

2007

Research Farm Projects

Western Research and Demonstration Farm

Follow this and additional works at: http://lib.dr.iastate.edu/farms_reports



Part of the [Agricultural Science Commons](#), and the [Agriculture Commons](#)

Recommended Citation

Western Research and Demonstration Farm, "Research Farm Projects" (2007). *Iowa State Research Farm Progress Reports*. 988.
http://lib.dr.iastate.edu/farms_reports/988

This report is brought to you for free and open access by Iowa State University Digital Repository. It has been accepted for inclusion in Iowa State Research Farm Progress Reports by an authorized administrator of Iowa State University Digital Repository. For more information, please contact digirep@iastate.edu.

Research Farm Projects

Disciplines

Agricultural Science | Agriculture

Research Farm Projects

Impact of tillage and crop rotation on carbon sequestration
Effects of long-term tillage and crop rotation on soil productivity indicators
Asian Soybean Rust sentinel plots
Soil moisture survey, spring and fall
Insect monitoring traps for the black cutworm moth and western bean cutworm moth
Monitoring for West Nile Virus utilizing mosquito gravid traps
Triticale-based diets for market pigs in deep-bedded hoop barns
Dietary protein (lysine) reduction for niche market pigs
Defining feeding rates of DDGS for market pigs in deep-bedded hoop barns
Incorporating condensed corn distillers solubles (CCDS) into an integrated pasture and drylot finishing system for feeder steers
Defining feeding rates of condensed corn distillers solubles (CCDS) in pasture and feedlot
Pre-trial: defining parameters in establishing an effective test for monitoring sulfur levels in steers fed condensed corn distillers solubles
Effects of a Vitamin D3 bolus on tenderness and fatty acid profile of a pasture-finished steer
Plant species effects on diversity and weed invasion resistance in restored grasslands
Native cover crops: effects on prairie establishment and weed invasion
Dominant grass effects on diversity and functioning of restored grasslands
U.S. Weather Service weather station
 Air temperatures: high, low, current
 Soil temps: 1-, 2-, 8-, 20-, and 40-in.
 Evaporation dish
 Daily precipitation
 Severe weather spotter

Demonstrations

Manure settlement basin
Composting livestock mortalities
Composting hoop buildings manure pack
Swine finishing in hoop buildings
Rotational grazing
Predictive evaluations for alfalfa quality (PEAQ) survey participant
Triticale production
Prairie plant identification garden
Cattle finishing on pasture utilizing DDGS