

2006

## 2005 Project List

Western Research and Demonstration Farm

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## 2005 Project List

### **Disciplines**

Agricultural Science | Agriculture

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Carbon sequestration study  
Long-term impact of tillage systems on soil quality 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  
Triticale utilization in swine finishing  
Dietary protein (lysine) reduction for niche market pigs  
Utilization of condensed corn distillers solubles (CCDS) as a pasture supplement  
and as a finishing ration component  
Dominant grass effects on diversity and functioning of restored grasslands  
The role of plant evenness and dissimilarity in prairie ecosystem processes  
and stability rates  
D.O.T. prairie establishment and restoration project  
D.O.T. grant extension: prairie establishment tillage options  
U.S. Weather Service weather station  
Air temperatures: hi, low, current  
Soil temperatures: 1-, 2-, 8-, 20-, and 40-in.  
Evaporation dish  
Daily precipitation  
Severe weather spotter

### Demonstrations

Manure settlement basin  
Composting of livestock mortalities  
Composting of hoop buildings, manure pack  
Swine finishing in hoop buildings  
Rotational grazing  
Predictive evaluations for alfalfa quality (PEAQ) survey  
Triticale production  
Prairie plant-identification garden (established 2005)  
Pretrial: cattle finishing on pasture utilizing condensed corn distillers solubles

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Maple Valley Feeds, Mapleton  
Mapleton Press  
Mapleton Fire Department  
LG Seeds

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Degussa AG Inc., Marc Clemon  
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