1997 LTER Main Site

Treatments

- T1 High input wheat/corn/soybean conventional till
- T2 High input wheat/corn/soybean no till
- T3 Low input wheat/corn/soybean with cover crop
- T4 Zero input wheat/corn/soybean 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 biocycling
- Litter transplant study
- Cross-site decomposition study
- Root turnover study

- Minirhizotrons
- Trace gas flux chambers
- TDR Rods
- Low tension suction lysimeters
- Weather station & weighing lysimeter
- Trace gas shed

- Soil Profile Pit
- Gene Transfer Study
- Poplar Tracer Study
- Lysimeter Fetch Area
- Rotation Entry Point Plots
- Vetch/Tillage Study
- Small-plot Reserve

(200 m off-site)