2009

Projects and Timeline: Allee Research and Demonstration Farm

Northwest Research Farm and Allee Demonstration Farm

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Disciplines
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Projects and Timeline:
Allee Research and Demonstration Farm

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 Vistine™ soybean variety trials
2008  On-farm research expanded with Allee Farm as a hub
      Allee Farm celebrates its 50th anniversary

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