

2010 KBS LTER Main Site

Main Cropping System Experiment

Treatment Key

- T1 Conventional corn/soybean/**wheat** conventional till
 - T2 No-till corn/soybean/**wheat** no till
 - T3 Reduced-input corn/soybean/**wheat**
 - T4 Biologically-based (organic) corn/soybean/**wheat**
 - T5 Poplar trees
 - T6 Alfalfa
 - T7 Early Successional community
 - T8 Mid-Successional community - Never tilled
- r = replicate number

Microplot key

- Fertilizer and competition microplot
- Tilled microplot (T7)
- Plant competition microplots (3 density x 2 herbicide)
- Nematode disturbance study

Instrumentation key

- Minirhizotrons
- ★ Trace gas flux chambers
- Ψ Low tension suction lysimeters
- ☼ Weather station & weighing lysimeter
- ⌂ Trace gas shed
- Wireless tower & sun photometer
- ⊙ Aphid tower

Storage & Shop

Field Lab

Soil Profile



T8 r1
 T8 r2
 T8 r3
 T8 r4

(200m off-site)