneous selections hybrid lines being tested by George Waldo, OSC-USDA horticulturist at OSC. (neg. 1614E)

5977-5978 Grain crops; Photos by Mason, August 1957.

5977 Wheat harvesting on the Frank Wilkinson place near Heppner on Morrow county. (neg. 1616E)

5978 Dick Wilkins, checks fire fighting equipment in wheat harvesting operation on his farm near Heppner. (neg. 1618E)

5979-5984 Sheep; Photos by Mason, August 1957.

5979 Ewes grazing summer range near Parkers Mill, 35 miles southeast of Heppner on the George Rugg sheep ranch. (neg. 1619E)

5980 Ewes grazing summer range near Parkers Mill, 35 miles southeast of Heppner on the George Rugg sheep ranch. (neg. 1620E)

5981 Loading February-dropped lambs at the George Rugg sheep ranch near Parkers mill, 30 miles south of Heppner. (neg. 1623)

5982 George Rugg, Heppner sheep rancher, kills coyote. Coyote serious prey on spring lambs. bitch was from spring litter. (neg. 1624E)

5983a Francisco Marin watches George Rugg order food and medical supplies to home base, about 30 miles away. Marin has been here since May, 1957. (neg. 1625E)

5983b George Rugg, Heppner sheep rancher, pouring water for one of his sheep herders. Holding water can is Remigomarin, newly arrived Basque who is training to be a sheep herder on Ruggs ranch. He has been here since May 1957. (neg. 1625E)

5983c Remigo Marin, Basque, standing in doorway of sheep herders trailer. (neg. 1625E)

5984a Remigo Marin, Basque, puts sick ewe into back of pickup. Ewe will be fed out on pasture, then used for coyote bait this fall. (neg. 1626E)

5984bc Santiago Marin, Basque, one of George Ruggs sheep herders. This will be his third year in October. (neg. 1626E)

5984d Francisco Marin, petting belled-weather. Weather is flock leader. (neg. 1626E)

5985a-c Beef Cattle; Photo by Mason, August, 1957.

Cowherd of Frank Wilkinson ranch, near Heppner. (neg. 1629E)

5986 Sheep; Photo by Mason, August 1957.

Trucking sheep from above Parkers Mill to Heppner rail junction. These were late ewes from George Rugg sheep ranch east of Parkers Mill. (neg. 1630E)

5987-5991 Soils; Photos by Birdsall, 1955.

5987 OSC soil testing laboratory technician running soil test for phosphorous. (neg. 1631)

5988 Marion county agent Don Rasmussen leaving soil sample at OSC soil testing lab. (neg. 1632E)

5989 Weighing out soil samples in OSC soil testing lab. (neg. 1633E)

5990 Soil scientist Larry Alban and laboratory technician. (neg. 1634E)

5991 Soil scientist Larry Alban and laboratory technician. (neg. 1636E)

5992-5994 Horticulture; Photos by Birdsall, Dec. 1957.

5992 OSC Horticulturist Elmer Hansen takes a reading on compressors that service more than 12,000 cubic feet of cold storage in horticulture department wing of colleges new Cordley Hall. (neg. 1637E)

5993 Thirteen 8 by 12 cold storage rooms and one ripening room in OSCs new Cordley hall will help horticulturist Elmer Hansen and co-workers with badly needed research to improve storage life of fruit, vegetables, and ornamental crops. (neg. 1638E)

5994 Betty Wang, horticulture department lab technician works at Kjeldahl apparatus for determining nitrogen content in plant tissue in new research facilities. (neg. 1639E)

5995-5997 Sheep; Photos by Bradshaw, March 1958.

5995 Student measuring wool staple length in wool testing laboratory. (neg. 1640E)

5996 A microaire for core-testing of wool. (neg. 1641E)

5997 Student washing a small wool staple. (neg. 1642E)

5998a-d Ag. Engineering; Photos by Mason, June 1957.

Oregon Grass Seeder developed for seeding depleted rangeland in eastern Oregon. (neg. 1643E)

5999-6002 Fertilizer; Photos by Mason, July 1957.

5999 Phosphorous placement on alfalfa at Red Soil Branch Station. (neg. 1644E)

6000 Potash response at Astoria Station. (neg. 1645E)

6001 Establishment of sub-clover in Douglas county range land. (neg. 1646E)

6002 Condition of seed-bed after planting of sub-clover on Douglas county rangeland. (neg. 1647E)

6003 Entomology; Photo by Goulding, 1957.

Application of 1.5% dieldrin dust to ewes for control of sheep ked. (neg. 1649E)

6004 Dairy Manufacturing; Photo taken November 1947.

Bulk-type hauling of milk from Eastern Oregon to Portland markets in refrigerated truck. Milk is piped into an inflated plastic container. On return trip, plastic bag is rolled up and truck can haul other goods. (neg. 1650)

6005 Swine; Photo by Mason, December 1957.

Injecting baby pigs with a new form of iron, for anemia prevention. (neg. 1651E)

6006 Food Technology; Photos by Mason, December 1957.

Lois Sather, food technologist slices meat samples from rib eye for eating quality tests of beef receiving stilbestrol treatments. (neg. 1653E)

6007 Entomology; Photo by Goulding, October 1957.

Ringworm and alopecia on OSC cattle. (neg. 1657E)

6008-6013 Dairy; Photos by Birdsall, April 1958.

6008 OSC trials comparing standard hay pellets with new wafers for dairy animals. (neg. 1658E)

6009 I.R. Jones, dairy scientist, offers new hay wafer to dairy cow in OSC trials comparing the wafer with standard alfalfa pellets. (neg. 1659E)

6010 OSC trials comparing standard hay pellets, baled hay, and wafers. Each kind represents 30 lbs. of hay. (neg. 1661E)

6011 Dr. I.R. Jones and Benj. Magill compare size of wafers and pellets. 30 lbs. of hay represented in each pile. (neg. 1662E)

6012 30 lbs. of pellets, wafers, and baled hay wrapped in plastic covers. (neg. 1663E)

6013 Cow eating ration of wafered hay used in standard trials for comparing standard hay pellets and the new form of wafers. (neg. 1665E)

6014 Ag. Chemistry; Photo by R. Birdsall, July 1958.

Soil scientist Larry Alban and laboratory technician. (neg. 1634E)

6015 Potato Greenhouses; Photo taken July 1958.

6016-6018 Poultry; Photos by Burton Berger, July 1958.

6016 Midget chicken held by Dr. Paul Bernier (right) compared to normal-size chicken held by Dr. George Arscott (left). Project hopes to develop small chickens that can lay as many eggs on less feed than normal-sized chickens. (neg. 1673E)

6017 Midget chickens (left) holds promise of equal egg production on less feed compared with normal-sized chicken (right). Project of Dr. Paul Bernier. (neg. 1675E)

6018-6020 Bacteriology

6018 Roy Stein and Elliker examine bacteria colonies in a petri dish. (neg. 1677E)

6019

6020 Mrs. Lois Sather, food technologist, and Roy Stein, superintendent of the dairy products laboratory, try new OSC-tested frozen strawberry topping on ice cream. (neg. 1683)

6023 Food Tech.

Mrs. Lois Sather, food technologist, and Roy Stein, superintendent of the dairy products laboratory, try new OSC-tested frozen strawberry topping on ice cream. (neg. 1683)

6024 Swine; Photo taken May 1959.

Swine exhibit -- OSC Beef-Swine Field Day, 1959.

6025 Animal Husbandry; Photo taken May 1959.

Swine exhibit -- OSC Beef-Swine Field Day, 1959.

6026-6027 Vegetables; Photo by Robert Birdsall, 1958.

6026 OSC field day visitors noted little damage to tender bean pods harvested by mechanical picker. Leafiness of the OSC Blue Lake--derived beans resulted in more trash in the harvested beans -- 5.4

percent compared to 3.1 percent for commercial type bush beans. (neg. 1691E)

6027 Beans conveyed to rear of machine were collected in sacks during OSC trial demonstrations. In commercial operations, beans would drop into half-ton capacity tote boxes mounted on rear platform. The harvester now sells for \$11,000 to \$12,000. (neg. 1692E)

6028 Fish and Game; Photo taken December 1959.

Self cleaning fish screen located on Berry Creek. See Oregons Ag. Progress, Winter, 1960. Picture not used. (neg. 1695E)

6029 Mink; Photo taken February 1960.

Lab equipment used in mink feeding experiments. (neg. 1703E)

6030 Food Tech.; Photo taken April 1960.

Green Bean Sticks and fritters developed by Lois Sather. (neg. 1705E)

6031 Bacteriology

The Oregon Respirometer, developed by C.M. Gilmour, displayed by Dante Roa, OSC grad student. See Oregons Ag. Progress, Spring, 1960. (neg. 1716E)

6032-6035 Horticulture

6032 Picture of Cliff Cordym County agent in Medford, examining graft union of declined pear tree. Used In Oregons Agricultural Progress, Summer, 1960.

6033 Cliff Cordy, Henry Hartman (in hat) and unidentified orchardist inspecting declined tree in Medford. Summer, 1960. (neg. 1718E)

6034 Henry Hartman examining fruit sprouts on pear tree in Medford area orchard. Used in Oregons Agricultural Progress, Summer, 1960. (neg. 1719E)

6035 Pear orchard showing decline. Photo taken in Medford alley. Used in Oregons Agricultural Progress, Summer, 1960. (neg. 1720E)

6036-6037 Branch Station; Photos taken Summer, 1960.

6036 Cattle on Squaw Butte range. Picture taken Summer, 1960. (neg. 1722E)

6037 Various views of Squaw Butte. Some showing improved range, others showing station herd grazing. Picture taken Summer, 1960. (neg. 1724E)

6038-6039 Entomology

6038 Dogs used in flea experiment. See Oregons Agricultural Progress, Summer, 1960. (neg. 1727E)

6039 Dr. Goulding and dogs used in flea experiment. See Oregons Agricultural Progress, Summer, 1960. (neg. 1726E)

6040 Swine

Swine photographed on College farm. Picture taken and used in Oregons Agricultural Progress, Summer, 1960. (neg. 1727E)

6041-6043 Entomology

6041 Mosquito larvae use in spray residue. Project under supervision of Dr. Terriere. Picture used in Oregons Agricultural Progress, Summer, 1960. (neg. 1728E)

6042 Pouring mosquito larvae used in spray residue testing though sieve - Dr. Terriere in charge. Picture used in Oregons Agricultural Progress, Summer, 1960. (neg. 1729E)

6043 Condenser used in spray residue testing. Picture used in Oregons Agricultural Progress, Summer, 1960 -- Dr. Terriere in charge of research. Man holding condenser is Ulo Kiigemagi, senior chemist in lab. (neg. 1730E)

6044 Dairy and Animal Husbandry

Applying milking machine to OSC dairy cow. Picture taken and used in Oregons Agricultural Progress, Summer, 1960. (neg. 1731E)

6046-6047 Ag. Economics

6046 Milk delivery man places dispenser in Portland home. Used Fall 1960 Oregons Agricultural Progress. (neg. 1733E)

6047 Dairyman fills milk dispensers to be delivered to Portland homes. Used in Fall 1960 issue of Oregons Agricultural Progress. (neg. 1734E)

6048-6051 Food Tech.

6048 Grad student makes butter concen

trate in lab. Used in Oregons

Agricultural Progress, Fall 1960. (neg. 1735E)

6049 Grad student makes butter concentrate in lab. Used in Oregons

Agricultural Progress, Fall 1960. (neg. 1736E)

6050 Grad student makes butter concentrate in lab. Used in Oregons

Agricultural Progress, Fall 1960. (neg. 1738E)

6051 Test panel tastes butter prepared in OSC lab. Used in Oregon s

Agricultural Progress, Fall 1960. (neg. 1739E)

6052 Vet Medicine

County Agent Wayne Mosher drenches sheep for parasites. Used in Oregons Agricultural Progress, Fall, 1960. (neg. 1740E)

6053 Ag Economics

John Kelly (son of Neil Kelly, 105 N.E. 31st, Portland 15) fills glass at milk dispenser in his kitchen. Used in Oregons Agricultural Progress. (neg. 1741E)

6054 Entomology

Dog used in flea experiment. See Oregons Agricultural Progress, Summer, 1960. (neg. 1742E)

6055 Ag Economics

Photos of Sunshine Dairy, Portland. Handling of milk dispensers. See story in Oregons Agricultural Progress, Fall, 1960. (neg. 1743E)

6056-6057 Entomology

6056 R.L. Goulding, OSC entomologist, administers a bolus of beef animal. (neg. 1744E)

6057 Flies in this beaker are used in insect resistance work. These particular flies are completely resistant to any kind of spray developed so far. See article in winter, 1961 issue of Oregons Agricultural Progress. (neg. 1747E)

6058 Dairy & Animal Husbandry

Dr. Fox, Dairy and Animal Husbandry, weighs lamb being used in estrogen studies. See article in winter, 1961 issue of Oregons Agricultural Progress. (neg. 1748E)

6059 Botany and Plant Pathology

Spraying for strawberry rot. See story in Oregons Agricultural Progress, Spring, 1961. (neg. 1749E)

6060 Horticulture

Lab assistant checks pears stored in poly bags for CO2 concentration. See story in Oregons Agricultural Progress, Spring, 1961. (neg. 1753E)

6061-6064 Beef Cattle; Photos by Birdsall, June 1961.

6061 Beef Day visitors inspect animals on feed trials at OSU beef barns. (neg. 1757E)

6062 Example of Hereford-

Charlet cross. Bred at Squaw Butte Branch

Experiment Station. March 1961. (neg. 1760E)

6063 Cattle on full-ration concentrate. Trials at OSU beef barn, February, 1961. (neg. 1761E)

6064 Cattle on full-ration concentrate. Trials at OSU beef barn, February, 1961. (neg. 1761E)

6065-6066 Pastures; Photos taken May 1961.

6065 Close-up of Velvet grass in pasture, May, 1961. (neg. 1763E)

6066 Velvet grass taking over a pasture. May, 1961. (neg. 1764E)

6067-6074 Chickens; Photos taken May 1961.

6067 Broilers near market size at operation east of Harrisburg. (neg. 1765)

6068 Oregon requires considerable quantities of feed for broiler production. Package broiler feed at the Albers Mill in Eugene. (neg. 1766E)

6069 Broilers cut and wrapped and ready for distribution to supermarkets. May 1961 (neg. 1767E)

6070 Broiler chicks at an operation east of harrisburg. May 1961. (neg. 178E)

6071 Bulk delivery of feed for broiler operations in Oregon is a common thing. Much of the feed is now handles on a contract basis. May, 1961. (neg. 1769E)

6072 Cutting and wrapping broilers for supermarket sales. May 1961. (neg. 1770E)

6073 Much of the broiler feed in the Willamette valley is imported from other areas. This shows box cars being unloaded at the Albers mill in Eugene. May 1961. (neg. 1771E)

6074 Broilers ready for market. May 1961. (neg. 1772)

6075-6076 Turkeys; Photos taken January 1961.

6075 Turkeys hatching at the OSU Breeding house. January 1961. 6076 J.A. Harper, poultry nutritionist at OSU examining turkey polts hatching OSU poultry ouse. (neg. 1774E)

6077 Weed Control; Photo taken May 1961.

Effect of shading experiments on velvet grass seedling survival. (neg. 1775E)

6078a-d Entomology

6078a Preparation of artificial alkali bee beds. Plastic and drain tile are used to insure proper soil moisture conditions. Photo by Bill Stephens, 1959. (neg. 1776E)

6078b Partial filling of the bee bed site with proper soil. Both soil moisture and salinity are important for artificial propagation of these bees. (neg. 1776E)

6078c Complete bee bed that is in use. It is estimated that it these bees will increase alfalfa seed yield tenfold. (neg. 1776E)

6078d Close-up of bee bed. (neg. 1776E)

6079-6080 Mint - Spec. Crops; Photos by Mason, July 1960.

6079abc Windrowing mint east of Jefferson. (neg. 1777E)

6079d Loading windrowed mint into hauling truck. Truck bed is also used for distilling operation. (neg. 1777E)

6080ab Distiller lid is being raised after mint distillation. (neg. 1778E)

6080c Concentrated mint oil coming out of distiller tube. (neg. 1778E)

6081-6082 Branch Stations; Photos by Mason, June 1961.

6081a Overall shot of alfalfa trials at Re Soils Branch Experiment Station. (neg. 1779E)

6081b Omar wheat that has been attacked by striped rust Red Soils Experiment Station. (neg. 1779E)

6082a Feeding lots at the Squaw Butte Experiment Station, Burns. March, 1961. (neg. 1781E)

6082b Cattle on copper injection trials at Squaw Butte Experiment Station. (neg. 1781E)

6082c Cattle on field trials at the Squaw Butte Experiment Station. March, 1961. (neg. 1781E)

6083-6084 Fertilizers

6083a Exp. 207 Astoria Experiment Station. July, 1960. Low rate of K. (neg. 1782E)

6083b Adequate lme and P, K zero. Good grass but no clover. (neg. 1782E)

6083c LPK, good stand clover and orchard grass. Time and place same as above. (neg. 1782E)

6083a Exp. 207 Astoria Experiment Station. July 1960. L, 6 Tones; P, 100 lbs. 1K zero. (neg. 1783E)

6083b No lime or K, no clover, mostly bentgrass. (same place and time)

6083c Adequate lime, P, K, good stand clover and orchard grass. (neg. 1783E)

6084-6085 Potatoes; Photos taken November 1960.

6084 Mechanical Harvesting - Wiley Clowers Farm. Potatoes on ground are taken out by eliminators. (neg. 1785E)

6085abc Beating potato vines -- Carlson farm, Culver. November, 1960.

6085d Two row

digger used to place potatoes on top of ground ready for mechanical harvester as shown in picture 1751-3-4E. (neg. 1786E)

6086-6087 Fertilizers; Photos by Tom Jackson, June 15, 1961.

6086a Effect of phosphorous (P_2O_5) on pasture mixtures in Tillamook County. Mixture contained New Zealand white clover (left) with, (right) without Phosphorous and potash. Plot at left received lime only. (neg. 1787E)

6086b Same as No. 1 except for the fertilizer treatment. This plot received all three treatments. (neg. 1787E)

6086c Same as No. 1 except check plot instead of fertilizer treatment. Note lack of orchard grass in stand. (neg. 1787E)

6087a Same as 1757a except this plot received lime and phosphorous only. (neg. 1788E)

6087b Same as 1757a except this plot received lime only. (neg. 1788E)

6087c Effect of phosphorus on barley in pasture in Polk County trial. Plot on left, 80 lbs. of nitrogen, 40 lbs of P_2O_5 . Plot on right, 80 lbs. of nitrogen, no phosphorus. (neg. 1788E)

6087d Effect of Phosphorous of application of phosphorous in Polk County barley trial. Both plots received 40 lbs. P_2O_5 and 80 lbs. of N. Phosphorus on plot on left was banded, broadcast on plot on right. (neg. 1788E)

6088 Beef Cattle; Photo taken May, 1961.

Cows and Calves grazing on seeded range. Bert Eggelson ranch. Enterprise. May 1961. (neg. 1791E)

6089 Soils; Photo by Joseph, May 1961.

Old woven wire and junk are used for ditch lining to prevent further erosion after filling. Henry Klages & sons ranch. (neg. 1792E)

6090 Forage Crops; Photo by Joseph, March 1960.

Harold Klages loads hay with a farmhand. Hay will be fed to brood cows near a calving barn. Henry Klages & Sons ranch, Joseph. (neg. 1794E)

6091-6122 Aerial Photos; Photos by Mason, April 1958.

6091 View of OSU Beef barn. (neg. 1796E)

6092 View of OSU campus as seen from the west side. (neg. 1797E)

6093 View of OSU campus from west angle. This shows some plts as well as horse and sheep barns. May, 1961. (neg. 1798E)

6094 View of OSU campus from north angle. May, 1961. (neg. 1799E)

6095 View of OSU greenhouse on OSU campus. February 28, 1958. (neg. 1800E)

6096 View of OSU beef and hog barns. May, 1961. (neg. 1802E)

6097 View of OSU entomology farm. May 1961. (neg. 1803E)

6098 View of OSU campus taken at an east angle. (neg. 1804E)

6099 Distant view of OSU campus and agricultural area. May 1961. (neg. 1805E)

6100 View of OSU plant pathology farm. May 1961. (neg. 1806E)

6101 View of OSU Lewis Brown farm. May 1961. (neg. 1807E)

6102 View of OSU east vegetable and plant pathology farms. May 1961. (neg. 1808E)

6103 View of OSU turkey farm. May 1961. (ne. 1810E)

6104 OSU Dairy and Beef Barns and pastures. May 1961. (neg. 1811E)

6105 OSU Poultry and entomology farms. February 28, 1958. (neg. 1812E)

6106 View of OSU entomology and poultry farms. February 28, 1958. (neg. 1813E)

6107 View of OSU beef and sheep barns. February 28, 1958. (neg. 1815E)

6108 View of OSU poultry farm. February 28, 1958. (neg. 1816E)

6109 View of OSU campus from East angle. May 1960. (neg. 1817E)

6110a East OSU farm and vegetable crops research farm. May 1961. (neg. 1820E)

6110b OSU viewed from a north angle. May 1961. (neg. 1822E)

6111 OSU Lewis Brown Farm. May 1961. (neg. 1824E)

6112 OSU vegetable farm. May 1961. (neg. 1825E)

6113 OSU hopyard and old vegetable farm. May 1961. (neg. 1826E)

6114 OSU dairy barn and pastrures. May 1961. (neg. 1827E)

6115 OSU hyslop agronomy farm. May 1961. (neg. 1828E)

6116 OSU hyslop agronomy farm. May 1961. (neg. 1829E)

6117 OSU plant pathology farm. May 1961. (neg. 1830E)

6118 Machinery shed at OSU vegetable farm. May 1961. (neg. 1832E)

6119 View of OSU beef barn. May 1961. (neg. 1833E)

6120 OSU vegetable crop and hop experimental farm. May 1961. (neg. 1834E)

6121 View of OSU campus showing the central portion. March 29, 1958. (neg. 1835E)

6122 View of OSU campus from north angle. March 28, 1958. (neg. 1836E)

6123-6124 Sheep; Photos by Birdsall, October 1962.

6123 Retail cut-out values of lamb as a means of evaluating their sires are reviewed by (l. to r.) Oregon sheepmen Walter Shumway, McMinnville, and Omar Moffitt, Brothers; and OSU animal scientist Dr. C.W. Fox. (neg. 1842)

6124 New wool fabrics with shrink-resistance are compared with wool clothing that shrank by (l to r) Eddie Ahrens, Turner purebred sheep

breeder; Dr. Harold Lundgren, head of the USDA wool research laboratory at Albany Calif. where the process was developed; Ronald Hogg, Salem purebred sheep breeder; and Roy Ward, manager of Pacific Wool Growers, Portland. (neg. 1843)

6125-6126 Horticulture

6125 R. Garren, checking bean plants for radioactivity Nov. 1961. (neg. 1845E)

6126 R. Garren checking radio-autograph of strawberry leaves treated with radioactive Maleic Hydrozide. (neg. 1846E)

6127-6131 Pastures; Photos taken Spring 1961.

6127 Innoculated sub clover plant, in lower left corner, is healthy and vigorous. Legumes not effectively inoculated are the right. Group next to the pencil. (neg. 1849E)

6128 Agronomist McGuire checks seed burs in ungrazed sub clover pasture. He advises close grazing on summer forage to make sure clover seeds germinate in fall. Soil surface must be nearly bare. (neg. 1850E)

6129 Subclover will not germinate and become established the following year if a mat of forage covers seed, left. Result: grasses will dominate pasture mixture. Seeds will grow in grazed area, right. Summer 1961. (neg. 1852E)

6130a Fir planted on oak-thinned grazed plot did not grow as fast as trees planted on cleared plots. (neg. 1853E)

6130b Ungrazed oak-thinned plot did not produce as much fir growth as thin grazed plot. (neg. 1853E)

6131a Douglas-fir seeding growth increased tremendously in areas where scrub oak had been clear cut and where sheep had grazed a few weeks each spring, compared to ungrazed area. (neg. 1854E)

6131b Douglas-fir grew fast in cleared and ungrazed plots, but not as fast as in grazed plot at left. (neg. 1854E)

6132-6136 Entomology; Photos taken Fall 1961.

6132 Effect of insect parasites on bark beetle are studied in this experiment on Marys peak. (neg. 1856E)

6133 Resin pressure in Douglas-fir can be measured by means of a gauge inserted in the trees sapwood. (neg. 1857E)

6134 Ability of natural predators and parasites to kill Douglas-fir bark beetles is tested inside cage sections of this log. Various densities of parasites are being tested. Uncaged sections of log are controls--where natural parasites are introduced. (neg. 1858E)

6135 Entomologist J.R.

Rudinsky notes fluctuations in resin pressure of Douglas-fir. He has found that resin pressure is a good index of how well a tree may or may not resist mass beetle attacks. (neg. 1859E)

6136 One way to reduce bark beetle damage is to remove trees already killed by beetles. This reduces exposure of good timber to beetle flights. Foreground and patches of clear-cut areas are examples. (neg. 1860E)

6137 Vegetable Crops; Photo taken 1961.

Mechanical harvester being tested on onions in Malheur county. Fall 1961. (neg. 1861E)

6138 Grain Crops; Photo taken Summer 1961.

Barley harvesting at the Ed Jenks farm, Shedd, Summer 1961. (neg. 1869E)

6139 Pastures; Photo taken Spring 1961.

Agronomists Frank Crofts(left), and Bill McGuire check the ability of commercial inoculum to fix nitrogen on sub clover. Spring 1961. (neg. 1871)

6140-6143 Bacteriology; Photos taken January 1962.

6140 Plastic box containing an dinoculated mouse is positioned beneath an X- ray machine. Bacteria from which is inoculated is made can withstand radiation doses to as much as 5 to 6 million roentgens. (neg. 1872E)

6141 White mouse has been injected with a preparation of *micrococcus radiodurans* -- a new bacteria discovered by OSU scientists -- is being fitted into a plastic box for radiation exposure. (neg. 1873E)

6142 This mouse is being inoculated prior to an experiment. Injected mice have lived for months after radiation treatment. (neg. 1874E)

6143 Effective bacterial inoculation shown by these two mice. Both received the same amount of radiation. Rat on right received a protective bacteria inoculation and lived; the other mouse died shortly after this picture was taken. (neg. 1875E)

6145-6146 Beef Cattle; Photos by Walter W. Klages, June 1961.

6145 Cow being treated for pink eye. Henry Klages and Sons ranch, Joseph, Oregon. Cow is held in chute, spray can medication is being used. (neg. 1883E)

6146 Cattle being sprayed with DDT for the control of lice and hornflies. Henry Klages ranch, Joseph, Oregon. (neg. 1886E)

6147 Small Fruits; Photo taken July 1962.

W.A. Sheets, horticulturist at the North Willamette branch experiment station examines evergreen blackberries that are planted in a hedge. (neg. 1889E)

6148

6149-6150 Vegetable Crops; Photo taken July 1961.

6149 high school students simulate harvesting of some of W.A. Fraziers Blue Lake bush beans. Plants are pulled from soil, pods picked, mechanical harvesting does the same thing except leaves and other trash are often included. (neg. 1891E)

6150 Effects of fertilizer, planting dates, spacing and irrigation treatments on new bean selections are studied by OSU horticulturist Harry Mack. Quality, yields measured. (neg. 1892E)

6153-6156 Fertilizers

6153 Effect of potassium on potash on barley, OSU Hyslop farm plot at left received nitrogen, but no potash or phosphorus. Plot at right receive nitrogen as well as potash and phosphorus. (neg. 1897E)

6154 Effect of P₂O₅ on barley. Left, nitrogen but no phosphorus, right, nitrogen with phosphorus. Neither plot received potash. (neg. 1898E)

6155 Effect of planting date on barley yields, Hyslop farm, 1962. Plot at right was planted about April 1. Plot at left planted May 15. (neg. 1899E)

6156 Effect of potash on alfalfa, 1961. Both plots received optimum amounts of lime. Plot at left received no potash. Plot at right received potash. (neg. 1900E)

6157-6160 Food Technology; Photos taken July 1962.

6157 Outside view of Bio-Products, Inc. commercial firm now making fish hatchery pellets based on the OSU formulation. Plant is located near Astoria. (neg. 1901E)

6158 Overall shot showing two types of extrusion equipment now being used to produce the OSU formulation in the factory near Astoria. (neg. 1902E)

6159 Extruded pellets being sized to eliminate fines as they come out of press. Pellets, based on results of research at OSU and cooperation of the fish commission are being produced by Bio-Products, Inc. a commercial firm now making the pellets. (neg. 1903E)

6160 Dough like combination of dry meals and wet fish products are being put into the extruder at the Bio-Products plant near Astoria. (neg. 1904E)

6161-6162 Swine; Photos taken February 1962.

6161 Two groups of pigs have been raised on slatted floors, and lagoons have yet to be cleaned. Slatted floors for these pigs are made by 2 x 4's. (neg. 1905E)

6162 Mash screen floors have proven as satisfactory as wooden slats. Nine gauge flat steel is used. (neg. 1906E)

6163-6164 Food Technology

6163 Reconstituted freeze-dried ham, left. Dried but not reconstituted ham slice, right. (neg. 1907E)

6164 Ham being placed into oven first step for freeze-drying. (neg. 1908E)

6165 Swine

Hogs fed dehulled barley plus wood cellulose gained more than hogs fed whole barley. (neg. 1909E)

6166-6167 Forage Breeding; Photos by Birdsall, 1955.

6166 J. Ritchie Cowan in forage breeding plots at Hyslop farm. (neg. 1911E)

6167 J. Ritchie Cowan and graduate student harvesting experimental forage plots at Hyslop farm. (neg. 1913E)

6168-6172 Pendleton Brush; Photos by Birdsall, Summer 1963.

6168 D.W. George and Merrill Oveson discuss use of Stauffer Chemical material to control stripe rust disease in wheat. Sheaf on right received treatment. (neg. 1914E)

6169 D.W. George, Pendleton station agronomist, shows control of striped rust through the use of Stauffer Chemical experimental material. Sheaf on right received treatment. (neg. 1915E)

6170 Chas. Rohde, Pendleton Station, in plots of spring barley. (neg. 1916E)

6171 Field day visitors inspecting winter barley trials at Pendleton station. (neg. 1917E)

6172 M.M. Oveson discussing grain trials at Pendleton station at 1963 field day. (neg. 1918E)

6173-6177 Grain crops; Photos by Birdsall, Summer 1963.

6173 Idaed spring wheat (left) at Pendleton station showed resistance to stripe rust. Lemhi (right) highly susceptible. (neg. 1919E)

6174 New strain of Omar wheat at Pendleton station with resistance to stripe rust. Chas. Rohde, (left, background). (neg. 1920E)

6175 Brevor wheat (foreground) loddged badly after 160 lbs. of nitrogen, while Gaines wheat in background increased yields at same N. rate and didnt lodge. At extreme right, Brevor at rates up to 80 lbs. N. did not lodge. At Malheur branch station with Luther Fitch. (neg. 1922E)

6166 Brevor wheat (foreground) loddged badly after 160 lbs. of nitrogen, while Gaines wheat in background increased yields at same N. rate and didnt lodge. At extreme right, Brevor at rates up to 80 lbs. N. did not lodge. At Malheur branch station with Luther Fitch. (neg. 1923E)

6167 E.N. Hoffman, Malheur station, inspects head-row trials of Vale barley being tested to develop breeder seed. (neg. 1924E)

6178-6179 Weed Control; Photos by Birdsall, Summer 1963. (neg. 1925E)

6178 Wheat plot in ofreground at Pendlton has been choked out by cheatgrass, while atrazine-treated plot where researcher is standing is relatively free of weeds. (neg. 925E)

6179 Spraying weeds along roadside in Malheur branch station. (neg. 1926E)

6180 Plant Pathology; Photo by Birdsall, Summer 1963

Testing onions for resistance to pink root at Malheur station are (l. to r.) Paul Pack, OSU research assistant, Dr. Gilbert McCollum, USDA geneticist at Parma (Idaho) branch station; and DeLance Franklin, supt. of Parma station. (neg. 1927E)

6181 Hort. Fruits; Photo by Birdsall, Summer 1963.

Experimental strawberry for processing being examined at Malheur station by Luther Fitch. (neg. 1928E)

6182 Grain Crops; Photo by Birdsall, Summer 1963.

Grain fertility trials at malheur station. Barley in foreground followed grass; in background followed alfalfa and lodged badly when both received same rates of nitrogen. (neg. 1929E)

6183 Entomology; Photo by Birdsall, Summer 1963.

Station for leafcutter bees at Malheur station. (neg. 1931E)

6184 Specialty Crops; Photo by Birdsall, Summer 1963.

Close-up of Lenore flax at Malheur station showing pods and seeds on paper background. (neg. 1939E)

6185-6186 Irrigation; Photos by Birdsall, Summer 1963.

6185 Luther Fitch setting siphon tubes on onion plots at Malheur station. (neg. 1942E)

6186 Luther Fitch setting siphon tubes on onion plots at Malheur station. (neg. 1946E)

6187-6190 North Willamette Exp. Station; Photos by Birdsall, Summer 1948.

6187 North Willamette branch station. (neg. 1948E)

6188 Field day at North Willamette branch station. (neg. 1949E)

6189 Field day at North Willamette branch station. (neg. 1950E)

6190 Field day at North Willamette branch station. (neg. 1951E)

6191-6192 Ag. Engr.; Photos by Calvert, July 1963.

6191 Experimental model: machine using and indent cylinder to achieve partial separation of seed samples, particularly of mixes. From left: Oren Justice, research botanist in field crops & animal sciences branch, AMS; Ed Hardin, seed technologist, and Byron Mikkelsen, assistant in ag. engineering. (neg. 1954E)

6192 Experimental model: machine using and indent cylinder to achieve partial separation of seed samples, particularly of mixes. From left: Oren Justice, research botanist in field crops & animal sciences branch, AMS. (ne. 1956E)

6193-6199 Umatilla Branch Station; Photos by Birdsall, September 1962.

6193 Swine testing pens at Umatilla branch station. (neg. 1957E)

6194 Pat Kaseberg, Wasco rancher, and J.C. Miller, OSU, at beef feedlots, Umatilla branch station. (neg. 1960E)

6195 1962 Field Day at Umatilla branch station. (neg. 1962E)

6196 Field Day visitors inspect swine feeding pens at Umatilla branch station. (neg. 1963E)

6197 Feedlots under construction at Umatilla branch station, Hermiston. 1961 (neg. 1964E)

6198 Feedlots under construction at Umatilla branch station, Hermiston. 1961 (neg. 1965E)

6199 Feedlots under construction at Umatilla branch station, Hermiston. 1961 (neg. 1966E)

6200 Beef; Photo by Birdsall, about 1960.

Feeding pellets to beef cattle at OSU. (neg. 1967E)

6201 Sheep; Photo by Birdsall, about 1960.

Sheep being tested on pelleted ration at OSU. (neg. 1968E)

6202 Swine; Photo by Birdsall, about 1960.

Pigs being tested on pelleted ration at OSU. (neg. 1969E)

6203-6206 Malheur branch station; Photos by Birdsall, Summer 1961.

6203 Alfalfa isolation screen houses at Malheurs branch station. (neg. 1970E)

6204 Alfalfa being tested in isolation at Malheur branch station. (neg. 1971E)

6205 Healthy onion on left with good root system contrasts with one on right attacked by pink root. (neg. 1972E)

6206 Screening for onion resistance to pink root at Malheur station. (neg. 1973E)

6207-6211 Vegetables; Photo by Birdsall, about 1958.

6207 Pole bean field at OSU. (neg. 1974E)

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6212-6214 Weed Control; Photos by Birdsall.

6212 Field day visitors at OSU Weed Control test plots. (neg. 1979E)

6213 Field day visitors at OSU weed control test plots. (neg. 1980E)

6214 Field day visitors at OSU weed control test plots. (neg. 1981E)

6215-6215 Ag. Chem; Photos by Birdsall, 1962.

6215 Running chemical tests for carotene in samples of wafered, pelleted, and chopped hay. (neg. 1983E)

6216 Running chemical tests for carotene in samples of wafered, pelleted, and chopped hay. (neg. 1984E)

6217-6218 Ag. Engr.; Photos by birdsall, 1961.

6217 Experimental blackberry harvester being tested in Marion county. (neg. 1987E)

6218 Experimental blackberry harvester being tested in Marion county. (neg. 1986E)

6219 Eastern Ore. branch sta.; Photo by Birdsall, 1961.

J.A.B. McArthur and Vance Pumphrey checking alfalfa hay at Eastern Oregon branch station, Union. (neg. 1988E)

6220 Sheep; Photo by Chuck Poulton.

Farm Forestry can make oak land more productive. Research at OSU shows that careful sheep grazing can speed replacement of oak by Douglas-fir. (neg. 1989E)

6221-6222 Swine; Taken Spring 1963.

6221 Injuries may interfere with nursing and are sources of infection. (neg. 1996E)

6222 Simple structures below, prevents drafts, provides warmth especially necessary for small pigs. (neg. 1997E)

6223 Sheep; Taken Spring 1963.

Experimental digestion stalls used as method of analyzing feeds. (neg. 1999E)

6224 Chickens; Taken Spring 1963.

Barley can replace corn in all-mash ration without affecting egg production. (neg. 2000E)

6225 Vegetable crops-beans; Taken Spring 1963.

Bean samples are drawn at the receiving dock before the product enters the plant. (neg. 2002E)

6226 Forage Crops; Taken Spring 1963.

Flowering is the best time to harvest rye. (neg. 2003E)

6227-6230 Swine; Photos taken Fall 1963.

6227 Healthy pigs--whether large or small at birth and weaning--gain at different rates. Differences in rate of gain from 60 to 200 pounds do not depend on either birth weight or weaning weight. (neg. 2005E)

6228 Birth weights vary from about 1 pound to 4 pounds per pig even in the same litter. (neg. 2006E)

6229 These weaned littermates weighed 3.2 and 1.5 pounds respectively at birth. Note how differences in size at birth increase with age. (neg. 2007E)

6230 These pigs weigh the same, but pig on the left is 2 weeks older than pig on the right. Birth weights were 1.3 and 2.7 pounds, respectively. (neg. 2008E)

6231 Entomology; Photo taken Fall 1963.

Sardara Sohi, OSU research assistant places pea plants in controlled environment chamber to learn effects of different conditions on virus susceptibility. (neg. 2010E)

6232 Irrigation; Photo taken Fall 1963.

Irrigation plus nitrogen applications will increase yields 10-fold when corn is seeded to white land or Dayton soils. (neg. 2013E)

6233 Soils; Photo taken Spring 1964.

Soil fumigation plots at the North Willamette Experiment Station are covered with polyethylene sheet to prevent escape of highly volatile fumigant gases. (neg. 2014E)

6234-6238 Horticulture; Photos taken Spring 1964.

6234 Tests are underway at the North Willamette Station to find if a low- volatile fumigant can control nematodes and symphlans, yet will not burn growing plants nor leave residues. (neg. 2015E)

6235 Soil fumigants can affect root development of strawberry plants. Plant on left was taken from a fumigated area, plant on right from a nonfumigated area. (neg. 2016E)

6236 Harvey Tofte, Canby examines soil for depth and persistence of fumigants. (neg. 2017E)

6237 Deep cultivation is necessary 10 days after fumigation to release chemical. (neg. 2018E)

6238 Soil fumigants can affect the size of strawberry plants, too. This field was not fumigated. (neg. 2019E)

6239 Beef Cattle; Photo taken Spring 1964.

Calves herded from feedlots to scales. (neg. 2021E)

6240-6248 Grain Crops; Photos taken Fall 1964.

6240 Gaines, being harvested here on Masons farm. (neg. 2023E)

6241 Drumchamp harvest on Masons farm. (neg. 2024E)

6242 Gaines harvest on Masons farm. (neg. 2025E)

6243 Wheat harvest on Masons farm. (neg. 2026E)

6244 Farmer drives his loaded truck into grain storage warehouse. (neg. 2027E)

6245 treated plot(right) had fertilizer, N, and phosphorus banded in the fall, with 120 pounds actual N applied in mid-March. Check plot had no fertilizer. (neg. 2028E)

6246 Tailgate is removed, the cab of the truck is lifted, the wheat pours through the gate into storage below. (neg. 2029E)

6247 The last of his wheat crops is swept through the grate. (neg. 2030E)

6248 Straw strength of Gains (left) is superior to Druchamp when grown after vegetable crops or where an excessive rate of nitrogen is used. (neg. 2031E)

6249-6250 Chickens; Photos taken Fall 1964.

6249 The heavier broiler(left) was on a corn diet. The lighter one was fed wheat. Both are males--six weeks and five days old when photographed. (neg. 2032E)

6250 Yolk score is determined by comparing yolk color with a color wheel numbered from 1 (off-white) to 24 (dark orange). (neg. 2033E)

6251 Beef Cattle; Photos taken 1964.

Rations, right to left: 85% barley, 10% beet pulp pellets; 75% wheat, 20% alfalfa; 95% wheat. five percent molasses in each; barley and wheat steam rolled. (neg. 2034E)

6252-6253 Swine; Photos taken Fall 1964.

6252 Hog at right drinks from trough while others eat from self-feeder. (neg. 2035E)

6253 Hog gains and carcass quality were about the same for the group fed wheat as for those fed barley in two series of experiments at the Umatilla station. (neg. 2036E)

6254 Grain Crops; Photo taken Fall 1964.

C.R. Rohde, OSU agronomist, looks over the new wheat variety. (neg. 2037E)

6255-6257 Entomology; Photos taken Spring 1965.

6255 L.C. Terriere (left) works out a pesticide research problem with chemist Donald A. Griffin. (neg. 2039)

6256 Karen Evinger, OSU sophomore, pours a plant extract through column to separate various compounds in it. (neg. 2040E)

6257 Ulo Kiigemagi, OSU chemist, injects a pesticide from an unknown sample into a gas chromatograph. (neg. 2041E)

6258 Veterinary; Photo taken Spring 1965.

S.E. Knapp (left), OSU veterinary parasitologist and snail expert J.N. Shaw check to see in which habitat snails grow best. (neg. 2042E)

6259 Foods

Oregon's food processing industry employs many people. (neg. 2044E)

6260 Beef Cattle

Beef carcasses in the cooler. (neg. 2045E)

6261 Swine

Breaking pork sides into wholesale cuts on the packing plant. (neg. 2046E)

6262 Foods

The prepared meats section in an Oregon Meat packing plant. (neg. 2047E)

6263 Dairy Manufacturing

One man plus a large capital investment in milk bottling machinery. (neg. 2048E)

6264 Turkeys

Processing Oregon turkeys a week before Thanksgiving. (neg. 2049E)

6265 Vegetable Crops

Processing and canning carrots for institutional use. (neg. 2050E)

6266 Tree Fruits

Grading and sizing pears. (neg. 2051E)

6267 Greenhouse, Nursery Crops

Digging an order of magnolias. (neg. 2052E)

6268 Foods

Storing Oregon processed vegetables and fruits. (neg. 2053E)

6269 Entomology - Bees; Photo by Don Wright, August 1965.

Occasional stings are an occupational hazard, says Dr. Burkhard Schriker, and entomologist from Germany who is studying the effects of insecticides on bee behavior. Schriker is only half joking when he says he has worked around the feeding stations so much that the bees now associate him with food and follow him around. (neg. 2054E)

6270 Agricultural Engineering; Photo by Len Calvert, Summer 1964.

Byron Mikkelsen, left, Ag. Eng. assistant. Ed Hardin, right, seed technologist. Examining new seed separator developed by OSU. (neg. 2058E)

6271-6272 Agricultural Engineering; photo by Len Calvert, Fall 1963.

6271 Louisa Jensen in seed lab, OSU. (neg. 2059E)

6272 Ed Hardin at work in seed lab. (neg. 2061E)

6273 Food Technology; Photo by Calvert, 1964.

Al Day and food colleagues setting up a food evaluation experiment. (neg. 2062E)

6274**6275 Dairy - Pastures; photo by R.G. Fowler, Jr., August 1949.**

View of the improved ladino clover and perennial ryegrass pastures on the Ralph E. Cope II farm located near Langlois, in Curry County. In the foreground is a portable 6" electric main line. The Copes farmstead is in the background. (neg. 2474)

Extension and Experiment Station Communications Photographs (P 120)

6276 tobacco; ca. 1908

6277 pea viner with R.E. Maling; ca. 1938

6278 drainage pasture; ca. 1938

6279 two farmers reading poster regarding wheat allotment meeting, Morrow Co.; ca. August 1933;
no print

6280-

6288a ca. 1938

6280 sprayer farm machinery

6281 pump

6282 dairy

6283 onions

6284 onions

6285 sugar beets, ground

6286 grinding sugar beets for cattle feed

6287 lettuce

6288 walnut tree

6288a treshing peas; no print

6289 farmer getting gas from the cooperative machinery; Morrow Co.; ca. 1933; no print, nitrate neg.
only

6290-6393 ca. 1938

6290 pump

6291 rake

6292 spraying

6293 spraying

6294 barn drain

6295 barn building

6296-6297 liquid manure wagon

6298-6299 pea picking

6300 peas

6301 pea picking (same as 6303)

6302 melons

6303-6304 pea picking
6305 pea weighing
6306 cucumber picking
6307 grapes
6308 corn
6309 prunes
6310-6311 tomatoes
6312-6314 pears, Pinnacle Packing Company, Medford, ca. 1930
6315-6317 planting onions
6318 potato cellar, Klamath Falls, Oregon?
6319 potato sorting in cellar, Klamath Falls, Oregon?
6320 cave girl with grapes
6321 tomato field
6322-6336 plums
6337-6341 Diamond Lake
6342-6347 Crater Lake
6348 lighthouse
6349-6360 coastal scenes
6361 stumpland
6362 4-H Beeking project, Tillamook 4-H Bee Club
6363-6365 4-H Calf project
6366-6367 4-H Embroidery project
6368-6369 4-H Capentry project
6370 4-H Dairy project
6371-6393 dairy cows grazing
6394 diary indoor stalls; ca. 1933-1938
6395 cheese making
6396-6397 Brookmead Dairy
6398 sheep
6399 Lambing sheds; Morrow Co.; ca. 1933; no print, nitrate neg. only
6400-6403 Farm house in Jackson Co.
6404-6407 cedar
6408-6409 harvesting
6410 threshing
6411-6413 harvesting
6414 thrashing
6415-6418 harvesting

6419-6421 thrashing
6422 thrashing dry peas
6423 pastures
6424 pastures in Douglas Co.
6425-33 pastures
6434 pastures owned by William Cyrus
6435-39 pasture
6440 Cooperative Cannery
6441-6447 cattle
6448 home economics extension; no print, nitrate neg. only
6449 home economics extension; Home Demonstration meeting; ca. 1933; no print, nitrate neg. only

6450 home economics extension; County home Extension Committee with home demonstration agent; no print
6451-
6461 a home economics extension
6461 b infested corn cob
6462 cranberries
6463-6464 cranberry bog
6465-6466 Charlie Deere; turkeys
6467 Henry Domes and White Holland turkeys
6468-6471 turkeys
6472 Mrs. Herman; turkeys
6473 Polk co. Demonstration Farm
6474 chicken house
6475 Stanley Coates with chicken, ca. 1935 (1941 OSU graduate, County Extension agent for Santa Rosa, CA)

Extension and Experiment Station Communications Photographs (P 120)

6476 Beef - Animals; Photo taken by R.G. Fowler, Jr., April 1951.
Three-year old cows behind corral fence after having been separated from their calves on Joe Oliver ranch, John Day. Calves were separated for branding. (neg. 1418)

6477-6481 Beef - Bulls; Photos by R.G. Fowler, Jr., June 1948.
6477 Range Bulls with Oliver Bros. cow herd, John Day. (neg. 2632)
6478 Measuring length of bull by means of calipers. Profilometer is used in conjunction with calipers to obtain profile reading for determining dwarfism characteristics. Holding calipers in Jim Elings, OSC Extension Animal Husbandman. Photo by B.A. Peterson, 1953. (neg. 1864)
6479 Profilometer (held by Jim Elings, OSC Extension Animal Husbandman) measuring bull=s profile for determining dwarfism characteristics. Photo by B.A. Peterson, 1953.(neg. 1865)
6480 Measuring width of head of bull by means of calipers. Profilometer is used in conjunction with calipers to obtain profile reading for determining dwarfism characteristics. Holding calipers in Jim Elings, OSC Extension Animal Husbandman. Photo by B.A. Peterson, 1953. (neg. 1867)
6481 Range bulls with Oliver Bros. cow herd, John Day. (neg. 2631)

6482-6485 Beef - Equipment; Photos by Mason, may 1956. (neg. 1954)
6482 Livestock scales at OSC beef barn. Photo taken in May 1956 for use in Extension circular on scales. (neg. 1954)
6483 Type of stack fence used at Joe Oliver ranch, John Day, to surround hay bale stack. Feeding around stack edge eliminates labor of hauling. (neg. 1422)

6484 16 x 5 feet cottonseed cake self feeder used by Joe Oliver, John Day, Oregon. It holds more than 1 ton and is filled through a hinged board in roof. Note deep overhang to prevent snow and rain from wetting cake. One left: Oliver and, right, W.K. Farrell, Grant county extension agent. (neg. 1427)
6485 Livestock scales at OSC beef barn. Photo taken in May 1956 for use in Extension circular on scales. (neg. 1955)

6486-6490 Beef - Feeding; Photos by R.G. Fowler, Jr., February 1951.
6486 View of Harry Stearns feed lot near Prineville. (neg. 1374)

6487	Beef cows and calves eating hay on winter feed ground at Joe Oliver day. (neg. 1423)	ranch, John
6488	Cows and calves being fed hay at the Joe Oliver ranch, John Day, (neg. 6488)	Oregon. (neg.
6489	On the J.P. Adams= farm near Junction City beef animals are shown in a section of his 60 x 240' beef feeding barn. The feeding bins handled like a dairy loafing shed and scraped periodically to salvage the manure. during the 1947-48 winter Adams kept 450 head. His return in manure was 1,000 ton of cleaning every two months. (neg. 2350)	
6490	Interior view of the beef feeding barn owned by J.P. Adams, Junction City. Taken from the combination 16' center alley-way and feed bin. The scene shows a portion of the animals over-wintered during 1947-48 season. (neg. 2351)	
6491-6504	Beef - General; Photos by R.G. Fowler, Jr., June 1948.	
6491	Range scene in the Bear valley area of Grant county. Oliver Bros. 2636)	cattle. (neg.
6492	Range scene in the Bear Valley area of Grant county. Oliver Bros. 2634)	cattle. (neg.
6493	Range scene in the Bear Valley area of Grant county. Oliver Bros. 2635)	cattle. (neg.
6494	Range scene in the Bear Valley area of Grant county. Oliver Bros. 2637)	cattle. (neg.
6495	Range scene in the Bear Valley area of Grant county. Oliver Bros. 2638)	cattle. (neg.
6496	Joe Oliver. Pic taken in Bear valley area of Grant county when Oliver cattle were being driven onto summer range. (neg. 2659)	Bros.
6497	Oliver Bros. cow herd on way to summer range near John Day. (neg.	2664)
6498	Oliver bros. cow herd on way to summer range near John Day. (neg.	2665)
6499	Oliver bros. cow herd on way to summer range near John Day. (neg.	2666)
6500	Oliver bros. cow herd on way to summer range near John Day. (neg.	2668)
6501	Oliver bros. cow herd on way to summer range near John Day. (neg.	2670)
6502	Oliver bros. cow herd on way to summer range near John Day. (neg.	2671)
6503	Oliver bros. cow herd on way to summer range near John Day. (neg.	2672)
6504	Oliver bros. cow herd on way to summer range near John Day. (neg.	2673)
6505-6512	Beef - General; Photos by Birdsall, about 1960.	
6505	Wild hay land on the old AP@ Ranch near Frenchglen. (neg. 6505)	
6506	Highest desert stream running through the old AP@ near Frenchglen. 2842)	(neg.
6507	Oliver bros. cow herd on way to summer range near John Day. (neg.	2661)
6508		
6509	Oliver bros. cow herd on way to summer range near John Day. (neg.	2667)
6510	Oliver bros. cow herd on way to summer range near John Day. (neg.	26662)
6511	With Joe Oliver=s ranch house in background behind corrals, scene Day valley. (neg. 1424)	shows John

- 6512 Range scene in the Bear valley area of Grant county. Oliver Bros. cattle. (neg. 2639)
- 6513-6517 Beef - Pastures; Photos by R.G. Fowler, Jr., May 1952.
- 6513 Polled Herefords grazing on pasture owned by Walter Fisher, Caus, Clackamas county. (neg. 1711)
- 6514 Hereford steers being fattened on irrigated pasture of alta fescue and ladino clover on the Hubert Willoughby farm near Harrisburg in Linn county. (neg. 6514)
- 6515 Beef animals are shown gazing on a pasture mixture located on the J.P. Adams= farm near Junction City. Adams seeded a mixture of Ladino clover, alta fescue, chewing fescue, meadow fox tail, perennial ryegrass at the rate of 18 pounds per acre. In 1947 his return was 800 pounds of beef per acre. This farm, formerly in truck crops, is being farmed as a truck-beef combination. (neg. 2347)
- 6516 Beef animals are shown gazing on a pasture mixture located on the J.P. Adams= farm near Junction City. Adams seeded a mixture of Ladino clover, alta fescue, chewing fescue, meadow fox tail, perennial ryegrass at the rate of 18 pounds per acre. In 1947 his return was 800 pounds of beef per acre. This farm, formerly in truck crops, is being farmed as a truck-beef combination. (neg. 2348)
- 6517 Cattle grazing in Harney County. (neg. 2904)
- 6519-6521 Buildings - Silo; Photos taken by R.G. Fowler, Jr., February 1951.
- 6519 Trench silo opening out of an old potato cellar on the Harry Stearns ranch, Prineville. Pit is 12 feet wide in the bottom; 14 feet wide on top and is 200 feet in length. In background is 36 x 48 foot cellar now used for machinery storage and turn around for silage hauling equipment. Shown empty pit has been used for potato silage. (neg. 1381)
- 6520 Entrance to trench silo on the Harry Stearns ranch, Prineville, is through door of old potato cellar. The building, used for machinery storage, also serves as a turn around for silage hauling equipment and machinery storage. (neg. 1382)
- 6521 Metal silo on the Frank Gratsinger farm, Gervais. Silo filling with grass underway. (neg. 1451)
- 6523-6524 Conservation - Drainage; Photos by R.G. Fowler, June 1949.
- 6523 Open ditch drainage system is shown in Linn county, Oregon. (neg. 2440)
- 6524 Drag-line shovel is shown digging a drainage ditch in Linn County. (neg. 2441)
- 6525-6535 Conservation - General; Photos by R.G. Fowler, Jr., June 1950.
- 6525 Bottom hay meadow in Grant county that has been tiled to improved drainage. (neg. 978)
- 6526 Intermediate wheat grass seeded in new grasses waterway on the ACrow@ place in Umatilla county. Rex Warren, farm crops specialist, is in picture. (neg. 1160)
- 6527 Gullying which takes place in what fields when waterways are not protected is shown here in photo taken during March in Sherman county. (neg. 1655)

6528 Spring wheat planed during June in fallow serves as protection for waterway the following winter and spring. When winter wheat is planted, farmers find they can farm right through it. By winter, the spring wheat has stooled to and extent where it provides ground cover. Man shown is Thomas Thompson, Sherman county extension agent. Photo taken near Wasco. (neg. 1656)

6529 Spring wheat planed during June in fallow serves as protection for waterway the following winter and spring. When winter wheat is planted, farmers find they can farm right through it. By winter, the spring wheat has stooled to and extent where it provides ground cover. Man shown is Thomas Thompson, Sherman county extension agent. Photo taken near Wasco. (neg. 1657)

6530 Farm pond built on the George Schaeffer farm, Boring, provides recreation opportunities as a swimming, fishing and picnic site. Water may also be used for irrigation or fire protection. Man with dog is George T. Schaeffer. (neg. 1713)

6531 Erosion on wheat land in northeastern Wasco county. (neg. 2184)

6532 Erosion on wheat land in northeastern Wasco county. (neg. 2186)

6533 Erosion on wheat land in northeastern Wasco county. (neg. 2188)

6534 A view of sand dunes near the beach at the town of Gearhart in Clatsop county showing the excellent cover of Holland grass which protects from sand erosion. This is part of the area which was organized as the town of Clatsop by the Oregon legislature in the late 1800's for the primary purpose of preventing grazing of livestock on these dunes with resultant destruction of the grass. (neg. 2291)

6535 A blow area among the grass covered sand dunes of the beach near Gearhart in Clatsop county. This photograph shows what happens when the vegetative cover on these dunes is broken such as close grazing with livestock. (neg. 2292)

6537-6551 Conservation - Irrigation; Photos by J.W. Scheel. May 1949.

6537 Close-up of a single sprinkler shown in operation during the Linn county irrigation field day May 18 on the Hubert Willoughby farm near Harrisburg. This particular sprinkler head can be converted in the corner of a field or garden and will spray a triangular section rather than a circle if desired. (neg. 2284)

6538 Low angle sprinklers are shown at work in the Hood River orchard owned by Robert Nunamaker. Orchard is also seeded to a permanent cover crop. Nunamaker has found that the permanent cover crop has helped prevent erosion. (neg. 2489)

6539 Irrigation sprinklers going on a ladino clover pasture south of Corvallis. In July, this 4-acre pasture was supporting 32 heads of stock. (neg. 1490)

6540 String of gypsum moisture blocks in soil. Blocks are plugged into meter to show amounts of moisture in soil at different levels. OSC Vegetable experimental farm. (neg. 2122)

6541 Irrigation sprinklers in operation on the Hubert Willoughby farm near Harrisburg in Linn county as part of the irrigation demonstration May 18, 1949. (neg. 2285)

6542 View of farm pond owned by F.A. Campbell, Rt. 1, Amity. Campbell was among the first farmers in the Willamette Valley to have an irrigation system. It was established in the spring of 1928. (neg. 2438)

- 6543 View of dam on the F.A. Campbell farm, Rt. 1, Amity, is shown. Campbell started his irrigation system in 1928 and was among the first farmers in the Willamette Valley to have an irrigation system. (neg. 2439)
- 6544 Sagebrush rangeland at Fremont, Silver Lake Highway. Photo by Marvin Shearer. (neg. 6544)
- 6545 Fort Rock from highway between Fremont and Ft. Rock, Spring 1964. (neg. 2864)
- 6546 Strawberries - Yamhill County, Ingram Island. (neg. 2865)
- 6547 This orchard near Hood River Oregon belongs to Bill Hazeltine. He has been using gypsum blocks for scheduling irrigations since 1955. This orchard is sprinkler irrigated. (neg. 2866)
- 6548 Man made Farm Reservoir for use in irrigation and fish, Washington County. (neg. 2867)
- 6549 Poor drainage caused this Sedge problem on pasture near Sixes, Ore. Curry county. Land will be cleared and planted to improve pasture grasses. (neg. 2868)
- 6550 Yamhill County Agent, Wayne Roberts, checking strawberries near Dayton. (neg. 2869)
- 6551 Farm Reservoir - Holding pond collecting run-off water from surface irrigation - Jefferson Co. (neg. 2871)
- 6552 Bruce Meland, graduate student, checks a high volume air sampler instrument used for recording pollutants in air, produced by burning grass seed fields. Experiment to study air pollution from field burning was carried on during summer of 1965. (neg. 2888)
- 6553 Bruce Meland, graduate student, checks a high volume air sampler instrument used for recording pollutants in air, produced by burning grass seed fields. Experiment to study air pollution from field burning was carried on during summer of 1965. (neg. 2889)
- 6554 Burning off the rye grass seed field, with air sampler in background. The instrument is used for recording pollutants in air, produced by burning grass seed fields. Experiment to study air pollution from field burning was carried on during summer of 1965. (neg. 2890)
- 6555 Burning off the rye grass seed field, with air sampler in background. The instrument is used for recording pollutants in air, produced by burning grass seed fields. Experiment to study air pollution from field burning was carried on during summer of 1965. (neg. 2891)
- 6556-6559 Crops - General; Photos by Calvert, September 1962.
- 6556 View of spring flax. Ken Wetgen place, route 1, Halsey, Oregon. (neg. 1846)
- 6557 Onion drying experiments, Lake Labish. Fan for moving air. (neg. 2910)
- 6558 Onion drying experiment, Lake Labish. Polyethylene wrap of onions. (neg. 2913)
- 6559 Warren Kronstad with farmers in wheat plot, Clackamas County. (neg. 2914)
- 6561-6565 Crops - Grass; Photos by R.G. Fowler, Jr., July 1950.
- 6561 Field of Tualatin oatgrass in rows and cut and shocked preparatory for threshing for seed on the R.W. Schaad farm, La Grand. Note wind damage to shocks. (neg. 1157)
- 6562 Binding in progress on field of red fescue on the R.W. Schaad farm, La Grand. (neg. 1158)

6563 B-27 bluegrass planted in rows for seed production on the Howard Wagner farm near Imbler in Union county. (neg. 6563)

6564 Alta fescue in 28 inch rows in the Howard Wagner farm near Imbler in Union county. Scene taken after field was cut, bound and shocked preparatory to threshing. (neg. 1206)

6565 Alta fescue in 28 inch rows in the Howard Wagner farm near Imbler in Union county. Scene taken after field was cut, bound and shocked preparatory to threshing. (neg. 1207)

6566-6567 Crops - Range grass; Photos by Birdsall, Summer 1961.

6566 Cattle around Love Reservoir in Baker county. (neg. 2855)

6567 Abandoned homesteader=s shack in Baker county. (neg. 2858)

6568 Crops - Legumes; Photo by Marvin Shearer, August 1964. Subclover crop orchard Polk Co., Elliot Prune Orchard. (neg. 2870)

6569-6570 Crops - Potatoes; Photos by J.W. Scheel, October 1946.

6569 This huge spud from a Klamath Basin field is displayed in the window of the Klamath County Chamber of Commerce to impress visitors. (neg. 108)

6570 Klamath Basin potatoes go to market under a variety of brands of which these three are samples. The name Klamath appears somewhere on every bag. (neg. 109)

6572-6573 Dairy - Animals; Photos by R.G. Fowler, Jr., July 1948.

6572 Shown are registered Jerseys belonging to Herman J. Merz, Ada, Oregon. This herd has an exceptionally high butterfat production record. (neg. 36)

6573 Cows entering a lane on the Ralph Cop farm, Langlois, on their way to be milked. (neg. 1282)

6577-6578 Dairy - Equipment; Photos by Don Taylor, March 1966.

6577 1-Walking through milk parlor, OSU dairy unit.
2-Washing udders before milking, OSU dairy unit.
3-Milk and feed meters in milking parlor, OSU dairy unit.
4-Milk and feed meters, pyrex pipeline, OSU dairy unit. (neg. 2901)

6578 1-Milkers enter milking records for each cow, OSU dairy unit.
2-Milk pipelines, OSU dairy unit.
3-Tank truck used to transport milk to dairy processing plant, OSU dairy unit.
4-1000 gallon tank truck, milk flows directly into truck and is carried to dairy processing unit, OSU dairy unit. (neg. 2902)

6579 Dairy - Housing; Photo by Don Taylor, May 1967.

Holstein steer feeding trials, with high energy rations and diethylstilbestrol, at the old Oregon Breeders Service unit at Fairplay. Ray Kliewer, OSU Department of Animal Sciences, and extension dairy science specialist Harold Ewalt. (neg. 2901)

6580 Dairy - Pastures; Photo taken 1946.
Pastures of alta fescue, ladino, clover, perennial ye, lotus major, and orchard grass mixture. (neg. 590)

6583-6587 Equipment - General; Photos by Don Taylor, December, 1965.

6583 Clyde Wendell and Rollie Haag, A.C. Haag Equipment Co., Salem Oregon,
 installs Slow moving vehicle emblems on all farm and industrial equipment. (neg. 2893)

6584 Well drilling. (neg. 2905)

6585 Tractor and disc. (neg. 2920)

6586 Safety devices for spraying. (neg. 2921)

6587 Roto-tiller, Nursery in Multnomah county. (neg. 2923)

6591-6602 Equipment - Irrigation; Photos by M. Shearer, 1964.

6591 Wheel-move system in peas in Union County near LaGrande. Forrest Cooper
 farm. (neg. 2872)

6592 Leak end plug results in reduced pressure and poor distribution of irrigation
 water. (neg. 2873)

6593 Application rate too high, results in standing water in low spots. (neg. 6593)

6594 Risers not high enough to clear crop. Results in poor distribution. (neg. 2875)

6595 ASolid@ irrigation in pole beans. System is laid out in spring and not moved
 until after harvest. (2 other photos in series) (neg. 2876)

6596 ASolid@ irrigation in pole beans. System is laid out in spring and not moved
 until after harvest. (2 other photos in series) (neg. 2877)

6597 ASolid@ irrigation in pole beans. System is laid out in spring and not moved
 until after harvest. (2 other photos in series) (neg. 2878)

6598 Strawberries being irrigated in Washington County - Cecil Hendricks farm. (neg.
 2879)

6599 Pears sprinkler irrigated -- Don Haseltine orchard, Perkdale, Ore. Pears on
 ground have been picked for thinning. (neg. 6599)

6600 Hollis Ottaway (County Agent), Don Davidson (farmer) and Bill Smith visit about
 sprinkler irrigation on summer squash. St. Paul area in Marion county. (neg. 2881)

6601 Moisture meters (top) and evaporation pans (bottom) in pear orchard at Hood
 River. (neg. 6601)

6602 The Dalles irrigation project. (neg. 6602)

6606-6612 Fertilizer - Trial; Photos by J.W. Scheel, July 1947.

6606 These tomato plants in the Albert Waters= garden illustrate the
 importance of soil fertility in growing vegetables successfully. The large plants at the right are on
 ground which received a liberal application of poultry manure and the two small plants at the left did
 not receive the benefit of manure. Other vegetables in the garden show a similar striking contrast
 between manured and untreated ground. (neg. 223)

6607 By mistake, skips were left in this pasture on the John Strebbin farm, Gresham,
 when 100 pounds of ammonium nitrate per acre was spread. Note difference in grass where skips
 show. (neg. 1143)

6608 Crimson clover grown on Polk clay loam soil from the Roy King farm, Union
 Hills in Marion county. The soil was taken from a field of Chewings fescue that has been in for
 about eight years. (neg. 1310)

6609 Spring seeded Federation wheat is showing growing in a plot on the Jim Crow
 demonstration area near Athena in Umatilla county. Check strip is in center where Jerry Whitney

and Art King are standing. On left where Hesp Claron is standing, the plot received 120 pounds of anhydrous ammonia. Plot on right received 60 pounds of anhydrous ammonia. On this plot area, it has been seeded three years to wheat--alternate two years were fallow. Note color difference. (neg. 1484)

6611 Calcium nitrate trials on wheat in Umatilla county. Photo shows check plot--no--fertilizer--and 100 pounds of actual N per acre. Note differences in wheat size and number of heads. (neg. 1769)

6612 Calcium nitrate trials on wheat in Umatilla county. Photo shows check plot--no--fertilizer--and 100 pounds of actual N per acre. Note differences in wheat size and number of heads. (neg. 1770)

6613 Forestry - General; Photo by R.G. Fowler, Jr., August 1951.
Cutting pulpwood with a chain saw in the forestry demonstration area operated by the Columbia county fair board. (neg. 1568)

6614 4-H - General; Photo by R.G. Fowler, Jr., April 1952.
This sign erected by the Gilliam County 4-H Club Leaders association greets motorists as they approach Condon, the county seat. (neg. 1686)

6615-6620 Fur Farming - Mink; Photos by R.G. Fowler, Jr., January 1952.

6615 Mink in individual wire cages on the OSC experimental fur farm. (neg. 1626)

6616 Mink in individual wire cages on the OSC experimental fur farm. (neg. 1625)

6617 Photo by Bob Birdsall. (neg. 2704)

6618 Photo by Bob Birdsall. (neg. 2703)

6619 Photo by Bob Birdsall. (neg. 2702)

6620 Photo by Bob Birdsall. (neg. 2701)

6621 Horses - General; Photo by R.G. Fowler, Jr., June 1948.
Saddle horses in corral at Oliver Bros. ranch, John Day. (neg. 2651)

6622-6623 Horticulture - General; Photos by R.G. Fowler, Jr., July 1948.

6622 Mt. Hood in background seen through a young orchard in the Parkdale district of Hood River county. (neg. 2158)

6623 Precision seeder, Vegetable farm. (neg. 2915)

6624-6631 Horticulture - Berries; Photos taken 1946.

6624 Ever bearing Gem strawberries on the Ralph Friesen Farm near Colver in Jefferson County, representative of the high yielding specialty crops that can be grown in this area with irrigation. Mr. Friesen was harvesting about 80 flats of berries per week from his 2.5 acre patch of strawberries in Mid-August, 1946, when this photograph was taken. The strawberries were planted in the spring of 1946. (neg. 157)

6625 Strawberry pickers - Clifford Kenagy Farm, Seavy Road, Corvallis. June 1963.
(neg. 2822)

6626 Strawberry pickers - Clifford Kenagy Farm, Seavy Road, Corvallis. June 1963.
(neg. 2823)

6627	Strawberry pickers - Clifford Kenagy Farm, Seavy Road, Corvallis. (neg. 2824)	June 1963.
6628	Strawberry pickers - Clifford Kenagy Farm, Seavy Road, Corvallis. (neg. 2825)	June 1963.
6629	Strawberry pickers - Clifford Kenagy Farm, Seavy Road, Corvallis. (neg. 2826)	June 1963.
6630	Strawberry pickers - Clifford Kenagy Farm, Seavy Road, Corvallis. (neg. 2827)	June 1963.
6631	Strawberry pickers - Clifford Kenagy Farm, Seavy Road, Corvallis. (neg. 2828)	June 1963.
6631	Harvesting cranberries in Bandon, Nov. 1967. (neg. 2922)	
6632-6635 Horticulture - Tree Fruits; Photos taken 1968.		
6632	Mechanical tree harvesters. (neg. 2916)	
6633	Mechanical tree harvesters. (neg. 2917)	
6634	Mechanical tree harvesters. (neg. 2918)	
6635	Mechanical tree harvesters. (neg. 2919)	
6636-6638 Plant Pathology - General; Photos by R.G. Mason, June 1956.		
6636	White strip in background shows how Silver Top diseases is creeping Chewings Fescue north of Oregon City. (neg. 1958)	across field of
6637	Silver Top disease is starting to spread into Chewings Fescue stand (right infested stand to the left of fence on farm north of Oregon City. (neg. 1960)	from heavily
6638	White strip at far end of distant Chewing Fescue north of Oregon City how Silver Top disease is spreading through grass seed stand. (neg. 1962)	shows
6640-6643 Poultry - General; Photos taken 1960.		
6640	Dr. Paul Bernice with mini-layers. (neg. 2926)	
6641	Mini-Layer with regular bird. (neg. 2927)	
6642		
6643	Ray Novotny, Harney County Agent, talks with rancher. (neg. 2907)	
6644-6649 Range; Photos by Birdsall, June 1961.		
6644	Sagebrush range in foreground can't yield as much as the hill behind, of sage by fire. Any range with as much sage as this can be improved. Carrying capacity on the burned part doubled. (neg. 2795)	cleared
6645	Seeded range, crested wheat grass and alfalfa, left, versus unimproved, If sagebrush occupies half the land, it takes half the moisture and cuts the possible yield in half. Elliot ranch, southern baker County. (neg. 2796)	right.
6646	Native bunch grass, right, above Lookout Mountain in east side of ran over part of range to right. Bunchgrass made fine recovery. (neg. 2798)	county. Fire
6647	Freeman seeded range, Sutton Creek. J.A. Freeman and son have acres of improved range. (neg. 2799)	hundreds of
6648	Spraying range to kill sagebrush, rabbit brush, lupine, and other	

unwanted plants. Many thousands of acres of Baker County range can be made more productive by spraying. (neg. 2802)

6649 Two alfalfa roots -- Nomad alfalfa 5 year old. Both cut off by gophers, one about 6 inches deep, the other fully a foot below surface. Both making new crowns. This alfalfa is practically immune to gopher attack. Whenever alfalfa will grow it should be included in sage seedings, using not over one pound to the acre. Ed McCanse ranch, near North Powder, Union County. (neg. 2803)

6650-6652

6653-6661 Sheep - General; Photos by J.W. Scheel, June 1947.

6653 Scenes of the State Dog Trials at Turner, June 7. 1947. (neg. 166)

6654 Scenes of the State Dog Trials at Turner, June 7. 1947. (neg. 168)

6655 Ewe in holding pens on the P.P. Barry ranch 80 miles east of Lakeview in Guano valley. They were being put through a DDT dusting machine to control ticks. (neg. 766)

6656 Eastern Oregon range sheep scene. (neg. 847)

6657 R.A. Ward, manager of Pacific Wool Growers Association, is shown judging fleeces at the 1948 Turner Lamb Show. (neg. 1019)

6658 Portable combination lamb shed and warm weather shelter used by Ronald Hogg, Salem, Oregon Hampshire breeder. Hinged rear and front walls may be opened during warm weather to form shaded area. The building is also skid mounted to facilitate moving in order to spread manure. Shown here, building is in use as a lambing shed with plank floor and panels added. (neg. 1333)

6659 Hampshire sheep on OSC experiment station. (neg. 1594)

6660 Southdown ewe owned by A.W. Oliver, Corvallis, killed by dogs. (neg. 1601)

6661 Shown is view of the Glenn Cox farmstead with registered Suffolk lambs and ewes in foreground. Ranch is located near Blodgett in western Benton County. (neg. 2354)

6662

6663-6688 Sheep - Management; Photos by R.G. Fowler, Jr., June 1950.

6663 Dusting sheep with DDT dusting machine on the P.P. Barry ranch 80 miles east of Lakeview to control ticks. In foreground are shorn ewes after they have gone through the duster. (neg. 746)

6664 Dusting sheep with DDT dusting machine on the P.P. Barry ranch 80 miles east of Lakeview to control ticks. In foreground are shorn ewes after they have gone through the duster. (neg. 751)

6665 Bill Berndt, Salem, is shown spraying sheep for ticks on a Marion County farm using a power outfit. (neg. 970)

6666 Automatic feeder used by Charles Swango, route 2, Eugene, to fatten lambs. Building measures 10 by 16 and holds 100 sacks of chopped grain. It is skid mounted for easy moving, and lambs eat under cover to protect them from the rain. (neg. 1215)

6667 Self feeders on alta fescue pasture used by Charles Swango, route 2, Eugene, to fatten lambs. (neg. 1218)

- 6668 Lambs being fattened on alta fescue clover mixture on irrigated farm in Lane
County. Place owned by Charles Swango, early Willamette valley irrigator. (neg. 1219)
- 6669 Lambs being fattened on alta fescue clover mixture on irrigated farm in Lane
County. Place owned by Charles Swango, early Willamette valley irrigator. (neg. 1221)
- 6670 Lambs being fattened on alta fescue clover mixture on irrigated farm in Lane
County. Place owned by Charles Swango, early Willamette valley irrigator. (neg. 1222)
- 6671 Lambs being fattened on alta fescue clover mixture on irrigated farm in Lane
County. Place owned by Charles Swango, early Willamette valley irrigator. (neg. 1224)
- 6672 In frequently used panels, sliding gate is a time-saver on Ronald Hogg farm,
Salem. Rex Warren, OSC, shown here. (neg. 1317)
- 6673 Type of feeder used by Ronald Hogg, Salem Hampshire breeder, is portable, uses a
minimum of lumber and can be used for long grain. Top rails, set at a 45 degree angel, have a
tendency to Acenter@ feed and avoid over-the-side waste. Feeder measures 8 feet long by 28 inches
in width. (neg. 1318)
- 6674 Ronald Hogg, Salem, shown giving a new born lamb a dose of castor oil. (neg.
1324)
- 6675 Farm worker on Ronald Hogg farm, Salem, is shown dipping a lamb=s navel
in iodine as an infection preventative. (neg. 1325)
- 6676 Panel arrangement on Ronald Hogg farm, Salem. Lambs and ewes are
confined in panels placed on blocked-up planks. Hog believes keeping the lambs cooler
assists in preventing scours. After each ewe and lamb is removed, the pen is cleaned and sprinkled
with super-phosphate before new bedding is added. (neg. 1326)
- 6677 Ronald Hogg, Salem, ear tagging Hampshire lamb. (neg. 1328)
- 6678 Combination shelter and labing shed used by Ronald Hogg, Sale, Hampshire
breeder. Interior view showing panels set up. The shed with hinged front and back opened makes
shade during summer months--is on skids to distribute manure. (neg. 1330)
- 6679 Workman on the Ronald Hogg farm, Salem, shown weighing a lamb shortly after its
birth. He follows a progeny testing program. (neg. 1331)
- 6680 Ronald Hogg, Salem, putting elastrator on lamb=s tail to dock it. (neg. 1334)
- 6681 View of lambing shed on Walter P. Hubbard farm near Junction City. Note
brooders to dry and warm lambs. Each is equipped with a 150 watt bulb in a homemade aluminum
reflector. (neg. 1360)
- 6682 Type of breeder used by Walter P. Hubbard, Junction City Hampshire and
Suffolk breeder. Unit shown costs less than \$10. It stands out a foot from the wall and is made from
sheet aluminum. Bulb is 150 watt. Note rubber covered cord to eliminate fire hazard. (neg. 1365)
- 6683 Four-way cutting out chute built on the OSC experiment station. Robert DeBaca,
graduate student, foreground. (neg. 1591)
- 6684 Professor O.M. Nelson is shown laying tied fleece on plywood shelf while a helper
tramps the fleeces in the bag. (neg. 1675)
- 6685 Combination ewe feeder and lamb brooder developed by Paul Rutland, OSC
shepherd, and in use at the College Sheep Barns. The unit keeps feed and water containers (a hazard
to new lambs) up off the ground and offers the lambs protection from the ewe. Warmth is provided

by a 150 watt light, well shielded to prevent contact with the lamb or the straw on the ground. Plans for construction, in units of four plans, have been published in Experiment Station Circular of Information 515, by A.C. Warnick, Rutland, and L.W. Bonnicksen. (neg. 1841)

6686 Robert W. Every, O.S.C. Extension Entomology Specialist is shown operating sprayer on sheep for ticks on a South Benton County farm. Notice the nozzles are held close to the fleece in order to get skin deep penetration with the DDT solution. The sheep are loosely confined in a holding pen to facilitate spray coverage. (neg. 2494)

6687 Robert W. Every, O.S.C. Extension Entomology Specialist is shown operating sprayer on sheep for ticks on a South Benton County farm. Notice the nozzles are held close to the fleece in order to get skin deep penetration with the DDT solution. The sheep are loosely confined in a holding pen to facilitate spray coverage. (neg. 2495)

6688 Tilting sheep squeeze. 7 photos of step-by-step construction. (neg. 6688)

6689-6701 Sheep - Animals; Photos by R.G. Fowler, Jr., August 1950.

6689 Crossbred ewes owned by Charles Swango, route 2, Eugene. He utilizes them with his alta fescue for seed operation on irrigated land. (neg. 1223)

6690 Yearling Hampshire ewe in process of giving birth. From left, helper and Ronald Hogg, Salem. (neg. 1329)

6691 Ronald Hogg, Salem Hampshire breeder, shown Apulling= a lamb from yearling Hampshire ewe. (neg. 1332)

6692 Walter P. Hubbard, Junction City, shown holding a purebred Suffolk lamb that weighed almost 20 pounds at birth. Scene taken in Hubbard=s lamb shed. (neg. 1363)

6693 Pen of Hampshire ewes at 1953 sheep field day. (neg. 1850)

6694 Pen of Hampshire ewes at 1953 sheep field day. (neg. 1851)

6695 Pen of Hampshire ewes at 1953 sheep field day. (neg. 1852)

6696 Pen of Romney 1st and 2nd cross ewes at 1953 sheep field day. (neg. 1853)

6697 Pen of Romney and Southdown cross ewes at 1953 sheep field day. Romney - Females; Southdown - Males. (neg. 1854)

6698 Pen of Romney and Southdown cross ewes at 1953 sheep field day. Romney - Females; Southdown - Males. (neg. 1855)

6699 Pen of Cheviot and Suffolk cross ewes at 1953 sheep field day. Cheviot - Females; Suffolk - Males. (neg. 1856)

6700 Pen of Cheviot and Suffolk cross ewes at 1953 sheep field day. (neg. 1857)

6701 Pen of Cheviot and Suffolk cross ewes at 1953 sheep field day. Cheviot - Females; Southdown - Males.

6702-6706 Animal Sciences; Photos by Birdsall, 1963.

6702 OSU Sheep Shearing School for students from Chemawa Indian School in spring 1963. John Landers, OSU animal husbandman, instructing. (neg. 2817)

6703 OSU Sheep Shearing School for students from Chemawa Indian School in spring of 1963. (neg. 2818)

6704 OSU Sheep Shearing School for students from Chemawa Indian School in spring of 1963. (neg. 2819)

6705 OSU Sheep Shearing School for students from Chimawa Indian School on spring of 1963. John Landers, OSU animal husbandman, instructing. (neg. 6705)

6706 OSU Sheep Shearing School for students from Chimawa Indian School on
spring of 1963. John Landers, OSU animal husbandman, instructing. (neg. 6706)

6707 Sheep - Sheep Shearing School; Photo by James Williams, 1967.

6708-6721 Soil Testing; Photos by Birdsall, 1957.

6708 Special soil test contest. (neg. 2829)

6709 Special soil test contest. (neg. 2830)

6710 Special soil test contest. (neg. 2831)

6711 Special soil test contest. (neg. 2832)

6712 Special soil test contest. (neg. 2833)

6713 Special soil test contest. (neg. 2834)

6714 Special soil test contest. (neg. 2835)

6715 Special soil test contest. (neg. 2836)

6716 Special soil test contest. (neg. 2837)

6717 Special soil test contest. (neg. 2839)

6718 Special soil test contest. (neg. 2838)

6719 Special soil test contest. (neg. 2840)

6720 John Hansen (left) and Art King (right) at soil testing field day in Polk county.
(neg. 2853)

6721 Art King (right center) instructed at t soil testing clinic in Polk county. (neg.
2854)

6722-6728 Swine - Animals; Photos by J.W. Scheel, April 1947.

6722 1946 grand champion junior herd boar itheeh A.A. Nafziger Chester White swine
herd near Silverton. This boar was grand champion at the 1946 state fair. (neg. 28)

6723 These Yorkshire hogs in the finishing pen in Jim Henry=s barn now weigh about
205 lbs. They=ll be ready for market when they have gained 15 lbs. more. (neg. 257)

6724 Grand champion heavy barrow of the 1951 Pacific International was a
Berkshire bred and shown by OSC. (neg. 1596)

6725 Grand champion heavy barrow of the 1951 Pacific International was a
Berkshire bred and shown by OSC. (neg. 1597)

6726 Grand champion pen of 3 barrows at 1951 P-I were Berkshires shown and
bred by OSC. (neg. 6726)

6727 Berkshire sow and litter owned by OSC experiment station. (neg. 1610)

6728 Berkshire sow and litter owned by OSC experiment station. (neg. 1611)

6729-6730 Swine - Housing; Photos by Don Taylor, August 1965.

6729 ANew Swine barn@ under construction, OSU. (neg. 2886)

6730 ANew Swine barn@ under construction, OSU. (neg. 2887)

6731-6732 Swine - Management; Photos by J.W. Scheel, April 1947.

6731 An electric pig brooder keeps these newly born Chester Whites cozy at the
A.A. Nafziger farm near Silverton. Mr. Nafziger uses a 200-watt bulb in the brooder for the first two
or three days after the pigs are farrowed, then replaces it with a 150-watt bulb for about a week, then

uses a 100 watt bulb for another week. A pig brooder, he believes enables him to save about one more pig per litter than he would be able to raise without it. The pig brooders on the Nafziger farm were one of the interesting sights viewed by 4-H and FFA members and veterans receiving training in agriculture on a recent livestock tour in Marion county sponsored by the Count Livestock Association and 4-H and FFA organizations. Other tours will be held on May 3 and May 10. (neg. 29)

6732 market hogs on the Robert Goracke farm, RFD 3, Junction City, are shown eating from a self feeder in his hog house. By use of self feeder he can let it go three days without refilling. (neg. 1389)

6733-6735 Swine - Pastures; Photos by J.W. Scheel, October 1947.

6733 Yorkshire pigs are frisky and grow rapidly on this improved pasture on the Jim Henry farm in Douglas. (neg. 259)

6734 Chester White hogs on ladino clover, ryegrass, meadow foxtail and alta fescue pasture on the Albert Greener farm, Hillsboro. (neg. 664)

6735 Chester White hogs on ladino clover, ryegrass, meadow foxtail and alta fescue pasture on the Albert Greener farm, Hillsboro. (neg. 670)

6736-6739 Turkeys - Equipment; Photos by R.G. Fowler, Jr., March 1949.

6736 Portable feeders on the turkey range operated by Mr. and Mrs. Lester Schneider, Newberg, Oregon. (neg. 2211)

6737 View of portable laying house used by Gath brothers at their farm near Turner, Oregon. (neg. 2300)

6738 Turkey brooder, Marion County. (neg. 2908)

6739 Turkey House. (neg. 2909)

6740-6741 Turkeys - General; Photos by J.W. Scheel, September 1946.

6740 A caliper for measuring the breast of turkeys to determine whether they conform to the requirements of the National Turkey Improvement Plan. The calipers was invented by Earl Reitsma, state poultry inspector of the Oregon State Department of Agriculture. (neg. 132)

6741 Back view of range shelter for turkeys lined up as used on range at OSC. (neg. 210)

6742-6744 Turkeys - Management; Photo by J.W. Scheel, July 1947.

6742 Front view of turkey range shelter showing spacing in the row. (neg. 209)

6743 Heavy alta fescue sod makes a disease-free and feed saving turkey range operation for the Gath Brothers, Turner, Oregon. They estimate that during the spring range months they save as much as 25 percent on their feed bill. Turkeys are rotated between pastures to keep the grass from being worn out. (neg. 2298)

6744 Heavy alta fescue sod makes a disease-free and feed saving turkey range operation for the Gath Brothers, Turner, Oregon. They estimate that during the spring range months they save as much as 25 percent on their feed bill. Turkeys are rotated between pastures to keep the grass from being worn out. (neg. 2298)

Extension and Experiment Station Communications Photographs (P 120)

6745-6760	No prints, 4x5 neg. only
6745	Horse; ferrier
6746	Sheep farm
6747	Bean picking
6748	4-H cooking
6749	4-H sheep judging
6750-6751	4-H class
6752	OSU seal
6753	4-H class
6754	4-H sewing
6755	4-H club member sign and member
6756	4-H International Farm Youth Exchange

6757	Home economics clothing
6758	Home economics weaving
6759	Home economics rug hooking
6760	Home economics rug braiding
6761	C.W. Smith; no negative
6762-6763	F.E. Price; 4x5 neg.
6764	F.E. and Fern Price; no print, 4x5 neg. only
6765	F.E. Price; no print, 4x5 neg. only
6766-6767	Leonard J. Calvert; 4x5 neg.
6767	No print, neg. only
6768	George Tiger; 4x5 neg.
6769	L.J. Allen; no neg.
6770	T.J. Starker; no print, 4x5 neg. only
6771	Walter Leth; 4x5 neg.

- 6772 Buena Steinmetz; 4x5 neg.
- 6773 Azalea Sager; no negative
- 6774a Athalie Lage; no print, 4x5 neg. only
- 6774b Marion Weatherford; 4x5 neg.
- 6775 Diane Frishknecht; 1966 IFYE Delegate to Switzerland; no print, 4x5 neg. only
- 6776-6780 Removed from collection
- 6781 One of the highest dams in the U.S. is Detroit Dam, located east of Salem, Oregon on the North Santiam River. Besides providing flood control and hydro-electric power, the lake behind the dam provides one of the state's prime recreational areas.
- 6782 This fishing fleet of trollers awaits a run of salmon at Yaquina Bay, Newport, Oregon. In the background is the Highway U.S. 101 bridge over the bay and the mouth of the Yaquina River. part of the city of Newport, popular coastal town, is shown on the right.
- 6783 Bonneville Dam, accessible by U.S. Highway 30 on the Oregon shore of the Columbia River, is shown here in early summer as the water boils through the spillways. In the foreground is one of the fish ladders which take many varieties around the dam.
- 6784 Oregon Coast; Siletz River Mouth near Taft, Oregon.
- 6785 The task of snow surveying in vast mountain territory of Idaho can be accomplished only by the most expert skier. Here the two surveyors start the ascent to tackle their assignment; USDA Ida-25156.
- 6786 Automatic feeders and waterers save labor and help young chicks grow fast. Masonry wall is peckproof, soundproof, firesafe. Block walls and concrete floors can be

disinfected when flocks are changed or new broods started; Portland Cement Association 17912.

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|-----------|--|
| 6787 | Turkeys |
| 6788 | Young chickens |
| 6789 | Turkey house |
| 6790 | Poultry eggs |
| 6791 | Pullet range; chickens; Frank Erickson Farm, Hillsboro |
| 6792 | Chickens |
| 6793 | Turkeys |
| 6794-6796 | Virus diseased cherry tree; ca. 1950 |
| 6797 | Orchard thinned by virus disease |
| 6798 | Raspberries |
| 6799-6801 | Virus inspections; ca. 1950 |
| 6802 | Bushes to be planted |
| 6803 | Irrigating orchard |

6804	Wild plum; ca. 1949
6805	Small apple trees
6806	Cherry tree; ca. 1949
6807	Cherry tree; ca. 1950
6808	Diseased cherry tree; ca. 1949
6809	Sugar beets; ca. October 1946
6810-6812	Thornless loganberry; ca. July 1940
6812	35mm neg.
6813-6814	Cherry tree; ca. 1949
6815	Easter lily with die back
6816	Diseased camellia
6817	Flax?
6818	Peach trees
6819-6820	Hog feeding

6821	Raising hogs in a concrete lot is a better way to have full control over stock. Paved areas mean better access to stock for inspection and management. This is important to the hog man who produces top quality pork at the lowest cost; Portland Cement Association 23249-E.
6822-6824	Hogs
6825	Hog feeding
6826	Swine
6827	Diseased strawberries
6828	Diseased cherries
6829-6830	Greenhouses
6831	Wheat combining
6832	Wheat harvesting
6833	Alta fescue seeded in contour rows
6834	Wheat stacks
6835	The huge harvest of wheat in Northeastern Oregon brings out the modern equipment of today to do the job in one operation. This modern combine cuts the golden ripe harvest of wheat near Athena in Umatilla County, Oregon; 4x5 color neg.
6836-6837	Harvesting equipment

6838	Wheat harvesting
6839	Bluestem roots
6840	Hay from this automatic pickup baler being placed on flat sled; Photo series No. 44, alfalfa, haying, dehydrating, milling; September, 1959; USDA N-29923.
6841	Grinder-mixer
6842	Automatic bale wagon; stack retriever
6843	Manure spreader
6844	Stackcruiser
6845	Rotary mower
6846	Dual rake hitch
6847	Trailing pitman use mower
6848	Combine
6849	Mower
6850	Kansas City, Mo.; Home for 800 head of cattle is this steel rigid fram barn, a beef confinement system shown in the movie, "Modern Livestock Systems," premiered by U.S. Steel just prior to the American Royal Livestock Show. Cattle spend about eight months here, feeding and growing. The clear span building is 240 feet long, 80 feet wide and is insulated to maintain a winter temperature of about 40C°F. Fans and vents help to cool the building in the summer. Slotted floors and a cellar-like reservoir reduce the chore of manure handling.

6851	Spraying for brown rot blossom blight; sour cherry orchard
6852	Ford tractors 1907-1958
6853	Assembly line 1917 and 1967
6854	Seeder
6855	Homemade tractor
6856	Circular combination hay drying and storage building
6857	Potato combine digger
6858	Thresher
6859	Cow; 4x5 neg.
6860	Potato harvester; no print, 4x5 neg. only
6861	Cattle; 4x5 neg.
6862	Cow stalls; 4x5 neg.
6863	Cow; 4x5 neg.
6864	Snow survey

- 6865a Snow survey experimental station; Deep snow entrance tower to subterranean instrument shelter at Crater Lake experimental plot. Work and Frost in picture; March, 1942; Photo by Jack G. James; USDA ORE-40171.
- 6865b Approaching the top of the mountain, they look down on the hills and valleys below. Few humans view the sight that winter offers to these snow surveyors while on their excursions to measure the depth of the seasonal snow fall; USDA Ida-25157.
- 6866 Missing
- 6867 A well-packed canopy of snow blankets this service station in the mountains. Aneroid Lake shelter cabin; Photo by Jack G. James, March, 1941; USDA ORE-40138.
- 6868-6869 Snow survey
- 6870 Work and Frost sampling at New Dutchman Flat Snow Course. 140 inches of snow containing 40 inches of water at 40% density. The South Sister, elevation of 10,354 feet, in background, area west of Bend; January 16, 1946.
- 6871 Snow survey; ca. 1938
- 6872 Snow sports lure more than 200,000 visitors to the slopes of Oregon's Mt. Hood during the winter season to the Timberline Lodge and Government Camp areas, both of which offer modern lodges and accommodations. Skiers have their choice of numerous trails. Some offer sporting hazards such as this, with the skier clearing a snow bank against a background of towering Mt. Hood, more than 11,000 feet high.
- 6873 Headwaters of the South Umpqua River, Southern Oregon. Pack train carrying supplies to Snow Survey shelter passes the Upper Seven Lakes Basin Snow Course Marker. This marker standing high above the mountain meadow in the summer time is barely out of the snow in winter; Photo by Branstead, October, 1944; Ore-40224.
- 6874 Mt. Hood, 11,245 feet high, in Oregon domineers the Cascade range and looks out over this springtime scene in the Hood River Valley. The valley is famous for its orchards and blossoms.

6875	Weather balloon
6876	Contour plowing; aerial
6877	Owyee Project; irrigating potatoes
6878	Land leveling in preparation for ditch irrigation; USDA ORE-40222.
6879	Drainage ditch construction.
6880	Installing drain tile; Concrete drain tile accurately laid to line and grade mean a long-lasting efficient system. Unused acres of wet, marshy land are put back to work with tile drainage; Portland Cement Association 21248.
6881	Soil conservation development; ca. April 1950
6882	Soil conservation development brush dams; ca. January 1950
6883	Soil conservation development sheep; ca. April 1950
6884	Soil conservation development; ca. January 1950
6885-6887	Uncultivated areas; no print, 35mm neg. only
6888-6889	Soil and water drainage and tillage experiment; no print, 3x4 negs. only
6890-6891	No prints, nitrate negs. only
6892	Dairy cows

6893	Milking pits; One man can handle more cows with less labor from his position in the milking pit. The worker is more comfortable when handling equipment at waist height; Portland Cement Association 22680.
6894-6899	Dairy cows
6900	Dairy cows up from pasture
6901-6903	Dairy cows
6904-6906	Dairy cows in barn
6904	Ca. March 1944
6907	Dairy equipment
6908-6915	Diary cows
6910	3-3/8 x 5-1/2 neg.
6911	4x5 neg.
6912	No print, 3x4 neg. only
6916	Dairy farm
6917	Dairy cattle

6918	Dairy calf
6919	Dairy cows
6920	Dairy products rank high in Oregon's agricultural picture, bringing in an annual cash income of more than 50 million dollars. Dairy herds such as this are scattered throughout much of the state with the exception of eastern Oregon where beef cattle predominate.
6921	Dairy cows
6922	Dairy cows in stalls
6923	Dairy barn; 4x5 neg.
6924	Dairy cows; no print, 4x5 neg. only
6925	Dairy cows
6926	Dairy cows injection
6927	Sheep and lambs
6928	Sheep
6929	Sheep in pen
6930	Sheep and lambs
6931	Lamb

6932	Sheep
6933	Sheep and lambs
6934	Lambs
6935-6936	Sheep and lambs
6937-6938	Sheep
6939	Sheep and lambs
6940-6941	Sheep
6942-6944	Lamb
6945	Sheep and lambs
6946	Sheep
6947	Home economics leader-teacher; ca. 1969; 4x5 neg.
6948	4-H leaders association; ca. 1969; 4x5 neg.
6949-6951	Home economics leader teacher; 4x5 neg.
6950-6951	No print, 4x5 neg. only

- 6952 4-H leaders association; no print; 4x5 neg. only
- 6953-6954 Food buying correspondence course; 4x5 neg.
- 6955 Sheep on open mountain meadow range (class V land) near Stanley, Idaho; USDA B-472-10.
- 6956 Harvesting peas on strip-cropped system of Marion Holben farm near Genesee, Idaho with self-propelled Massy-Harris combine. Sweet clover fallow in foreground--2nd strip, barley sweet clover--3rd strip, peas being harvested--4th strip, winter wheat farmed in a 4 year rotation; USDA Ida-183.
- 6957 Zucchini field
- 6958 Potato plant
- 6959 Potato harvesting
- 6960 A field of potatoes on the farm of Emil Maag on the Willow Creek bottom lands, Willow Creek Unit SW1/4, Sec. 24-16-43 looking North. Farm buildings of Maag on right.
- 6961 Field of potatoes on the farm of Jamieson Farm Corporation on the Willow Creek bottom lands of the Willow Creek Unit looking southeast. Field of celery and Norwood farm buildings in the background.
- 6962 Corn field
- 6963 Corn loader on farm belonging to Carson and J.P. Adams, rt 3, Junction City. Loader is carried on tractor, driver of which is seen above. 19 hand pickers toss ears onto moving belts of conveyor; 1947; Lane County.
- 6964 Corn loader; Lane Co.; ca. 1947

6965	Cornfield
6966	Safflower
6967	Ames irrigation system; ca. 1949
6968	Blueberry plots; ca. 1950
6969	Hill pasture project; ca. 1943-1944; no print, 4x5 neg. only
6970-6971	Beans
6972-6975	No prints, 4x5 neg. only
6972-6973	Field crops
6974	
6975	Grain
6976	Harvesting field crops
6977-6981	No prints, 2x3 neg. only
6977	Harvesting
6978-6979	Field crops
6980	Pasture

6981	Harvesting
6982-6983	Beans; no print, 4x5 neg. only
6984	Winter wheat
6985	Grasses
6986	Beetles invading fields
6987	Range improvement area
6988	Horse and rider
6989	Range scene
6990	Squaw Butte; Harney Range
6991	Squaw Butte herd
6992-6996	Squaw Butte Range Day; no print, 4x5 neg. only
6997	Range beef herd
6998	Cattle at water hole
6999-7000	Cattle

7001	Bull
7002-7004	Beef cattle
7005	Beef cattle testing
7006	Bull head measuring
7007-7011	Beef cattle
7012-7013	Beef cattle pens
7014	Beef cattle eating
7015-7019	Beef cattle
7020	Feed bunks; Cast-in-place or precast concrete feed bunks allow all feed to be consumed. None is wasted or permitted to gather in sharp corners and cracks. Durable feed bunks withstand scrapes and bumps by feed wagons; Portland Cement Association 22537.
7021	Beef cattle drive
7022-7024	Beef cattle
7025	Beef cattle; bull
7026	Beef cattle
7027	4-H beef cattle

7028	Beef cattle; bull
7029	Beef cattle thrive on the grazing provided by rough cut-over land at Northrup Creek especially when legumes can be established to keep the grass supplied with nitrogen. The background indicates the very rough nature of the cut-over and burned-over land. Fourteen per cent of the land area is covered with logs and stumps; Photo by Ben Buisman, June, 1947.
7030	Feeders's Day visitors at Union Co. Extension Station, heard report on inbreeding and selection program for faster gaining beef animals; 4x5 neg.
7031	Beef Cattle
7032	Beef Cattle pens
7033	Stearns Cattle Co.
7034	Beef Cattle
7035	Beef cattle head measuring
7036	Beef cattle
7037	The Wallowa mountains form a high, towering background for this farming scene in the Wallowa valley near Joseph. Well known for its spectacular scenery, the northeastern Oregon country holds a high place in the agricultural picture of the West.
7038	Beef cattle
7039-7044	Beef cattle stock auction; 4x5 neg.
7045-7048	Extension staff

7045a	4x5 neg.
7045b	
7048	No print, 4x5 neg. only
7049-7050	4-H recreation training session; ca. 1970
7049	No print, 4-120 neg. only
7050	No print, 3-120 neg. only
7051	4-H Flag and members; no print, 4x5 neg. only
7052-7054	Bean field
7053	No print, 3-120 neg. only
7055-7056	Bean harvester
7057	Bean harvesting; 12-120 negs.; 12 prints
7058-7060	Farriers School
7058	2-120 negs.; 3 prints
7059-7060	3-120 negs.; 3 prints
7061	Aerial spraying of sagebrush

- 7062 Hans Lathroll with herd of seven animals produced from foundation cow as result of his training in 4-H work; August 2, 1933; Tillamook County; USDA S-17604-C.
- 7063-7064 Vernon Heppler, 4-H Club member, and herd of dairy cows produced as result of his 4-H club training; August 1, 1933; Clackamas County; USDA S-17594-C.
- 7065-7066 View of Sisters 4-H Dairy Calf club with club member demonstrating how to judge dairy cows; August 3, 1933; Deschutes County; USDA S-17616-C.
- 7067-7068 Sisters' 4-H Dairy Club showing Paul Scoggins, leader, demonstrating how to judge dairy cows. The three Sisters snow-capped mountains are in the background; August 3, 1933; Deschutes County; USDA S-17617-C.
- 7069 Carl Zweifel and cow, 4-H Club work, first prize at State Fair and Grand Champion at County Fair; August 2, 1933; Tillamook County; USDA S-17602-C.
- 7070-7071 Powell Butte 4-H Calf Club, Marvin Thomas as leader holding cow with one of members demonstrating proper judging; August 3, 1933; Crook County; USDA S-17620-C.
- 7072-7073 4-H Dairy Calf Club. C.E. Smiley, leader, with County Agent Holt giving judging demonstration; August 6, 1933; Umatilla County; USDA S-17682-C.
- 7074-7076 Another view of Hermiston Dairy Club with members judging calves; August 6, 1933; Umatilla County; USDA S-17686-C.
- 7077-7079 Hermiston Calf Club with local leader and Assistant County Agen, G.D. Best, on left; August 6, 1933; Umatilla County; USDA S-17687-C.
- 7080 4-H Pig club and self feeder; August 1933; Umatilla Co.; USDA S-17683-C.
- 7081 Powell Butte 4-H pig club, F.C. Fox, leader; August 3, 1933; Crook County; USDA S-17622-C.

- 7082 Powell Butte 4-H Sheep club, E.H. Stewart as leader; August 3, 1933; Crook County; USDA S-17625-C.
- 7083-7085 Powell Butte 4-H poultry club, Mrs. B.B. Balfour, leader; August 3, 1933; Crook County; USDA S-17621-C.
- 7086-7087 4-h Poultry Club winners; Harold John, Bruce Farmer, and Harold Boehi. Two years winners at County and State Fairs and Pacific International; August 1, 1935; Clackamas County; USDA S-17566-C.
- 7088 Milwaukie Poultry Club, showing County Agent J.J. Inskeep instructing in proper method of opening wing and looking for lice; August 1, 1933; Clackamas County; USDA S-17565-C.
- 7089 Lowell Stockhard in his apiary; Photo by G.W. Ackerman, July 21, 1925; Umatilla County; USDA S-4863-C.
- 7090 4-H Style Club girls wearing dresses designed and made by themselves; July 31, 1933; Multnomah County; USDA S-17546-C.
- 7091 4-H Club girls preparing dinner from products raised at home; August 4, 1933; Lane County; USDA S-17637-C; 4x5 neg.
- 7092 4-H Club girls setting model dinner from products raised and prepared on the farm home near Eugene, Oregon. The total cost approximately 60¢. Mrs. Woodruff, leader; August 4, 1933; Lane County; USDA S-17638-C.
- 7093 4-H Sewing Club; prize winner; August 4, 1933; Lane County; USDA S-17643-C.
- 7094 Powell Butte 4-H potato club--J.C. Minson, leader. Members learning to recognize slightly diseased plants in certified seed, field near Powell Butte; Note absence of weeds in field; August 3, 1933; Crook County; USDA S-17623-C.

- 7095 4-H Club picture, showing 12' stalks of Golden King Corn near Junction City, Oregon; August 4, 1933; Lane County; USDA S-17634-C.
- 7096-7097 Fruitvale Corn Club with County Agent W.A. Holt demonstrating to club members; August 6, 1933; Umatilla County; USDA S-17680-C.
- 7098 Norton 4-H Corn Club with leader inspecting corn at Junction City, Oregon; August 4, 1933; Lane County; USDA S-17633-C.
- 7099 4-H Jersey calves purchased by Lincoln Co. Bank
- 7100 4-H Blodgett Calf Club; ca. 1929
- 7101 4-H Pig showmanship contest, state fair; ca. 1929
- 7102 4-H Scholarships for summer school; ca. 1929
- 7103 4-H summer school canning demonstration; ca. 1929; 4x5 neg.
- 7104 Raising flag over 4-H summer school; Corvallis; ca. 1929
- 7105 Stonewall Jackson showing cow and daughter, first prize winner at State Fair in 1932; August 1, 1933; Clackamas County; USDA S-17593-C.
- 7106 Multnomah County 4-H Canning Club canning vegetables and fruits in the home of Alice Welbes, who was the National Bell Jar Canning winner. She is shown operating the pressure cooker; July 31, 1933; Multnomah County; USDA S-17544-C.
- 7107 Mark Nickerson with prize white leghorn cock won from Hansen's Poultry farm--4-H Club work; July 31, 1933; Multnomah County; USDA S-17551-C.

- 7108 4-H Club clothing demonstration, showing need for altering commercial patterns; July 31, 1933; Multnomah County; USDA S-17547-C.
- 7109 4-H Presentation of Moses Trophy; ca. December 1927
- 7110 4-H Pigs; bankers short course
- 7111 4-H Achievement Day banquet
- 7112 4-H Calf Club; Summer School; ca. 1930
- 7113-7114 4-H Moses Trophy
- 7115 Alex Cruickshank, Yamhill County National Champion 4-H Club Boys and Local Leader in 1927; Left to right: Mr. and Mrs. J. Cruickshank; Alex Cruickshank; Governor Paterson; Mr. O.M. Plummer, member of National Committee on Boy's and Girl's Club Work, and Manager of the Pacific Internaitonal Livestock Exposition; Mr. W.J. Kerr, President Oregon State Agrucultural College; and mr. J.K. Weatherford, president Board of Regents, Oregon State Agricultural College.
- 7116 4-H Calf; movie men
- 7117 4-H Calf clubs; proper way to throw animals
- 7118 4-H pig clubs; how to remove needle teeth from young pig
- 7119 4-H sheep; how to tell age from teeth
- 7120 4-H sheep; movie men
- 7121 Lois Bailey with Moses Trophy; ca. 1929; 4x5 neg.

7122	4-H milk goat club members
7123	4-H Moses Trophy; Lois Bailey, Alex Cruckshank, Edgar Grimes
7124	4-H cattle
7125	4-H Moses Trophy and other awards
7126	4-H Moses trophy and group
7127	4-H sheep
7128	4-H swine
7129	4-H demonstration teams and exhibit; First National Bank, Tillamook
7130	4-H Trask River Dairy Guernseys
7131	4-H Pig club; first National Bank of Oregon, Bend
7132	4-H Club round up; ca. 1929
7133	4-H Sheep judging class
7134	4-H summer school Ayrshire judging; ca. 1924
7135	4-H Egg judging; Pacific International

- 7136 4-H Club members; Holstein calf; Harrisburg
- 7137 4-H class judging sheep; summer school; ca. 1929
- 7138 4-H Canning team at summer school
- 7139 4-H Bachelors sewing club, Prineville; Crook Co.; ca. 1923
- 7140 4-H Pig club
- 7141 4-H sheep showmanship contest
- 7142 4-H Moses Trophy; ca. December 1927
- 7143 4-H Leaders; ca. 1926
- 7144 4-H Shorthorn steer; Gale Delay; ca. 1923
- 7145 4-H Swimming pool; Shepard Hall
- 7146 4-H Stock judging class; 4x5 neg.
- 7147 4-H Summer school; ca. 1923; 2-11x7 prints pasted together
- 7148 4-H State Economic conference; Corvallis; ca. January 1924
- 7149 Carl Wicklander in his sweet potatoes. Carl is a member of the Boardmen sweet potato club, the only one of its kind in the state; Photo by G.W. Ackerman, July 21, 1925; Morrow County; USDA S-4855-C.

- 7150 Lowell Stockhard in his acre of corn that is entered in the acre corn growing contest sponsored by the Pacific International Livestock exposition; Photo by G.W. Ackerman, July 21, 1925; Umatilla County; USDA S-4862-C.
- 7151 Theodore Resch, Aurora, R.F.D. #3, former club boy, and his pure bred Chester White sow Satria Giantess. This sow will be five years old in September. In 1923 and 1924, she won first place in open competition in her class at the state fair and the Pacific International Livestock exposition. This sow furnished Theodore with all his show stock; Photo by G.W. Ackerman, July 16, 1925; Clackamas County; USDA S-4767-C.
- 7152 Theodore Resch and his cousin, Elizabeth Muessig, in front of a cooking and pig club sign. Elizabeth is a member of the Wilsonville pig club this year, and was a member of a cooking club last year. In pig club work she won \$46. in prizes at the Pacific International Livestock exposition in the fall of 1924 with pure bred Chester Whites; Photo by G.W. Ackerman, July 16, 1925; Clackamas County; USDA S-4771-C.
- 7153 Close-up of Theodore Resch, former club member. He will be 21 in December, 1925. In 1924, he led a garden and a pig club. He is now attending Oregon Institute of Technology and finishing his high school course. He plans to enter Oregon Agricultural College at the end of two years. He expects to follow farming with hog breeding as his major enterprise. He says, "Club work was responsible for my determination to go to college. During my attendance at the boys' and girls' club summer sessions on the OAC campus, I realized the value of a college education and determined to get one."; Photo by G.W. Ackerman, July 16, 1925; Clackamas County; USDA S-4768-C; 4x5 neg.
- 7154 Pressure cooker and canning of carrots, Mrs. Ed Strout's kitchen, Summit; Photo by G.W. Ackerman, July 17, 1925; Benton County; USDA S-4790-C.
- 7155 Summit girls' sewing club, Mrs. A.W. Bennett, leader. Left to right: Viola McFarland, Bernice Cadwalader, Lonella Clark, Ovella Wood, Freda Pulliam, Inez Cadwalader, Mildred King. Vivian Ball and Ella Clark, other members of this club, were not in the photograph; Photo by G.W. Ackerman, July 17, 1925; USDA S-4794-C.
- 7156 Thayne Smith and his purebred Jersey cow; Photo by G.W. Ackerman, July 18, 1925; Tillamook County; USDA S-4807-C.
- 7157 Thayne Smith (12 years old) and his two year old pure bred Jersey. He cares for her, milks her, and pays for her feed. She is producing for him about \$22 a month clear; he is putting this money into the bank, saving it for a college education. Thayne is now in his fourth year of club work. He has saved \$252 toward a college education. He will be in

the 8th grade next year; Photo by G.W. Ackerman, July 18, 1925; Tillamook County; USDA S-4804-C.

- 7158 The Williams brothers with their pure bred Guernsey cows. Left, Robert Williams and his three-year-old cow; right, Kenneth Willaims with his three-year-old pure bred Guernsey; Photo by G.W. Ackerman, July 18, 1925; Tillamook County; USDA S-4808-C.
- 7159 Reed Smith and his pure bred Jersey calf-a sister of Thayne's (his brother) cow. Reed will be nine in October. This is his first year in club work; Photo by G.W. Ackerman, July 18, 1925; Tillamook County; USDA S-4805-C.
- 7160 Edwin Ridder and his Guernsey cow; Photo by G.W.Ackerman, July 16, 1925; Clackamas County; USDA S-4773-C.
- 7161 Edwin Ridder, Wilsonville, with his two pure bred Guernseys. Edwin is now 18 year old and is a member of both a calf and pig club. He is also leading a Duroc Jersey pig club this year. At the State Fair in 1924, he was awarded one of the two gold watches awarded the outstanding members in boys' and girl's club work int he state for that year. This is his last year in club work. He expects to continue farming; Photo by G.W. Ackerman, July 16, 1925; Clackamas County; USDA S-4772-C.
- 7162 Lawrence Aylesworth and his pure bred Holstein, Manetta Buttergirl Matador, for which he paid \$125 of his own money; Photo by G.W.Ackerman, July 20, 1925; Multnomah County; USDA S-4839-C.
- 7163 4-H Canning team demonstration at 1922 summer school
- 7164 4-H outing; ca. 1925
- 7165 4-H Hubert Cosby and chicken demonstration; ca. 1922
- 7166 4-H cattle judging; summer school; ca. 1922
- 7167 4-H potato plots; ca. 1923

- 7168 4-H cookery club members
- 7169 4-H Club Klamath Co. delegation leaving for summer school; ca. 1922
- 7170 4-H Summer school students eating lunch; ca. 1922
- 7171 William Kinder club agent; Mr. T.L. Anderson, leader of the Powell Valley potato club; and Amos Anderson, member of the club, discussing potato diseases in Amos' potato patch; Photo by G.W. Ackerman, July 20, 1925; Multnomah County; USDA S-4838-C; 12x17 oversize print contained at 2/2/2/k
- 7172 4-H club members on field trip; potato field
- 7173 Powell Valley potato club, T.L. Anderson, leader. At the 1924 Multnomah County Fair at Gresham, members from this club won second, third, fourth and fifth prizes in potato competition. Potato production is one of Multnomah County's leading agricultural industries. This potato club is using excellent seed and is otherwise practicing methods of production emphasized in the county extension program for this crop; Photo by G.W. Ackerman, July 20, 1925; Multnomah County; USDA S-4837-C.
- 7174-7175 4-H Summer school; Malheur Co.; ca. 1922
- 7176 4-H Try outs for stock judging; Umatilla Co.
- 7177 4-H Farm girls with two cows
- 7178 4-H Prize winning sow; ca. 1923
- 7179 4-H goat club; Lincoln Co.
- 7180 4-H Judging shorthorn steers; Lincoln Co.; ca. 1923

- 7181 4-H Alpine Potato club in field; Benton Co.; ca. 1923

- 7182 4-H Industrial club camp grounds

- 7183 4-H Industrial club members; Klamath Co.

- 7184 4-H Summer school on field trip; G.R. Hyslop

- 7185 4-H club members from 3 states; International Livestock Exposition

- 7186 4-H Stock judging contest; ca. 1923

- 7187 4-H potato contest winner; Multnomah Co.

- 7188 4-H Four champion Holstein cows

- 7189 4-H Cooking class summer school; ca. 1923

- 7190 4-H Grand champion Holstein cow

- 7191 4-H Linn Co. Holstein Calf club; ca. 1922

- 7192 4-H Clackamas Co. Guernsey Calf club; Clackamas Co.

- 7193 1922 4-H Tillamook Jersey calf club; ca. 1922

- 7194 4-H Jersey heifers; Jackson Co.; ca. 1923

- 7195 4-H Klamath Co. calves for club members
- 7196 4-H Lincoln Co. Jersey calf club judging; ca. August 1923
- 7197 4-H Dairy calf club
- 7198 4-H Holstein club demonstration
- 7199 4-H Tillamook club float; 1st Place, 4th of July parade
- 7200 4-H Klamath Co. calves for calf club; Klamath Co.; ca. 1922
- 7201 4-H Lake Creek Calf club of Linn Co. at work
- 7202 4-H two year old heifers just purchased for Smith River Calf Club; Douglas Co.
- 7203 Robert Beal, of Parkdale, in his acre of Netted Gem potatoes grown in boys' and girls' club work; Photo by G.W. Ackerman, July 20, 1925; Hood River County; USDA S-4843-C.
- 7204 4-H Goose project Linn Co.
- 7205 Kenneth Williams in his lily bulb patch that was started two years ago. In 1924, he sold \$50 worth of bulbs. He now has 2000 Easter lily bulbs in the ground; Photo by G.W. Ackerman, July 18, 1925; Tillamook County; USDA S-4810-C.
- 7206 4-H Poultry club
- 7207 4-H club members judging sheep

- 7208 4-H sheep hoof trimming demonstration; ca. 1922; 4x5 neg.
- 7209 4-H judging sheep
- 7210 4-H prize winning sow; ca. 1923
- 7211 4-H pure bred sow with litter of nine; Benton Co.; ca. 1923
- 7212 4-H sow judging class; Josephine Co.; ca. 1923
- 7213 4-H Berkshire gilts, pig; Josephine Co.; ca. 1923
- 7214 4-H Berkshire farrow pig; Josephine Co.; ca. 1923
- 7215 4-H six month old runt pig; Josephine Co.
- 7216 4-H showmanship contest for club pigs; Josephine Co.
- 7217 pair of 4-H Berkshire gilts (pigs) two months old; Josephine Co.
- 7218 Oregon bankers view 4-H club pigs; Benton Co.; ca. June 1923
- 7219 John Welbuth and his pen of Hampshire hogs. John started club work in 1920 and entered the garden project in which he was not outstandingly successful. The second year he took up the corn project, won third prize at the Multnomah County Fair, and sold \$17.50 worth of corn. The third year he entered the pig club project and his Hampshire gilt in club competition won fourth at the County Fair, first at the State Fair at Salem, and sixth at the Pacific International Livestock Exposition. His total prizes that year amounted to \$31.50. The first place at the State Fair entitled him to a trip to the boys' and girls' summer school conducted annually on the Oregon Agricultural College campus. Last year, his fourth in club work, he won two second prizes at the County Fair with Hampshire gilts. John has financed himself during the period that he has been a club member; Photo by G.W. Ackerman, July 20, 1925; Multnomah County; USDA S-4840-C.

7220	4-H Chester white pigs; State Fair; ca. 1923
7221	Girls' bread club, Summit. This was the only bread team in Benton County in 1924. These girls baked the third best loaf of bread out of 16 contestants at the Pacific Internaional Livestock exposition in 1924. Members are, left, Vivian Ball; right, Freda Pulliam; Photo by G.W. Ackerman, July 17, 1925; Benton County; USDA S-4791-C.
7222	4-H club Herefords at Pacific International Livestock Exposition
7223-7225	Missing
7226	Walk on OSU campus
7227-7247	Totem Project; oceanography; color slides
7248	Yaquina Head
7249	OSU Marine Science Center
7250	Seal Rock
7251-7252	President Robert MacVicar, Secretary of Commerce Maurice Stans; ca. Sept. 1974
7251	5-4x5 negs.
7253-7255	President Robert MacVicar, Secretary of Commerce Maurice Stans, State Representative Wendell Wyatt; ca. Sept. 1974
7253	4x5 neg.

7256	State Representative Wendell Wyatt; ca. Sept. 1974
7257	Wendell Wyatt, Roy Young, Mark Hatfield, Robert MacVicar; ca. Sept. 1974
7258-7262	First Faculty Conference, Marine Science Center; ca. 1967
7263	Dean G. Swan; ca. 1965
7264	Harrow; Union Co.; ca. May 1938; 2-3/4 x 4-1/2 neg.
7265-7266	Deep furrow; Jefferson Co.; ca. 1938
7267	Staggered hoe drill; Umatilla Co.; ca. April 1938
7268	Staggered hoe drill; Umatilla Co.; ca. May 1938
7269-7272	Hay loader; Tillamook Co.; ca. May 1945; 2-3/4 x 4-1/2 negs.; photo by C.E. Otis
7273-7274	Green feed loader; Tillamook Co.; ca. May 1945; 2-3/4 x 4-1/2 neg.; photo by C.E. Otis
7275-7276	Silos; Tillamook Co.; ca. May 1945; 2-3/4 x 4-1/2 neg. ; photo by C.E. Otis
7277	Above ground trench silo; Tillamook Co.; ca. May 1945; 2-3/4 x 4-1/2 neg.; photo by C.E. Otis
7278	Liquid manure cart; Tillamook Co.; ca. May 1945; 2-3/4 x 4-1/2 neg.; photo by C.E. Otis
7279	Fertilizer spreader; Harney Co.; ca. Fall 1939; 2-3/4 x 4-1/2 neg.; photo by C.E. Otis

7280	Weeder; Deschutes Co.; ca. 1940
7281-7288	2-3/4 x 4-1/2 neg.
7281	Weeder; Gilliam Co.; ca. April 1941
7282	Viners; Umatilla Co.; ca. July 1940
7283-7284	Windrower; Umatilla Co.; ca. 1940
7285	Pea viners; Umatilla Co.; ca. July 1940
7286	Duckfoot cultivator; Malheur Co; ca. 1939
7287	Duckfoot cultivator; Gilliam Co.; ca. May 1938
7288	Duckfoot cultivator; Gilliam Co.; ca. 1938
7289	Killifer cultivator; Deschutes Co.; ca. 1940
7290-7292	Silage Cutter; Tillamook Co.; ca. May 1945; 2-3/4 x 4-1/2 neg.; photo by C.E. Otis
7293	Cover crop disk; Wallowa Co.; ca. 1938; 2-3/4 x 4-1/2 neg.
7294	Killifer disk; ca. May 1938; 2-3/4 x 4-1/2 neg.
7295	Killifer chisel and disk; Deschutes Co.; ca. June 1940; 2-3/4 x 4-1/2 neg.

7296	Disk tiller; Gilliam Co.; ca. 1938
7297-7298	Self propelled combines; Multnomah Co.; ca. July 1941; 2-3/4 x 4-1/2 neg.
7299-7300	Mowing green feed; Tillamook Co.; ca. May 1945; 2-3/4 x 4-1/2 neg.; photo by C.E. Otis
7301	Basin lister; Wallowa Co.; ca. 1939
7302	Bobtail moldboard; Morrow Co.; ca. 1939
7303	Lister bottoms; Columbia Basin; ca. 1938
7304	Sprayer; Union Co.
7305	Sprayer; Klamath Co.; ca. June 1937; 2-3/4 x 4-1/2 neg.
7306	Sprayer; Klamath Co.; ca. 1939; 2-3/4 x 4-1/2 neg.
7307	Squaw Butte Exp. Station; Impounding Dam; Harney Co.; ca. 1938; 3-3/4 x 4-1/2 neg.
7308	Onion Field for seed; Malheur Co.; ca. July 1944; 3-3/4 x 4-1/2 neg.; photo by C.E. Otis
7309	Coffee Break; 4x5 neg.
7310	Bob Abel; 4x5 neg.
7311	Julin Ruth Bennett, Coos Co. Extension Agent 1938-1940
7312	Beverly Jean Bower, Klamath Co. Extension Agent 1960's

7313	Berniece Ladendorff Brown, Hood River Extension Agent ; ; ca. 1970; color print
7314	Ruth Crawford Extension Agent; ca. 1970
7315-7316	Maxine Roberts Gentis, Polk Co. Emergency War Agent ; ca. 1944
7317	Barbara Harrisen, Baker Co. Agent 1962-63
7318-7319	[removed from collection]
7320	Mary Etta Morgan, Coos County agent 1952-1953
7321	Maud Morse, OSC Ext Specialist in Child Development 1935-1938
7322	[removed from collection]
7323	Ethelyn M. Mikkalo Neilsen, Union County Agent 1949-1955
7324-7325	Jean McElhinny Nelson, Yamhill Co. agent 1943-45
7326	Faye Nichols, Washington County Agent 1941-1955
7327	Helen Ann Romas Nichols, Clackamas Co. Agent 1937-1940
7328	Joan Patterson, OSC Extension Specialist 1935-52
7329	[removed from collection]
7330	Thomas Poffenberger, OSC Family Life Specialist 1951-53

7331	Ruby Frederick Sewright, Malheur Co. Agent 1950-51
7332	Jane Reith Simpson, Lane Co. Agent 1947-50
7333	Marilyn G. Staael, Polk Co. Agent 1955-67.
7334	Helen Vaughn Stine, Klamath Co. Agent 1947-48
7335	Nancy Strother, Harney Co. Agent 1950-51
7336	Nola Welch Thompson, Josephine Co. Agent 1938-40
7337	Helen Douglas Taylor Tye, Polk Co. Agent 1945-46
7338-7339	Marjorie Tye, The Dalles Agent 1944
7340	Eileen Van Garven, Multnomah County Agent 1951-52
7341	Margaret Skaar Vanhoo, Washington County Agent 1950-55
7342	Jennie Marie Warren, Umatilla County Agent 1944-46
7343-7344	Alma I. Hartman Wells, Yamhill County Agent 1949-53
7345	Jean A. Williams, OSC Extension Specialist 1946-47
7346-7347	Edna Mac Millan Wimsatt, Malheur County Agent 1951-64

7348	Mary L. Daughtrey Winfield, Tillamook County Agent 1950-52
7349	Julianne Wise - Union County Agent 1943
7354-7457	Black and white negatives with corresponding contact sheets of President MacVicar's Eastern Oregon Tour; 120 negatives
7458	Color slide of woman at microscope
7461-7795	These numbers were originally assigned to motion picture films that have been moved to P120 (F/V) and renumbered P120: 661-995
7796	Roger Moore; ca. December 1929
7797	Paul Carpenter; Baker Co.
7798	Paul Carpenter; ca. December 1923
7799-7818	Research vessel Cayuse on the day of her commissionary April 1968; 120 negs. and corresponding contact sheets
7819	Boat; no print, 4x5 neg. only
7820	Girl at typewriter; no print, 4x5 neg. only
7821	Mario Alvarez; 4x5 neg.
7822-7823	Nels C. Anderson; no print, 4x5 neg. only
7824	Vernon D. Atwood; 2-3/4 x 3-3/4 neg.

7825	Leeds C. Bailey
7826	John L. Ball Jr.; 4x5 neg.
7827	David A. Barber
7828-7830	Nanette Barnard; no print, 2-3/4 x 3-1/2 neg. only
7831	[removed from collection]
7832	Noel L. Bennion; 4x5 neg.
7833-7836	Donald W. Berry
7837-7839	Ralph Stephen Besse, Jr.
7837	4x5 neg.
7840	Harold M. Black; no print, 2-35mm negs. only
7841	Alan L. Blackburn; 4x5 neg.
7842	William G. Boldt
7843	Turner Bond
7844	Ruth E. Brasher; 4x5 neg.
7845	Removed from collection

7846	Alvin R. Brown; no print, 4x5 neg. only
7847	Ronald J. Burr; 4x5 neg.
7848	Steve Carboni; 2-3/4 x 3-1/2 neg.
7849-7851	Elaine Carlson
7852	Rufus H. Cate Jr.
7853	Elsie Clark; 2-3/4 x 3-1/2 neg.
7854	Harry E. Clark
7855	Brian D. Cleary
7856	Steve Cleary; 2-3/4 x 3-1/2 neg.
7857	Steven Clement; 4x5 neg.
7858	Scott P. Clevenger
7859	Edward Condon; 4x5 neg.
7860	Edward Condon; no print, 4x5 neg. only
7861	Robert O. Coppedge

7862	C.B. Cordy; no print, 4x5 neg. only
7863-7865	Joseph R. Cox
7863	4x5 neg.
7864-7865	120 neg.
7866	Phil Crawford; 4x5 neg.
7867-7870	Paula Dance
7869	2-3/4 x 3-3/4 neg.
7871	William D. Davidson; 4x5 neg.
7872	Norman Dobie; 4x5 neg.
7873	Removed from collection
7874	Susan K. Doverspike; 4x5 neg.
7875	Andrew A. Duncan; no print, 4x5 neg.
7876	Removed from collection
7877-7878	Arnold C. Ebert; 4x5 neg.
7879-7880	Norm Eburne

7879	4x5 neg.
7881	Alice Epple
7882	Roselyn Esperanza; 4x5 neg.
7883	Marcia E. Evans; 2-3/4 x 3-3/4 neg.
7884	Robert W. Every; 4x5 neg.
7885	Removed from collection
7886	Harold P. Ewalt; 4x5 neg.
7887	Removed from collection
7888	Mervyn Filiponi; 4x5 neg.
7889	Dennis U. Fisher; 4x5 neg.
7890	Ermina Fisher; 4x5 neg.
7891	Judith Forest
7892	Evelyn Funk; 4x5 neg.
7893	Leon Garian; 4x5 neg.
7894	Dillard H. Gates; 4x5 neg.

7895	Charles Gavin
7896	Carol Glaze; 4x5 neg.
7897	Roland Groder; 4x5 neg.
7898	Louie H. Gross; 4x5 neg.
7899	Stephen F. Guettermann; 2-3/4 x 3-3/4 neg.
7900	Oscar N. Hagg
7901	Removed from collection
7902	Lynn F. Hall; 2-3/4 x 3-3/4 neg.
7903	N. John Hansen
7904	Billy Lynn Harris; 4x5 neg.
7905	Duane Hatch; 2-3/4 x 3-3/4 neg.
7906	James Hay; 2-3/4 x 3-1/2 neg.
7907	Homer Hepworth; 4x5 neg.
7908	Joyce Herold; 4x5 neg.
7909	John C. Hesketh; 4x5 neg.

7910	Debra Hoeft; 2-3/4 x 3-1/2 neg.
7911	Gloria Hoffman; 2-3/4 x 3-1/2 neg.
7912	Elvera Horrell
7913	Mike G. Huber; 4x5 neg.
7914-7915	Burton S. Hutton
7916	Removed from collection
7917-7918	Marjorie Jackson
7918	No print, 4x5 neg. only
7919-7920	Victor W. Johnson
7919	4x5 neg.
7921	Earle F. Jossy; 2-3/4 x 3-1/2 neg.
7922	Fredrick G. Kerr; 2-3/4 x 3-1/2 neg.
7923	Arthur S. King; no print, 120 neg. only
7924	Arthur S. King; no print, 4x5 neg. only
7925	Arthur S. King; no print, 4x5 neg. only

7926	Removed from collection
7927	Ernest J. Kirsch; 2-3/4 x 3-1/2 neg. only
7928	Lee R. Kolmer; 4x5 neg. only
7929-7930	John H. Landers, Jr.; 4x5 neg.
7931-7934	Andrew S. Landforce; 4x5 neg.
7935	R. Donald Langmo
7936	Gene M. Lear; 4x5 neg.
7937	Deborah Barker Lee; 2-3/4 x 3-1/2 neg.
7938-7939	Ann Litchfield; 4x5 neg.
7940	Debbie Lorenzen; 2-3/4 x 3-1/2 neg.
7941-7942	Mabel C. Mack
7941	No print, 4x5 neg. only
7943	Removed from collection
7944	Stephen C. Marks; 4x5 neg.

7945	Stephen C. Marks
7946	Missing
7947	Frances E. McCadden
7948	R.C. McCarty; no print, 4x5 neg. only
7949	Liz McHale; 4x5 neg. only
7950	Robert O. McMahon
7951-7953	Harvey A. Meier; 4x5 neg.
7954	John Mellott; 2-3/4 x 3-1/2 neg.
7955-7956	Sammuel L. Meyle; no prints, 120 neg. only
7957	Haward P. Milleville; 4x5 neg.
7958	Janice Grumprecht Moar
7959	Cal G. Monroe; 4x5 neg.
7960	Bernard J. Moore; 4x5 neg.
7961	Dana Moore; no print, 2-3/4 x 3-1/2 only
7962	Doris Moore; 2-3/4 x 3-1/2 neg.

7963	Wayne D. Mosher
7964-7965	H. Joe Myers; no print, 4x5 neg. only
7966	J. Loren Nelson; 4x5 neg.
7967	Susan Nesbitt; 2-3/4 x 3-1/2 neg.
7968-7973	Zelma R. Neugart; no print, 4x5 neg. only
7974	W.G. Nibler
7975	Removed from collection
7976	Lynden E. Nicholson; 4x5 neg.
7977	Ben A. Newell; 4x5 neg.
7978	Wayne Nierman; 4x5 neg.
7979	Gene H. Oberly; no print, 4x5 neg. only
7980	Owen D. Osborne; 2-3/4 x 3-1/2 neg.
7981	Fred Otley; 2-3/4 x 3-1/2 neg.
7982	Alan Otness; 4x5 neg.
7983	Paula Palmer; 4x5 neg.

7984-7985	Daniel Panshin
7984	4x5 neg.
7986	Ray Peterson; 4x5 neg.
7987	D.L. Rasmussen; 4x5 neg.
7988-7990	Lois Redman
7988-7989	4x5 neg.
7991-7992	Clinton B. Reeder
7991	4x5 neg.
7993	Curtis W. Reid; 4x5 neg.
7994	John Renk; 2-3/4 x 3-1/2 neg.
7995-7996	Guy E. Reynolds
7995	4x5 neg.
7997-7999	Kenneth J. Roberts
7997	4x5 neg.
8000	Robert Robinson; 4x5 neg.

8001	Ralph W. Rogers; 4x5 neg.
8002-8006	William J. Rompa; 4x5 neg.
8007	William J. Rompa; no print, 4x5 neg. only
8008	William J. Rompa; 4x5 neg.
8009	William J. Rompa; no print, 4x5 neg. only
8010	William J. Rompa; 2-3/4 x 3-1/2 neg.
8011	Barbara Ann Ross
8012	Charles R. Ross; 4x5 neg.
8013-8014	Jackson Ross; 4x5 neg.
8015	Margaret Lynn Roumpf; no print, 4x5 neg. only
8016	Oris Rudd; 2-3/4 x 3-1/2 neg.
8017-8018	Ralph Salisbury; no prints, 4x5 negs. only
8019	Robert H. Salzer; 2-3/4 x 3-1/2 neg.
8020	Molly Saul; 2-3/4 x 3-1/2 neg.
8021	Murle Scales

8022	Removed from collection
8023	Jean W. Scheel; 4x5 neg.
8024	Jane Schroeder; 2-3/4 x 3-1/2 neg.
8025	Walter Schroeder; 4x5 neg.
8026	John Schuldt
8027	
8043d	35 mm negs. and corresponding contact sheets
8027-8036	Velma Seat; 4x5 neg.
8037-8038	Memorial Union
8039-8041	dog
8042	Memorial Union
8043a	
8043b	administration building
8043c	fire alarm
8043d	administration building

8044	Jane Shearer
8045-8047	Marvin Shearer
8045	4x5 neg.
8046	No print, 4x5 neg. only
8048	Ted Sidor; 4x5 neg.
8049	Debra Jo Slater; 4x5 neg.
8050	Clifford L. Smith; 4x5 neg.
8051	[removed from collection]
8052	Stephen W. South; 4x5 neg.
8053	J. Fremont Sprowls; 2-3/4 x 3-1/2 neg.
8054-8055	Robert H. Sterling
8055	Color print
8056-8058	Ann Stevens
8056	4x5 neg.
8059-8061	Bernice Strawn

8060	4x5 neg.
8062	Removed from collection
8063	Laurel Stulken; 2-3/4 x 3-1/2 neg.
8064	Patricia R. Swanson; 2-3/4 x 3-1/2 neg.
8065	Ray H. Teal; 4x5 neg.
8066	[removed from collection]
8067-8070	John R. Thienes
8067	2-3/4 x 3-1/2 neg.
8071	David L. Thomas; 4x5 neg.
8072	Marion D. Thomas; 4x5 neg.
8073	Removed from collection
8074	Thomas W. Thompson
8075	Palmer Torvend
8076	Gary Van Gerpen; 4x5 neg.

8077	Frank Von Borstel; 2-3/4 x 3-1/2 neg.
8078-8079	Lester R. Vough
8078	4x5 neg.
8080	Don C. Walrod; 2-3/4 x 3-1/2 neg.
8081	Rex Warren; ca. May 1971
8082	Janice Weber; 4x5 neg.
8083-8084	Janice Weber; no prints, 4x5 negs. only
8085	Emma Lou Webster
8086-8088	John Weimar; 120 negs.
8089-8092	Harold Werth
8089	2-3/4 x 3-1/2 neg.
8093	Robert L. Wilder; 4x5 neg.
8094	Ellis E. Williams; 2-3/4 x 3-1/2 neg.
8095	Kenneth M. Willmarth; 2-3/4 x 3-1/2 neg.
8096	Ted L. Willrich; 4x5 neg.

8097	William Winkenwerder; 4x5 neg.
8098	Thomas Zurcher; 2-3/4 x 3-1/2 neg.
8099-8108	Northrup Creek Grazing Experiment; 4x5 negs. only

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P120

AGRICULTURAL COMMUNICATIONS

Inventory

Archivist's Note: Photographs 8109-8119 were transferred from RG69, Agricultural Communications, Biographical Files (accession 85:39).

8109	Badenhop, Arthur F.; 4x5 neg.
8110	Badenhop, Arthur F.; no print, 4x5 neg. only
8111	Hawkins, Craig; 4x5 neg.
8112	Weurstler, Ken; 4x5 neg.
8113	Wilson, Lurilee B.; 2-1/2 x 4-1/4 neg.
8114	Winkenweder, William
8115-8118	Yost, Raymond A.
8115	2-3/4 x 3-3/4 neg.
8119	Butz, Earl L.

Pacific Northwest (PNW) Bulletin Series -- Accession 93:046

8120	Dairy herd, barn, and silos; ca. 1955; b/w print. Used as cover photograph on PNW 14 - Grass and Legume Silage.; ca. May 1956
8121	Salvage logging of blowdown from windstorm; ca. 1962; b/w print. From file: PNW 119 - Salvage: Its Role in Forest Management.
8122-8123	Christmas tree (Douglas fir?) seedlings; ca. 1978; b/w prints. From file: PNW 148 - Chemical Weed Control in Christmas Tree Plantations.

[Photographs P120:8124-8127 were transferred from P29 (Agricultural Experiment Station), Accession 87:6]

8124-8127 Portable community cannery sponsored by Josephine County Granges and the OSC Extension Service, ca. 1930; 5x7 prints; photographed by Artcraft Studio, Grants Pass, Oregon.

Accession 91:032

8128-8130 Title slides for "It's Happening" television program; Host: Bill Smith; Director: Richard Potter (4 slides).

Agricultural Communications Photographs (P120)

Inventory (continued)

Accession 95:031

8131-8144 Photographs of Extension personnel separated from biographical files, ca. 1970-1991; b/w prints and negatives.

- 8131** Best, Richard L.; 4x5 neg.
- 8132** Campbell, Ron, 1977; 4x5 neg.
- 8133** Craver Christy, Barbara; 2-3/4 x 3-1/2 neg.
- 8134** Culler, Carol J.; 4-4x5 negs.
- 8135** Cunningham, Thomas A.; 4x5 neg.
- 8136** Dickens, David, 1984; 4-4x5 negs.
- 8137** Galloway, Robin, 1991
- 8138** Harvey, Frances; 2-3/4 x 3-1/2 neg.; 4-4x5 negs.
- 8139** Hilliker, S. Alden, 1984; 4x5 neg.
- 8140** Johnson, Bruce L.; 4x5 neg.
- 8141** MacSwan, Iain; 4x5 neg.
- 8142** Maddy William C.; 4x5 neg.; 2-3/4 x 3-3/4 neg.
- 8143** Mumford, Ira
- 8144** Nuckton, Carole A.

Accession 96:031

8145 Mural collage of Emergency Farm Labor Service photographs, ca. 1947 (transferred from Horner Museum)

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31 July 1996

t:\users\arch\photo\p120c.inv

g:\archives\arch\photo\p120a.inv

last updated: 3 September 2003

Accession 2012:017

(P 120) Extension and Experiment Station Communications Photographs, 1912-1994

Box 1

Prints arranged by Subject:

Aerials

Agricultural Chemistry

Agricultural Engineering

Animal Science

Animal Science—Fur Farming

Animal Science—Beef Cattle

Animal Science—Dairy Cattle

Animal Science – Sheep

Animal Science—Swine

Bio-tech

China

Crops—Specialty

Crops—Wheat

Crops—Forages (images of hops and beer)

Crops—Grains

Crops—Seeds

Crop Science Department

Entomology

Environment (Aerial, Buildings, Landscapes)

Fisheries and Wildlife

Fisheries and Wildlife—Bears
Fisheries and Wildlife—Birds
Fisheries and Wildlife—Deer
Marine Safety
Foods and Nutrition
Horticulture—Tree Fruits
Horticulture—Ornamentals
Horticulture—Berries
Horticulture---Nuts
Horticulture—Vegetables
Horticulture--Misc.
Food Science and Technology
People
Home Economics
Laboratory for Nitrogen Fixation
Personnel
Box 2
Personnel
Meetings/Agricultural Research Foundation
Rangeland Resources
Botany and Plant Pathology
Soil Science
Water
Microbiology
Agricultural Economics

Poultry Science—Chickens
Poultry Science—Turkeys
Veterinary Science—Rabbits
Veterinary Science—Others
Pix
Branch Stations—Seafood Lab/Astoria
Branch Stations—Eastern OR/Union
Branch Stations—Eastern OR/Squaw Butte/Burns
Branch Stations—Central OR/Redmond
Branch Stations—Malheur/Ontario
Branch Stations—Mid-Columbia/Hood River
Branch Stations—Columbia Basin (Sherman)/Moro
Branch Stations
Branch Stations—Columbia Basin (Umatilla)/Hermiston
Branch Stations—Southern OR/Medford
Branch Stations—North Willamette/Aurora
Branch Stations—Columbia Basin/Pendleton
Branch Stations—Marine Science Center/Newport
“Art About Agriculture” Exhibit
Hyslop Farm
Diamond Pioneer Luncheon Meeting and Attendees, 1983
Malheur County Fair, 1912 Untitled Folder
Images Used in *Gazette-Times* Special Editions, 1978; 1980 (2 folders)
Examples of Publications Featuring EESC Photographs
Contact Prints on Index Cards arranged by Subject (photo cards-alpha)
Aerials
Ag. Chemistry
Ag. Economics
Ag. Engineering
Animal Science
Beef Cattle
Dairy Cattle Fur Farming
Horses
Rabbits
Aquaculture
Box 3
Rangeland Resources
Sheep
Swine

Botany and Plant Pathology
Crop Science
Crops
Forages
Grains
Seed
Specialty
Entomology
Environment
Fisheries and Wildlife
Fishing Safety
Food Science and Technology
Foods and Nutrition
Home Economics
Horticulture
Box 4
Berries
Nuts
Ornamentals
Tree Fruits
Vegetables
Hyslop Farm
International Ag.-Mexico
Lewis Brown Farm
Meetings
Microbiology
Nitrogen Fixation
Oregon Coast-Astoria Seafood Lab
Personnel
Poultry Science
Chickens
Turkeys
Soil Science
Soil and Water Conservation
Vegetable Farm
Veterinary Medicine
Water
1978 Gazette-Times Special Summer Edition
“What We Have Done For You Lately”
Branch Stations
Central Oregon-Redmond
Columbia Basin-Hermiston

Columbia Basin-Pendleton
Commercial Fishing
Eastern Oregon-Burns
Eastern Oregon-Union
Klamath Falls
Malheur Branch-Ontario
Mid-Columbia Hood River
Marine Science Center-Newport
North Willamette-Aurora
Misc.
Southern Oregon-Medford
Campus-Misc.

Box 5

Negatives in two 5x7 index card boxes arranged by number (1E -2101)
(numbers on negative envelopes correspond to numbers on the contact sheets)
Negatives Arranged by Date Taken (in envelopes)

Box 6

November 1972 through May 18, 1981

Box 7

May 20, 1981 through October 1994

Box 8 (16x20 oversize box)

Two undated prints by Jim Larison of an unidentified man in a portrait pose and lassoing cows from a horse.