

2011 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



(200m off-site) T8
r1 T8
r2 T8
r3 T8
r4