

Department of Biosystems and Agricultural Engineering Records UA.16.6

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Describing Archives: A Content Standard

Michigan State University Archives and Historical Collections

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Summary Information

Repository: Michigan State University Archives and Historical Collections

Source - dnr: Paris, Clark D.

Title: Department of Biosystems and Agricultural Engineering records

ID: UA.16.6

Date [inclusive]: 1907-2014

Physical Description: 15.5 Cubic Feet 2 boxes, 19 flat boxes

Language of the

Material:

English

Preferred Citation

Researchers wishing to cite this collection should include the following information: "Item title, Collection title, Collection Identifier, Michigan State University Archives & Historical Collections, East Lansing, Michigan".

Historical Note

Agricultural Engineering classes were offered at MSU since 1899. In 1906 the Farm Mechanics Department was created. These courses were part of the agriculture curriculum and taught students how to operate and maintain gasoline and steam engines and farm machinery; how to design farm structures to accommodate cattle, poultry, sheep, horses, and swine; and how to drain swamps and clear land. Farm mechanics expanded in the early 1920s due to the growing importance of tractors, power machinery, electricity, and concrete. The name of the course changed to Agricultural Engineering in 1923. In 2004 the name was changed to the Department of Biosystems and Agricultural Engineering to reflect current issues in the field.

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Scope and Contents

The records consist of project summaries, newsletters, extension handouts, safety photo contest, safety posters, and National Dairy Engineering Conference proceedings. Also included is a 1948 dedication program for the agriculture engineering building and "From the Ground Up 75 Years of Progress in the Agricultural Engineering Department 1906-1981." Also included are photographs of shop classes in the department. There are images of students in the classroom as well as in workshops testing materials and working with various types of machinery. There are photographs of harvesting and planting in the fields as well as interiors and exteriors of farm homes. Also included are photographs that highlight different safety issues found on a farm.

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Administrative Information

Publication Statement

Michigan State University Archives and Historical Collections

Conrad Hall 943 Conrad Road, Room 101 East Lansing, MI 48824 archives@msu.edu

URL: http://archives.msu.edu/

Conditions Governing Access

Collection is open for research.

Conditions Governing Use

Permission to publish material from this collection must be obtained from University Archives & Historical Collections, Michigan State University.

Conditions Governing Access

Legal Status: Copyright: Michigan State University Property Rights: Michigan State University

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Controlled Access Headings

- Agricultural engineering
- College buildings
- Potatoes -- Storage
- Safety
- Tractors
- Agriculture -- Safety measures
- Agricultural engineering -- Study and teaching
- Kuhn, Madison
- Michigan State University. Agricultural Engineering Department
- Pfister, Richard
- Michigan State University. Department of Biosystems and Agricultural Engineering
- Paris, Clark D.

Collection Inventory

Departmental Records		
Title/Description	Instances	
Alumni Newsletter, 1952	drawer F.D.	folder 1
Brochures/Booklets about program, 2006, 2008, Undated	drawer F.D.	folder 2
Bylaws for Academic Governance, 2005	drawer F.D.	folder 3
Correspondence, 1949, 1953, 1954, Undated	drawer F.D.	folder 4
Dedication Program- Agriculture Engineering Building, 1948	drawer F.D.	folder 5
Experimental Developments in Bulk Storage of Onions by J.S. Boyd and J.F. Davis , 1954	drawer F.D.	folder 6
Extension Handouts, 1936-1971, Undated	drawer F.D.	folder 7
Extension Handouts-Tourist and Resort Service, 1946-1948	box 5798	folder 68
Extension Project Summaries for 1963-1965 and 1968-1971	box 5798	folder 69
From the Ground Up 75 Years of Progress in the Agricultural Engineering Department 1906-1981, 1984	box 5798	folder 70
Material Presented at Michigan Silo Conference, 1956	box 5798	folder 71
Michigan Agricultural Exposition brochures, 1980-1986	box 5798	folder 72
Michigan Agricultural Injuries and Illness for 1992, 1995	box 5798	folder 81
National Dairy Engineering Conference Proceedings, 1967	box 5798	folder 73

National Dairy Engineering Conference Proceedings, 1969	box 5798	folder 74
Research Project Summary, 1964, 1968-1971	box 5798	folder 75
Service Letter newsletter, 1953-1954	box 5798	folder 76
State of the Department by William R. Fox, 1978	box 5798	folder 79
Teaching Report for 1968-1969	box 5798	folder 77
Tour through the Agricultural Engineering Building, 1956	box 5798	folder 78
Plan Service Index of Plans, List of Agricultural Engineering Handbooks, undated	box 5798	folder 80
Agricultural Engineering Department Chairman and Extension Specialists List, undated	box 5397	folder 1
Agricultural Engineering Department Staff Bulletin, Nos. 10, 14, 15 & 18, 1980-1981	box 5397	folder 2
Agricultural Engineering Teaching Seminar, November 28, 1958	box 5397	folder 3
Centennial of Farm Mechanization Exhibitor's Brochure, August 15-20, 1955	box 5397	folder 4
Correspondence about Miniature Tractor-Tipping Demonstration, December 29, 1961	box 5397	folder 5
Correspondence to Richard Pfister, June 5, 1959	box 5397	folder 6
"Electrical DemonostrationsYou Can Perform" booklet, 1952	box 5397	folder 7
Farmers' Week Golden Anniversary Booklet, 1965	box 5397	folder 8
GM Automotive Safety Accomplishments booklet, undated	box 5397	folder 9
Michigan Patron newsletter, Vol. 43 No. 8, August 1959	box 5397	folder 10
Newspaper clippings. Tornado Safety, 1956 and undated	box 5397	folder 11
President's Conference on Occupational Safety Program, June 23-25, 1964	box 5397	folder 12
Safety Photo Contest Entries, May-July 1956	box 5397	folder 13
Safety Standards by the U.S. Department of Labor, 1956, 1962	box 5397	folder 14
Printing Plates, undated	box 5397	folder 15
Safety Posters, undated	box 5397	folder 41
State of Michigan Proclamation for Rural Clean-Up Month, April 1953	box 5397	folder 42
Agricultural Engineering Curriculum, 1966	box 5798	folder 60
Centennial of Farm Mechanization, 1955	box 5798	folder 61
Department Information to Update History of the Department, 1972-1975	box 5798	folder 62

A Display Center for Agricultural Machinery and Equipment for MSU, October 20, 1955, October 20, 1955	box 5798	folder 63
Golden Anniversary American Society of Agricultural Engineers, Event Programs , 1957	box 5798	folder 64
History of the Agricultural Engineering Department MSU 1906-1964 by N. F. Meador, 1964	box 5798	folder 65
90th Anniversary Celebration, October 1996	box 5798	folder 66
Nomination Form for Historical Marker for Moore-Hascall Combine Model, 1977	box 5798	folder 67
Stray Voltage on the Farm by Truman Surbrook and Norman Reese, circa 1981	box 5798	folder 83
A Standard Pallet Tank for Handling Cherries by B.F. Cargill, B. R. Tennes, J. H. Levine, 1969	box 5798	folder 84
"Feeding Michigan's Livestock in 1944", circa 1944	drawer F.D.	folder 8

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Agriculture Engineering Drawings Blueprints- See Agriculture Engineering Drawings database for list

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Box 2917	box 2917
Box 2918	box 2918
Box 2919	box 2919
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Box 2924	box 2924

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Box 2928	box 2928
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Blueprint of Potato Elevator, 1940	drawer 11

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Title/Description	Instances	
Photographs - Department Collection		
Agriculture. Cultivating (2 folders)	box UA	
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Agriculture. Harvesting (2 folders)	box UA	
	Photo 46	
Agriculture. Harvesting. Corn picker, 1927	box UA	
	Photo 46	
Agriculture. Harvesting. Hayloaders	box UA	
	Photo 46	
Agriculture. Harvesting. Holt combined bean harvester	box UA	
	Photo 46	
Agriculture. Harvesting. Holt combined harvester	box UA	
	Photo 46	
Agriculture. Harvesting. Potato digger	box UA	
	Photo 46	
Agriculture. Planting. Farmall-operated McCormick-Deering	box UA	
two-row planter	Photo 46	
Agriculture. Planting. Farmall, rubber equipped, planting	box UA	
potatoes, 1934	Photo 46	
Agriculture. Plowing (2 folders)	box UA	
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Agriculture. Threshing	box UA	
	Photo 46	
Agriculture. Threshing. Gasoline engine tractor pulling Holt	box UA	
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Agriculture. Threshing. Threshing radish seed, 1932	box UA	
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Cherry Harvesting	box UA
	Photo 46
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Homes. Crouch Residence, East Lansing, Michigan. Interior	box UA
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Homes. Faleon Residence, Vicksburg, Michigan. Exterior and	box UA
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Homes. Foster Residence, River Junction, Michigan. Exterior	box UA
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Homes. Henning Residence, DeWitt, Michigan. Interior	box UA
	Photo 47
Homes. Ichwork Residence, Ovid, Michigan. Interior	box UA
	Photo 47
Homes. Interiors	box UA
	Photo 47
Homes. Shaible Residence, East Lansing, Michigan. Interior	box UA
	Photo 47
Homes. Shifelt Residence, Laingsburg, Michigan. Interior	box UA
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Machinery. Lime spreader	box UA
	Photo 47

	box UA Photo 47	
Machinery. Threshing machine	box UA Photo 47	
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Corn Picking Contest with Instructing Judges, Circa 1965	box 5397	folder 21
Dr. Pfister with Home Econ Groups and Fire Extinguishers, undated	box 5397	folder 22
Farm Safety Displays, undated	box 5397	folder 23
Farmers gathering hay, baling hay, and observing equipment, undated	box 5397	folder 43
Fireman next to a fire truck talking to some children, 1962	box 5397	folder 24
General Farm Safety Issues, 1959-1960, undated	box 5397	folder 25
Grounded metal roofs destroyed, undated	box 5397	folder 26
Hand injuried in corn picker that required amputation above the wrist, May 1971	box 5397	folder 27
Lighting, undated	box 5397	folder 28
Man with cast on leg, crutchs, sling, and head bandage walking around, undated	box 5397	folder 29
Maynard Coe and Milon Grinnell, February 1, 1950	box 5397	folder 30
Metal barns and silos with hand painted leaves on trees, undated	box 5397	folder 44
Michigan House Bill No. 3267 being signed, February 11, 1966	box 5397	folder 31
Michigan Rural Safety Council - Distinguished Service Citations, January 1979	box 5397	folder 32
Public Service Award with Milon Grinnel, Art Boroughs, Richard Pfister, and Jon Pulling, Circa 1957	box 5397	folder 33
State Association of Mutual Insurance Companies of Michigan Annual Convention, June 25-28, 1961	box 5397	folder 34
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Engineering. Collection. Michigan. Lansing. Capitol. East entrance.		
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Stereo Cards	drawer stereo	drawer 4
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Bridges. Railroad Suspension Bridge, Niagara Falls (2 folders)		
California. Yosemite Valley. Bridal Veil Falls		
California. Yosemite Valley. Mirror Lake, from Mt. Watkins		
Colorado. Balancing Rock		
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England. London. Royal Albert Hall, south side		
England. Norwich. Cathedral		
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France. Paris		
France. Paris. Boulevard Madeleine		

France. Paris. St. Etienne du Mont Church. Interior

France. Paris. Paris and the Eight Bridges

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Georgia. Savannah. The Exchange
Germany. Hamburg
Germany. Rhine. Castle of Heilderberg
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Howard University
Italy. Rome
Lakes. Lake Superior. Great Palisades
Lumbering. Michigan. Camps
Lumbering. Michigan. Logs
Lumbering. Michigan. Transporting Logs
Maryland. Baltimore. Barnum's Hotel
Maryland. Baltimore. Bay View Asylum
Massachusetts. Boston. Boston Public Garden. Equestrian Statue of George Washington
Massachusetts. Boston. Hamilton Statue
Massachusetts. Boston. Italian Garden near Boston
Massachusetts. Boston. Saloon of Steamer "City of Boston"
Massachusetts. Boston. 64 Park St.
Massachusetts. Boston. Statue of George Washington
Massachusetts. Salem. Kenwood
Massachusetts. Springfield. View from Arsenal Tower looking southwest
Michigan. Detroit. Chapel
Michigan. Detroit. City Hall Foundation
Michigan. Detroit. Monroe Avenue
Michigan. Detroit. Russell House
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Michigan. Lake Orion. Picnic (2 folders)
Michigan. Lansing. Playground
Michigan. Lansing. Reform School Building
Michigan. Mackinac Island. Beach Street
Michigan. Mackinac Island. Fort Mackinac

Michigan. Mackinac Island. Robinson's Folly
Michigan. Mackinac Island. Sugar Loaf
Michigan. Mackinac Island. View from bluff
Monuments. Fanny Penn, Mt. Auburn
Mountain climbing
New Hampshire. Oxford
New Hampshire. Warren
New York. Ausable Chasm (3 folders)
New York. Hudson River
New York. New York City
New York. New York City. Broadway
New York. New York City. Castle Garden
New York. New York City. Gilmore's Garden
New York. New York City. Inclined plane to Jersey City Heights, New Jersey
New York. New York City. Post Office, Stauts Zeitung and Tribune Buildings
New York. New York City. Tammany Hall
New York. New York City. West from East River Bridge Tower (2 folders)
New York. Walton
Pennsylvania. Antrim
Pennsylvania. Mauch Chunk
Pennsylvania. Mauch Chunk. Railroad
Pennsylvania. Philadelphia. View of West Philadelphia from the park
Pennsylvania. Tuscarora
Railroads. Baltimore and Ohio Railroad
Railroads. Erie Railroad
Rivers. St. Clair River
Rivers. St. Clair River. Near Port Huron, Michigan
Rivers. St. Clair River. Ship Canal
Scotland. Glasgow Bridge
Ship building

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Spain. Alicante		
Switzerland (2 folders)		
Switzerland. Castle of Rheinstein		
Tennessee. Chattanooga		
Turkey. Istanbul (Constantinople)		
Virginia. Yellow Sulphur Springs		
Washington D.C. Arlington House. Reception Room		
Washington D.C. Capitol (2 folders)		
Washington D.C. Capitol. Senate Chamber, Speaker's Desk and Reporters' Seats		
Washington D.C. Lafayette Park (2 folders)		
Washington D.C. Patent Office. Model Room		
Washington D.C. Pennsylvania Avenue		
Washington D.C. Statue of George Washington		
Washington D.C. War Department		
Washington D.C. Washington from Dome of Capitol, northwest view		
Washington D.C. Washington from Dome of Capitol, west view		
Washington D.C. Washington from Howard University		
Washington D.C. White House. East Room		
Washington D.C. White House. North front		
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Dr. Pfister, people in a meeting, tractors, and street views, April 1978	box 5397	folder 45
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Flammable Fabrics, undated	box 5397	folder 40
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Harnessed Horses next to silo and barn	box 5209	folder 42
Iowa - crushing machine? and elevator	box 5209	folder 43
MSC- Men standing next to a building and hole, possibly using cement	box 5209	folder 44
MSC - Men with cement mixing machine and bags of cement	box 5209	folder 45
Sales Farm Service - Electric Elevator, Miller Farm - South Custer Road, August 17, 1928	box 5209	folder 46
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Agriculture Equipment, 1954, circa 1954, 1981	box 5799	
Air Curtain machine, undated	box 5799	
Abrecht's Resort Sign near Big Springs in Upper Peninsula [Manistique?], 1954	box 5799	
Department Displays	box 5799	
Games [jumping over haybales, being pulled on pallets], circa 1985	box 5799	
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People doing research, 1972, 1986	box 5799	
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Men looking at a new tractor	box OS 8

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Annual Reports		
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Published in State Board Reports	volume Bd. of Ag.	
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Department of Biosystems and Agricultural Engineering Records UA.16.6

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