

2009

Projects and Timeline: Allee Research and Demonstration Farm

Northwest Research Farm and Allee Demonstration Farm

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Disciplines

Agricultural Science | Agriculture

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1958	George M. Allee's death
1961	Beef feedlot management
1964	Soil moisture Corn breeding research Antibiotics in cattle rations Conditioned water for beef steers Enzymes in steer rations Protein and vitamins for cattle on cornfields
1965	Effect of shelter and paving on carcass traits Effects of shelter, no shelter, concrete, partial concrete, and dirt on feedlot performance Differential grain levels in finishing steer rations Molasses in a complete ration for steers grazing sudan and sudan-sorghum hybrids
1966	Shrink during shipment of feeder cattle Feedlot surface studies Percentage of cob in self-fed steer rations Vitamin injections for feedlot steers
1967	Sudangrass forage for beef cows Effects of sorting "fast" and "slow" gaining steers
1969	Ear corn for wintering beef cows in Iowa Comparison of high moisture and dried corn for yearling steers Blended liquid supplement for steers Low roughage rations for steers
1970	Corn insect studies
1971	Cable feedlot fences Confinement feeding of beef cattle
1972	Organic acid treatment of high moisture corn
1973	High moisture grain sorghum for steers Storing corn in different types of silos ISU multi-flume flush floor confinement building for feeding beef cattle
1974	Protein requirements of feedlot steers
1976	Allee barn destroyed by wind Cost comparison of feeding steers in four different housing systems Supplemental calcium for feedlot steers "Show 'N Till" tillage field day
1977	Mechanical control of estrus in feedlot heifers Injectable wormers for feedlot cattle Corn silage level effects on feedlot performance
1979	Effects of season and weight on yearling steer performance
1980	Control of corn rootworm larvae
1981	Tillage research
1982	Crop residue effects on corn insecticide efficacy in conservation tillage

- 1984 Weight loss during marketing of feedlot cattle
- 1986 Farming systems project
Velvetleaf control in soybeans
- 1988 Pheromone insect trap
Depletion rate of sulfamethazine from pigs
Economics of finishing feeder pigs
- 1989 Reduced herbicide inputs on weed populations
Feeding Holsteins in northwest Iowa
Feed grinder cleanout evaluation
Agreement signed with Newell Historical Society concerning the Allee mansion
Long-term weed management practices
Starting time and controlled feed intake for feedlot steers
- 1990 Managing shattercane
Defoliating soybeans at R6 and R6.5
Three housing systems for feeding steers
- 1992 Allee mansion recorded on the National Registry of Historic Places
- 1994 A low-input year-round swine production system
- 1996 Lyle Rossiter named superintendent
Iowa Farm Business records
New residence built (28 x 50 ft)
- 1997 Hoop barn farrow-to-finish demonstration
Pasture farrowing demonstration
Strip cropping demonstration
Manure lagoon closed
- 1998 Growth response and carcass characteristics of steers with differing
implant strategies
Swine technician class lab site with Iowa Central Community College
Beginning of Ag Class, School-to-Work Program with Newell-Fonda
School District
Demonstration home garden
- 1999 Certified organic crop production
Sustainable Ag College Course Site
Small-scale hoop structures for market swine
- 2000 Organic broiler chicken production
Composting swine mortalities
Organic garden disease control with copper wire in tomato plants
Soybean varieties for organic production
- 2001 Bean pod mottle virus management
Organic garden produce sold at Farmers' Market
Planting of 4-H apple orchard
Certified organic chicken sales to Des Moines restaurants
- 2002 Niman Ranch Pork: A case study
USDA swine hoop health study
Composting beef mortalities demonstration

- 2003 Alternative winter farrowing project
 Corn pollen drift demonstration
 USDA animal health and feed safety epidemiology, animal identification study
 Background steers for research projects
- 2004 Corn silage harvest and rations switched to hay-based rations
 Lease of the Legion's 124 acres discontinued
 Veterinarian swine herd health round table discussions
 National Pork Board winter hoop farrowing study
 Assist with research projects at the ISU Northwest Research Farm
- 2005 Asian soybean rust sentinel plots
 Absorbency of alternative livestock bedding sources
 Use of biodiesel blend, 20 percent
 Buena Vista County 4-H Special Swine Project
- 2006 Cattle shed remodeled to a swine Artificial insemination (AI) feeding stall system
 On-farm research corn plots comparing rootworm control
 Newell-Fonda FFA chapter awarded the Allee Farm with "Honorary Chapter FFA Degree"
- 2007 A comparison of alternative winter farrowing systems
 Purebred Angus beef cattle breeding project progeny test
 Niman Ranch meat quality award 7th of 512 farmer members
 On-farm research plots corn rootworm and Vistive™ soybean variety trials
- 2008 On-farm research expanded with Allee Farm as a hub
 Allee Farm celebrates its 50th anniversary

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