

## Research Farm Projects

<b><u>Project</u></b>	<b><u>Project Leader</u></b>
Asian soybean rust sentinel plots	X.B. Yang
Characterization of potential risk factors of condensed corn distillers solubles to beef cattle	S. Ensley/D. Stender
Comparison of corn genetic isolines	M. Licht
Defining feeding rates of condensed corn distillers solubles (CCDS) in feedlot and pasture	P. Hoffman
Defining feeding rates of DDGS for market pigs in deep-bedded hoop barns	M. Honeyman/D. Stender
Dominant grass effects on diversity and functioning of restored grasslands	B. Wilsey
Evaluation of E. coli colonization of steers fed co-products	J. Dickson
Insect monitoring traps for the black cutworm moth and western bean cutworm moth	R. Pope
National phenology network study	M. Schwartz
Native cover crops: effects on prairie establishment and weed invasion	B. Wilsey
Optimizing corn populations in western Iowa	M. Licht
Optimizing soybean populations and planting dates in Western Iowa	M. Licht
Pasture finishing steers with dried distillers grains	D. Morrical
Plant species effects on diversity and weed invasion resistance in restored grasslands	B. Wilsey
Soil quality effects of corn stover removal	M. Al-Kaisi/M. Licht
Summer cattle finishing facilities alternatives	G. Dahlke
Synergistic effects of ungulate grazing in a tall grass prairie	B. Wilsey
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

Cattle finishing on pasture using DDGS  
 Composting hoop buildings manure pack  
 Composting livestock mortalities  
 Manure settlement basin  
 Prairie plant identification garden  
 Rotational grazing  
 Swine finishing in hoop buildings