

2018 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 (fallow 2018)
 - T6 Switchgrass (Alfalfa from 1989-2017)
 - T7 Early Successional community
 - T8 Mown Grassland (never tilled) community
- r = replicate number

Microplot Treatment Key

- Nitrogen fertilized
- Tillage (T7)
- Herbicide-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

