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Agriculture

Agricultural Engineering

Experiment Station Project Reports, 1924-45, 1948-83

Box 1:

Station Projects, Book II

"List of Blue Print Plans", March 1933

Project 304-Corn Borer Control

305-Weed Control

Soil and Water Conservation Project Statements for Projects 311-317, 1950-59

312 Runoff from Small Agricultural Areas, 1950

312 Runoff from Small Agricultural Areas, 1950-81

313 Sediment Yield from Small Agricultural Areas, 1978-83

314 Nitrogen as an Environmental Quality Factor, 1981

319 Hydraulic and Hydrologic Models of Components of Soil and Water Control Systems, 1972

406-Stationary Spraying Plant Design, 1930-

407-Apple Washing, 1933-35

408-Grading of Hybrid Seed Corn, 1939-41

409-Hay Crushing, 1938-39

Cooperative project and outside work on the hay crusher for the Food Machinery Corporation, San Jose, CA, 1938-39

410-Cooperative Project on Heavy Gases for Preserving Hay Silage for the Starline, Incorporated, Harvard, Illinois, 1939-40

501-Sewage Disposal

601-Grain Drying and Storage, 1924-35 (2 folders)

Blower and Construction Details

Box 2:

Project 601- Subproject: TVA Drier- Original Data and Curves, 1939-41

Corn Drying, 1924

Crusher-Mower Studies, 1932

Report of Stationary Spraying Time Studies, 1933

Viscosity Measurements of Spray Solutions- Stationary Spraying Project, 1934

1936 Seed Corn Drying- Original reports, miscellaneous

Seed Corn Drying- Summary Data, (1936-38)

Soybean Hay Drying, 1936

Heating of Bran Bait- Report, 1938

Thermal Volumetric Efficiency, 1938

Cooperative Project with Food Machinery Corporation, 1940

Barn Curing of Hay, 1945

Illinois Ear Corn Drying Tests, 1948-49

Box 3:

Carotene Preservation in Alfalfa, 1954

Hay Flaming Tests for Carotene Preservation, 1954-55

Farm Drying of High-Moisture Grains in Quonsets, 1956

Ball Mill Moisture Tester notes

Corn Grading report

Dew Point Recorder- Graduate Problem, ME112

High Temperature Corn Drying versus Wet Milling

Maternity Barn Hay Drier

Proposed Hay Sample Drying Unit- Dixon Springs Pasture Project, Hobbs, Illinois

Tests on Rex Nozzles for Chain Belt Company, Milwaukee, Wisconsin