Development of Research Farms, Field Days and Tours, and Acknowledgments

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Recommended Citation
Havlovic, Bernard J., "Development of Research Farms, Field Days and Tours, and Acknowledgments" (2001). Iowa State Research Farm Progress Reports. 1706.
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Development of Research Farms, Field Days and Tours, and Acknowledgments

Abstract
Includes:

Development of Research Farm

- Armstrong Farm
- Neely-Kinyon Farm
- Lauren Christian Farm
- Field Experiments

Field Days and Tours

Acknowledgments

Disciplines
Agricultural Science | Agriculture
Development of Research Farm

Bernard Havlovic, superintendent

Armstrong Farm
The research farm continues to grow and develop in its eighth year of operation. Erosion control improvements were made to the farm’s north 80 when 1,850 feet of narrow based terraces were constructed in early May. The two remaining old farmstead buildings on the north 80 were dismantled, and the site was leveled and seeded to serve as field day parking area. A home demonstration orchard consisting of both heirloom and newly released fruit varieties were planted near the farm’s learning center. This planting was made possible thanks to a grant from the East Pottawattamie Soil and Water Conservation District and will be used in future years as a site for fruit tree pruning and management classes.

Neely-Kinyon Farm
Improvements to the Neely-Kinyon Farm in 2000 included the seeding of a 25-acre field to Kura clover. Once established, this area of the farm will be used for year-round grazing trials utilizing this legume. Accessibility to the farm was improved with the widening of the farm’s main entrance. The widening of the driveway allows for semi traffic to more easily enter and exit the farmstead.

Lauren Christian Swine Farm
Two improvements made to the Lauren Christian Swine Farm in 2000 included the cleaning and reshaping of the farm’s drainage ditch and the construction of the farm’s dead animal composting structure. The ditch was cleaned out in early spring and the six bin composting structure was completed in July.

Field Experiments
A total of 12 new field experiments were added to the farm in 2000. Both research and extension staff representing six departments at Iowa State University conducted 74 research projects or demonstrations at one of the farm’s locations in 2000.

At the Armstrong Farm the following new experiments were established:
- Sulfur Fertilization of Corn and Soybeans
- Soybean Seed Treatments and Early Planting Dates
- High Oil Corn Variety Date of Planting Study
- GMO Corn Combine Cleanout Evaluation
- Whole Soybeans in the Cattle Feedlot Ration
- Alternative Pasture Watering Methods
- Electromagnetic Induction Sampling

At the Neely-Kinyon Farm the following new experiments were established:
- Open Pollinated Corn Population Study
- New Forage Options Demonstration
- Pollen Drift from GMO Crops Evaluation
- Earworm Control in Organic Sweet Corn
- Corn and Soybean Tillage Demonstration
Field Days and Tours

We encourage everyone to visit the Armstrong, Neely-Kinyon, and Lauren Christian Research and Demonstration Farms. Plan on attending one or more of the regularly scheduled field days, tours or classes at one of the farms this coming year. If you need information as to field day schedules or would like to set up a tour of one of the farms just give us a call at 1-712-769-2402. The farm staff will gladly assist you in your farm tour. Information about the farms can also be obtained from our web-site at www.ag.iastate.edu/farms/index.html.

Over 4,500 visitors representing seven states and five countries attended 57 different field days, group tours, classes, or meetings at either the Armstrong, Neely-Kinyon, or Lauren Christian Swine Research and Demonstration Farms in 2000. The June field day at the Armstrong Farm was co-sponsored by Iowa State University and the Southwest Iowa Soil and Water Conservation Districts. Over 300 people attended the event and saw soil conservation projects and demonstrations. Some 275 visitors attended the Neely-Kinyon fall field day where they toured the farm’s organic farming plots, specialty soybean trials, and open pollinated corn studies. The “Home Garden Tour” and the “Agricultural Career Day” continue to be popular events with each giving over 200 area gardeners and high school students a chance to visit the farm.

A list of field days, group tours, and special events at the farm in 2000 includes:

- Armstrong Farm June Crops Field Day
- Home Demonstration Garden Twilight Tour
- Neely-Kinyon Fall Field Day
- Lauren Christian Swine Farm Field Day
- Sustainable Weed Control Clinic (for producers)
- Neely-Kinyon News Media Tour
- Wallace Foundation Annual Meeting
- Farm Economy In-service
- Pork ICN Meeting
- USDA Conservation Training
- Crop Alliance Annual Meeting
- Organic Dairy Meeting
- Feedlot Monitor Computer Training
- USDA Rural Development ICN
- Horse Leader Training
- South Dakota State – Analyzing Health Data
- NE Iowa Research Farm Board Visit/Meeting
- Trends for 21st Century ICN
- Area Extension Council Meeting
- Master Gardener’s Potluck/Meeting
- Youth FS In-service
- Area 4-H Council Meeting
- Life Cycle Analysis – Stover to Ethanol
- Cass Co. Extension Council Tour
- 4 States Organic Training for Extension
- FFA Tour of Neely-Kinyon Farm
- RAGBRI Tour of Neely-Kinyon Farm
- Ag Chemical Dealers Update Meeting
- USDA/Chinese Visitors Farm Tour
- World Bank Tour of Farms
- Neely-Kinyon Farm Winter Meeting
- USDA Pesticide Applicator Training
- 4-States Beef Conference
- Sustainable Ag ICN
- Conservation Day Event
- Internet Training
- GMO Conference ICN
- Production Contracts for Swine Meeting
- Feedlot Meeting
- PQA 3 for 4-H Kids
- Farm Bureau Women’s Group Meeting
- Indiana Producers Farm Tour/Meeting
- Accounting Systems Workshop
- New Staff Orientation ICN
- PBA Board Meeting
- Camp Counselor Training
SOFA Orientation
Iowa Beef Center Drought Meeting ICN
Montgomery Co. Farm Bureau Women’s Garden Tour
ISU Ag Engineer Summer Tour
Loess Hills Meeting
Swine Interest Group with Christian Bregendahl
Anita 6th Grade Class Visit to 3 Sisters Garden
Grazing School
Missouri Livestock Producers Feedlot Tour
Ohio State Tour Group Visit
Beef Tenderness Training Meeting
Winter Sheep ICN
Tall Corn Ethanol Meeting
Swine Advisory Committee ICN
Area Extension Specialist’s Tour of Neely-Kinyon

Urban Horticultural ICN
Cumberland Women’s Garden Tour
DNS Staff Retreat
IMC Day Camp Garden Tour
Hotze Family Reunion/Farm Tour
E. Pott Farm Bureau Meeting/Tour
Nishna Valley Shrine Club Garden Tour
Earth Day 2000 Event
NRCS Training for County Sanitarians
District 4 Republican Women’s Meeting
Legislative Roundtable Planning Meeting
Area 4-H Council Retreat
Cornstalk Grazing/Animal Compaction Meeting
Acknowledgments

These companies, individuals, and commodity groups are acknowledged for their contributions to this year’s research and field days. Their support is greatly appreciated.

Golden Harvest Seeds                                DeKalb Genetics
Wilson Seeds (Jim Anderson)                          E. Pottawattamie Co. SWCD
Great Lakes Hybrids (Heath Turner)                   McCunn Equipment Co.
Greenfield Case IH                                    Barker Implement Co.
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Cass County Pork Producers                           Adair County Cattlemen
Cass County Cattlemen                                 Adair County Lamb & Wool Growers
Security State Bank, Casey, Menlo, Stuart             Union State Bank, Bridgewater, Greenfield
Farmers & Merchants State Bank, Orient               First State Bank, Stuart
Orient-Macksburg FFA                                  First National Bank, Fontanelle
Nodaway Valley FFA                                    Greenfield Tourism Group
Adair County Farm Bureau                              Kevin Barker
Bill Pellett                                          Marlin Rossell
Dennis Jipsen                                         Kevin Jipsen
Gary & Kathy Erlandson                                KJAN Radio, Atlantic
KMA Radio, Shenandoah                                  KSOM Radio, Atlantic
Atlantic News Telegraph                               Iowa Western Community College
Adair County NRCS                                     East Pottawattamie NRCS
A&L Heartland Laboratories                           Pelgas, Atlantic
Menafee Tent Rental                                   Pharmacia & UpJohn
Riverside Animal Hospital                            JW Freund Farms
Son-Tan Farms                                         Atlantic Animal Health Center
Audubon Wholesale Veterinary Supply                   Rotecna-Exafan, USA
Chore-Time Equipment                                  Pfizer Animal Health
Pig Care                                               Ken-Lee Distributing, Inc.
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Cover-All Shelters                                    Bob’s Mower Clinic
Double L Group, Inc.                                  Atlantic Chamber of Commerce
LaMont Christensen                                    Cass County Master Gardeners
Heartland Organics                                    Falk’s Ice Cream
Jim Boes                                               Western Aire Farms
Atlantic Bottling Co.                                 Southwest Iowa Egg
Schildberg Construction                               Rose Acres
Tim & Kathy Foster                                    Vet Life
Practical Farmers of Iowa                             Leopold Center for Sustainable Agriculture
Shared Visions                                         Vision 2000

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