

2008

Research Farm Projects

Western Research and Demonstration Farm

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Research Farm Projects

Disciplines

Agricultural Science | Agriculture

Research Farm Projects

Asian soybean rust sentinel plots
Characterization of potential risk factors of condensed corn distillers solubles to beef cattle
Comparison of corn genetic isolines
Defining feeding rates of DDGS for market pigs in deep-bedded hoop barns
Defining feeding rates of condensed corn distillers solubles (CCDS) in feedlot and pasture
Dominant grass effects on diversity and functioning of restored grasslands
Effects of long-term tillage and crop rotation on soil productivity indicators
Insect monitoring traps for the black cutworm moth and western bean cutworm moth
Monitoring for West Nile Virus utilizing mosquito gravid traps
Native cover crops: effects on prairie establishment and weed invasion
Optimizing corn populations in western Iowa
Pasture finishing steers with dried distillers grains
Plant species effects on diversity and weed invasion resistance in restored grasslands
Soil moisture survey, spring and fall
Soil quality effects of corn stover removal
Summer cattle finishing facilities alternatives
Synergistics effects of ungulate grazing in a tall grass prairie
U.S. Weather Service weather station
 Air temps; hi, lo, current
 Soil temps; 1, 2, 8, 20, 40 inch
 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
Triticale production
Prairie plant identification garden
Cattle finishing on pasture utilizing DDGS