2000 KBS LTER Main Site

Treatments

- T1 High input soybean/wheat/corn conventional till
- T2 High input soybean/wheat/corn no till
- T3 Low input soybean/wheat/corn with cover crop
- T4 Zero input soybean/wheat/corn with cover crop
- T5 Perennial biomass - Populus trees
- T6 Perennial biomass - Alfalfa - Rye Rotation
- 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)
- Litter transplant study
- Cross-site decomposition study

Legend:
- ** Minirhizotrons
- ★ Trace gas flux chambers
- θ TDR Rods
- ψ Low tension suction lysimeters
- ☊ Weather station & weighing lysimeter
- ☮ Trace gas shed

Soil Profile Pit

T5 r1 Poplar
T1 r1 Soybean
T7 r1 Succession
T3 r1 Soybean

T6 r6 Alfalfa
T2 r6 Soybean
T1 r6 Soybean

T7 r6 Succession
T4 r6 Soybean
T3 r6 Soybean

T3 r6 Soybean
T1 r6 Soybean
T6 r1 Soybean

Lysimeter Fetch Area

Biodiversity Study

Nitrogen Rate Study

(200 m off-site)