

# 2019 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 (planted in 2019)
  - 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

### Subplot Treatment Key

- Prairie strip (4.5 m wide)

### 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

