

# 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
- ⊖ Low tension suction lysimeters
- ⊕ Weather station & weighing lysimeter
- ⌠ Trace gas shed
- Wireless tower & sun photometer
- ⊙ Aphid tower

