

2014 KBS LTER Main Site

Main Cropping System Experiment

Treatment Key

- T1 Conventional **corn**/soybean/wheat
 - T2 No-till **corn**/soybean/wheat
 - T3 Reduced Input **corn**/soybean/wheat with cover crop
 - T4 Biologically Based **corn**/soybean/wheat with cover crop
 - T5 Poplar
 - T6 Alfalfa
 - T7 Early Successional community
 - T8 Mown Grassland (never tilled) community
- r = replicate number

Microplot Treatment Key

- Nitrogen fertilized
- Tillage (T7)
- Herbicide-free
- Nitrogen fertilized and weed-free

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 Pit



(200m off-site)

T8 r1

T8 r2

T8 r3

T8 r4