

Series Outline

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2	4	Prune Projects
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2	12	Biennial Reports for the Experiment Station
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2	14	Progress Report - Dextrose Investigation
2	15	Fish Projects
2	16	Progress Report of Fish and Vegetable Preservation Studies, 1940-1941
2	17	Strawberries, 1941
2	18	Blackberries
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3	21	Air Pollution - Technical Information Survey
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3	23	Arnold Dryer Company
3	24	Summary of Drying Tests on Arnold Dryer
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3	27	Soil and Water Conservation
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3	29	Drying - General
3	30	Artificial Drying of Corn
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3	33	Insulate Egg Room
3	34	Rural Electrification - Electric Fence Project
3	35	Official Tests of Electric Fence Units
3	36	Electric Sterilizer Project
3	37	Soil Erosion

- 3 38 Rural Electrification - Farm Freezer Units
- 3 39 Farm Machinery, Secretary of Agriculture, Engineering Research Branch, Annual Report, 1953-1954
- 3 40 USDA Agriculture Research Service, Agriculture Engineering Research, Farm Machinery, Annual Report, 1954-1955
- 3 41 Fiber Flax - Annual Reports, 1950-1951
- 3 42 Feed Grinding Study Project
- 3 43 Brownell Floor Heating Experiment
- 3 44 Poultry Floor Heating - OSC Experiment Station
- 3 45 Harvesting and Farm Seed Cleaning and Handling - Annual Report, 1956
- 3 46 Harvesting Forage Crops in Western Oregon and Progress Report, on 4-6 Combins, 1957
- 3 47 Irrigation
- 3 48 Irrigation Research on Willamette Valley Soils
- 3 49 Sprinkler Irrigation - General
- 3 50 Kitchen Hooks
- 3 51 Milkrooms - Construction of Milkhouses
- 3 52 Poultry Housing and Ventilation
- 3 53 Third National Potato Conference
- 3 54 Purnell Reports and Miscellaneous Project Reports
- 3 55 Refrigeration
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- 3 58 Reports and Lectures - Miscellaneous
- 3 59 Research Projects - Filbert Harvester
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- 3 68 Semi-Scalder Turkeys
- 3 69 Electric Soil Sterilizer
- 3 70 Soil Sterilization
- 3 71 Squaw Butte Experiment Station
- 3 72 Water Resources
- 3 73 Water Supply Information
- 4 74 Small Seed Harvesting and Processing Investigation - Annual Reports
- 1 Fiber Flax Processing Investigations, 1947
- 1 Irrigation of Vegetable Crops, Multnomah County, 1952
- 5 1 Balsam Woolly Aphid
- 5 2 Insect Lab - Rudinsky
- 5 3 Regional Research
- 5 4 Seed Lab
- 5 5 Soils - Youngberg
- 5 6 Genetics - B.L.M.
- 5 7 Hill Projects
- 5 8 Forest Research Division - Administration Project 200
- 5 9 Forest Research Division - Technical Project 342
- 5 10 USDA Research
- 5 11 Thesis - Application of Western Hemlock Yield Tables
- 5 12 B.L.M. - Animals
- 5 13 Forest Research Division - Technical Project 341
- 5 14 Genetics Project

5 15 Agricultural Experiment Station

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Series V. Patents

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 4 76 Patents - Material from Dr. Johnson
 4 77 Insecticide Patent Material for B.G. Thompson
 4 78 Disinfectant Patent by H.P. Barss
 4 79 Pear Blight Patent
 4 80 Scale Beam Patent by Dr. Wilster
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 5 2 Agricultural Engineering Staff Seminars, 1961
 5 3 Graduate Students and Graduate School
 5 4 Irrigation Research Review Conference
 5 5 Staff - Rogers
 5 6 Radiation Safety Committee

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Series VII. Correspondence

5 1958-1965
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 1 Documents from microfilm reels 5-6, 1925-1965
 1 Joint administration of department, 1929-1947
 1 Western Agricultural Engineering Center, Memorandum of Understanding, 1970

Reel Folder**Series VIII. Radio Talks & Reports, 1938-1949**

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|---|----|---|
| 5 | 1 | Research in Rural Electrification , March 18, 1939 |
| 5 | 2 | Power and Agricultural Development of the Northwest , July 7, 1938 |
| 5 | 3 | Planning a Dairy Barn , December 11, 1939 |
| 5 | 4 | How Statistics Improves Physical, Chemical, and Engineering Measurements , December 14, 1949 |
| 5 | 5 | How Electricity is Being Used on Oregon Farms , March 25, 1940 |
| 5 | 6 | The Pneumatic Tired Tractor , February 17, 1940 |
| 5 | 7 | The Effect of Tire Wear on Tractor Performance , January 27, 1940 |
| 5 | 8 | Land Development in the State of Oregon , January 24, 1940 |
| 5 | 9 | Rubber Tires for Farm Equipment , April 10, 1940 |
| 5 | 10 | New Developments in Farm Tractors , October 11, 1939 |
| 5 | 11 | Engineering Evolution and its Relation to Agriculture , February 14, 1940 |
| 5 | 12 | Explosives - An Instrument of Industrial and Agricultural Progress , January 10, 1940 |
| 5 | 13 | Studies of Barn Dried Hay |
| 5 | 14 | Engineering Aspects of Rodent Control |
| 5 | 15 | Aids to Judgement in Irrigation |
| 5 | 16 | Planning a Small Farm Walnut or Filbert Drier , May 20, 1939 |
| 5 | 17 | Labor-Saving Devices Used on Oregon Farms , October 19, 1942 |
| 5 | 18 | Repairing Farm Machinery Now for Spring and Summer Needs , February 1, 1943 |
| 5 | 19 | Electrical Hotbeds and Propagating Beds , January 26, 1942 |
| 5 | 20 | Dairy Barns , January 10, 1947 |
| 5 | 21 | Adequate Wiring , February 14 |
| 5 | 22 | Farm Safety |
| 5 | 23 | Farm Building Insulation , November 22, 1946 |
| 5 | 24 | Pumping Molasses When Adding it to Grass Silage , October 25, 1946 |
| 5 | 25 | Servicing the Cooling System for Anti-Freeze , November 8, 1946 |
| 5 | 26 | Who Ever Heard of a Half Horse? , June 13, 1947 |
| 5 | 27 | The Second Home on the Farm , May 16, 1947 |
| 5 | 28 | Farm Fire Protection |
| 5 | 29 | Hydraulic Power Controls for Farm Machines , April 4, 1947 |
| 5 | 30 | Roof Coverings on Farm Buildings , April 18, 1947 |
| 5 | 31 | Hay Driers for Western Oregon , May 2, 1947 |
| 5 | 32 | Electric Hotbeds |
| 5 | 33 | Mechanical Means of Weed Control , February 24, 1940 |
| 5 | 34 | Low Pressure Sprinkler Irrigation , January 13, 1940 |
| 5 | 35 | A Comparison of Two Types of Cylinders , January 20, 1940 |
| 5 | 36 | Wood Hoop Granaries , February 10, 1940 |
| 5 | 37 | Mechanization of Sugar Beet Production , March 2, 1940 |
| 5 | 38 | The Policies of Creditors in Relation to Soil Conservation , February 3, 1940 |
| 5 | 39 | Electricity on the Farm , February 28, 1940 |
| 5 | 40 | One Story Dairy Barn , March 9, 1940 |
| 5 | 41 | The Power Companies Activities in Rural Electrification as Viewed from the Standpoint of the Public , March 1, 1940 |
| 6 | | This reel consists of materials also available on reel 5 or in paper form. A detailed (item-level) inventory is available in the Archives central file. |

Box**Series IX. Annual Reports of Research, 1970-1983**

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| 1 | 1970/71 to 1974/75 |
| 1 | 1980/81 to 1982/83 |

Box**Series X. Flax Industry Materials, 1938-1954**

- 1 Baling, 1942-1945
- 1 Costs and Yields, 1938-1941
- Patents
 - 1 General Flax Processing Equipment (6 folders)
 - 1 Pullers (4 folders)
 - 1 Miscellaneous (2 folders)
- Plans and Drawings
 - 2 A-C Combine Puller Deseeder, 1943
 - Binders
 - 2 Straw Divider and Double Needle Binder (installation at Mt. Angel), 1946-1953
 - Breakers
 - 2 Ideas-LMK, 1942
 - 2 Shaker Breaker Shaker, 1951
 - 2 Bundle Conveyer
 - 2 Butter Destroyed by Fire at Silverton, 1941-1942
 - Deseeders
 - 2 A&B (MCW, LMK), 1939
 - 2 Cornelius and Mt. Angel, 1941-1948
 - 2 Crank Arm Drive, 1940
 - 2 Molalla, 1941-1943
 - 2 Santiam, 1951
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 - 2 Field Binder Loader, 1953
 - 2 Granger Farm Storage Sheds, 1941
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 - 2 Oil Burner Specifications, 1952
 - 2 Phormium Stripper Base and Drive Plan
 - 2 Plants - Field Notes and Measurements, 1941-1942
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 - 2 Self-Propelled Puller
 - 2 Vessot Puller
 - 2 Retting Tanks - Top Lift/Hoist Mechanism, 1945-1951
 - Santiam Flax Growers
 - 2 Heating Coil Installation - Tow Dryer
 - 2 Scutching and Tow Building Layout, 1943-1946
 - Scutchers
 - 2 Breaker-Scutcher #1 (burned at Harrisburg)
 - 2 Demonstration Unit, 1949
 - 2 Experimental Scutcher Installation - Santiam, 1945
 - 2 Feeder Design, 1950-1951
 - 2 Gripping Chain and Breaker-Experimental Scutcher, 1944-1949
 - 2 New Scutcher Springs, 1947-1949
 - 2 Scutcher #4
 - 2 Scutcher Feed Table (Butting), 1945-1948
 - 2 Scutching Breaker #1 - MCW
 - 2 Scutching Machine - LMK, 1940
 - 2 Tow Scutching and Tow Cleaners, 1942-1944
 - 2 V.H. and V.S. Combination Scutcher Plan for Mt. Angel

- 3 Special Patent Drawings, 1953
- 3 String Cutter, 1947-1952
- 3 Temperature and Humidity Controlled Room, 1941
- 3 Tow Separator Box, 1946-1950
- 3 Tow Shakers, 1940
- 3 Tow Shaker Dryer - Benton, 1942-1946
- Plans and Drawings of Equipment and Buildings - Oversize
- 7 List of Drawings for Flax Processing Plants, 1942 (apx 20x24 in.)
- 7 Preliminary Sketches (apx 20x24 in.)
- Map-case**
- * Sketches and Preliminary Drawings
- * Plot Plans and Plant Layouts
- * Existing Structures Tracings
- * Belgian Retting Tanks Tracings
- * Miscellaneous Prints
- * Proposed Structures Tracings
- * Sketches and Preliminary Drawings
- * Equipment Plans [Primarily original ink drawings]
- 3 Publications, 1942-1945
- Reports
- 3 Accomplishments of the Fiber Flax Processing Investigations, 1946-1954
- 3 Deseeding Circular
- 3 Experimental Self-Propelled Flax Puller Progress Report, 1951-1952
- 3 Flax Puller Circular
- 3 Machine Construction Monthly Reports, 1941-1943
- 3 Performance of the Experimental Bundle Spreading Device, 1946
- 3 Processing Fiber Flax in Oregon (write-up for Bulletin)
- 3 Rotary Comb Deseeder Bulletin
- 3 Scutching Machine for Fiber Flax (Circular)
- 3 Test Reports, 1948-1952
- Tests
- 3 Butting Tests, 1946
- 3 Butting Test - Washington County, 1948
- 3 Commercial Flax Variety Tests (Chapin Plots), 1951
- 3 Data, 1942-1946
- 3 Deseeder - Mt. Angel, 1948-1952
- 3 Field Binder Loader, 1950
- 3 Hand and Machine Hackling Test, 1951
- 3 Pulling Test, 1946
- 3 Scutcher
 - 3 Experimental vs. Van Hauwaert, 1946-1947
 - 3 Experimental vs. Vansteenkiste, 1950
- 3 Scutcher Tests - Mt. Angel, 1948-1949
- 3 Scutcher Beater Speed Test, 1951-1952
- 3 Scutcher Blade Modification Test, 1952
- 3 Scutcher Feeder Tests - No. 1 and 2 - Santiam
- 3 Scutcher Performance Comparison Tests, 1947
- 7 Scutching Tests, 1945 (apx 20x24 in.)
- 3 U.S. Department of Agriculture, 1940-1944
- 3 Want Lists, 1939-1958

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- 3 Plans - Potato Washers
- Homes
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 - 5 Freedom House (apx 20x24 in.)
 - 5 House Planning and Architectural Drawing Class Projects (apx 20x24 in.)
 - 5 Housing for the Elderly (apx 20x24 in.)
 - 5 Modular House (apx 20x24 in.)
 - 5 Rosenstiel Residence (apx 20x24 in.)
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 - 6 Bail Tie Straightener (apx 20x24 in.)
 - 6 Barns, General Purpose (apx 20x24 in.)
 - 6 Beef Equipment (apx 20x24 in.)
 - 6 Beef Barns (apx 20x24 in.)
 - 6 Breeding Crates and Chutes (apx 20x24 in.)
 - 6 Camp Cabins (apx 20x24 in.)
 - 6 Cattle Feeders (apx 20x24 in.)
 - 6 Cattle Guards (apx 20x24 in.)
 - 6 Children's Playground Merry-go-round (apx 20x24 in.)
 - 6 Chutes (apx 20x24 in.)
 - 6 Cone Feed Mixer (apx 20x24 in.)
 - 6 Corn Cribs (apx 20x24 in.)
 - 6 Corn Driers (apx 20x24 in.)
 - 6 Dairy Barns (apx 20x24 in.)
 - 6 Dehydrators (apx 20x24 in.)
 - 6 Dipping Vats (apx 20x24 in.)
 - 6 Drag Saw (apx 20x24 in.)
 - 6 Dusting Equipment and Weed Sprayers (apx 20x24 in.)
 - 6 Electric Pig Brooder (apx 20x24 in.)
 - 6 Farm Fence (apx 20x24 in.)
 - 6 Farm Labor Houses (apx 20x24 in.)
 - 6 Fruit and Vegetable Storage (apx 20x24 in.)
 - 6 Garages, Two-Car (apx 20x24 in.)
 - 6 Garden Pea Sheller (apx 20x24 in.)
 - 6 Granaries and Grain Elevators (apx 20x24 in.)
 - 6 Grass Seed Thresher (apx 20x24 in.)
 - 6 Hay Sheds (apx 20x24 in.)
 - 6 Hay Driers (apx 20x24 in.)
 - 6 Haying Equipment (apx 20x24 in.)
 - 6 Hog Feeders (apx 20x24 in.)
 - 6 Hog Houses (apx 20x24 in.)
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 - 6 Horse Barns (apx 20x24 in.)
 - 6 Horticultural Tent House (apx 20x24 in.)
 - 6 Incinerator (apx 20x24 in.)
 - 6 Iron Bender Stand (apx 20x24 in.)
 - 6 Machinery Sheds (apx 20x24 in.)

- 6 Manure Loader (apx 20x24 in.)
- 6 Manure Tanks and Pits (apx 20x24 in.)
- 6 Milk Houses and Equipment (apx 20x24 in.)
- 6 Nut Driers (apx 20x24 in.)
- 6 Nut Harvesters (apx 20x24 in.)
- 6 Potato Houses (apx 20x24 in.)
- 6 Poultry Houses and Equipment (apx 20x24 in.)
- 7 Refrigeration (apx 20x24 in.)
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- 7 Rural Community Halls (apx 20x24 in.)
- 7 Scale and Corral Layout (apx 20x24 in.)
- 7 Septic Systems (apx 20x24 in.)
- 7 Sewing Cabinet (apx 20x24 in.)
- 7 Sheep Sheds and Equipment (apx 20x24 in.)
- 7 Silage Conveyor and Feed Bunk (apx 20x24 in.)
- 7 Silos (apx 20x24 in.)
- 7 Smokehouses (apx 20x24 in.)
- 7 Soil Sterilizer (apx 20x24 in.)
- 7 Suction Harvester for Clover Seed (apx 20x24 in.)
- 7 Trailers (apx 20x24 in.)
- 7 Troughs and Feed Bins (apx 20x24 in.)
- 7 Turkey Houses and Equipment (apx 20x24 in.)
- 7 Utility Buildings (apx 20x24 in.)
- 7 Vegetable Greenhouse (apx 20x24 in.)
- 7 Water Supply (apx 20x24 in.)
- 7 Water Wheel (apx 20x24 in.)
- 7 Wood Lift (apx 20x24 in.)
- Oregon State College Buildings and Structures
- 7 Agricultural Engineering Building (apx 20x24 in.)
- 7 Beef Barn (apx 20x24 in.)
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- 7 Experiment Stations (apx 20x24 in.)
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- 7 Laboratory/Office Building (apx 20x24 in.)
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- 7 Pasture Lands - Plans for Development (apx 20x24 in.)
- 7 Poultry Structures (apx 20x24 in.)
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- 7 Albany City Park - Outdoor Kitchen (apx 20x24 in.)
- 7 Curtis Farm - Irrigation Pipe System (apx 20x24 in.)
- 7 Elkins Feedlot (apx 20x24 in.)
- 7 J.L. Cattle Ranch, Prairie City, Oregon - Corral and Chutes (apx 20x24 in.)
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- 7 Pacific Supply Cooperative - Farm Storage (apx 20x24 in.)
- 7 State Fair and County Fair Grounds Structures (apx 20x24 in.)
- 7 W.C.T.U. Children's Farm Home - Dairy Building (apx 20x24 in.)