

1999 KBS LTER Main Site

Treatments

- T1 High input **corn**/soybean/wheat conventional till
 - T2 High input **corn**/soybean/wheat no till
 - T3 Low input **corn**/soybean/wheat with cover crop
 - T4 Zero input **corn**/soybean/wheat with cover crop
 - T5 Perennial biomass - *Populus* trees
 - T6 Perennial biomass - Alfalfa
 - T7 Successional community - Historically tilled
 - T8 Successional community - Never tilled (off-site)
- T21 Same as T2 r5 but plowed 1994

- Nitrogen fertilizer microplot
- Poplar allometry microplot
- Moldboard plow microplot
- Leaf Litter Traps
- 2m x 1m Poplar trees, no fescue cover
- Plant competition microplots (3 density x 2 herbicide)
- Gypsy moth study
- Litter transplant study
- Cross-site decomposition study
- Root turnover study

- Minirhizotrons
- ★ Trace gas flux chambers
- ⊖ TDR Rods
- ψ Low tension suction lysimeters
- ⊙ Weather station & weighing lysimeter
- ⌂ Trace gas shed

