

## 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