

2007 KBS LTER Main Site

Treatment Key

- T1 Conventional **wheat**/corn/soybean conventional till
 - T2 No-till **wheat**/corn/soybean no till
 - T3 Reduced-input **wheat**/corn/soybean + clover
 - T4 Reduced-Input organic **wheat**/corn/soybean + clover
 - 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)
- Leaf Litter Traps
- 2m x 1m Poplar trees, no fescue cover (T5)
- 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

Soil Profile



(200m off-site)

T8 r1

T8 r2

T8 r3

T8 r4