

# 1997 LTER Main Site

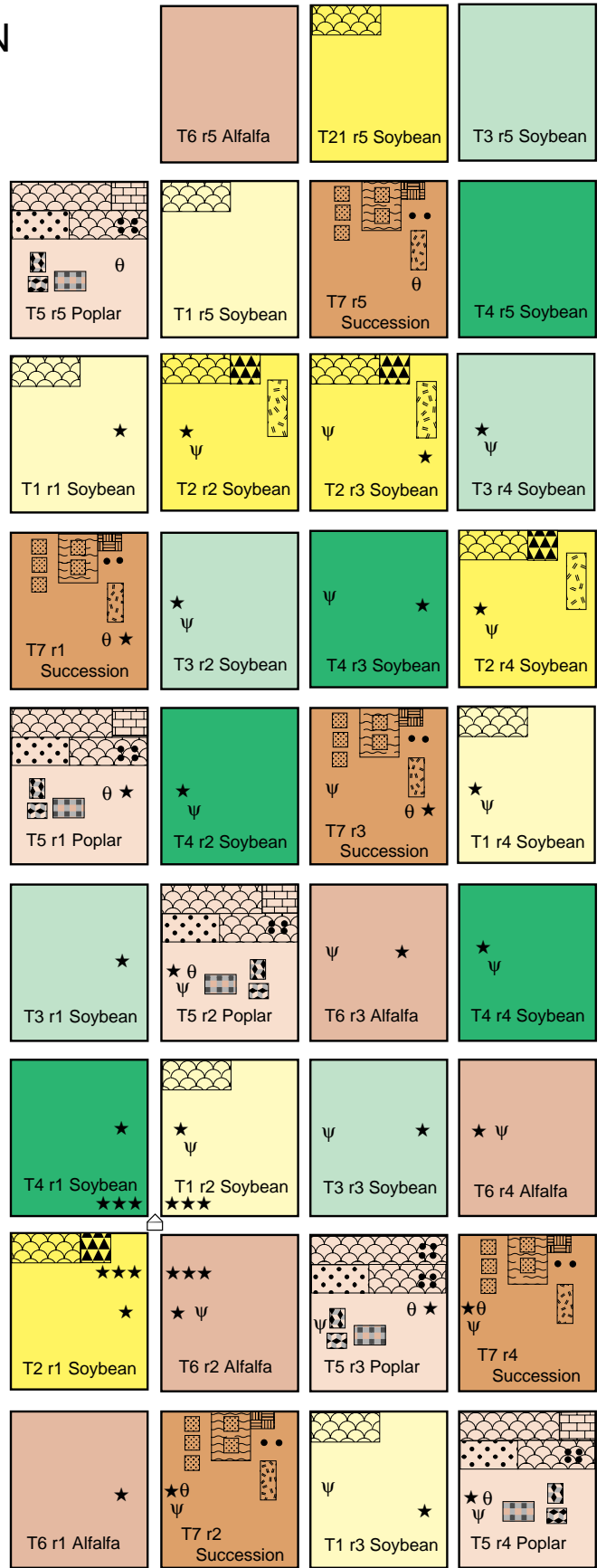
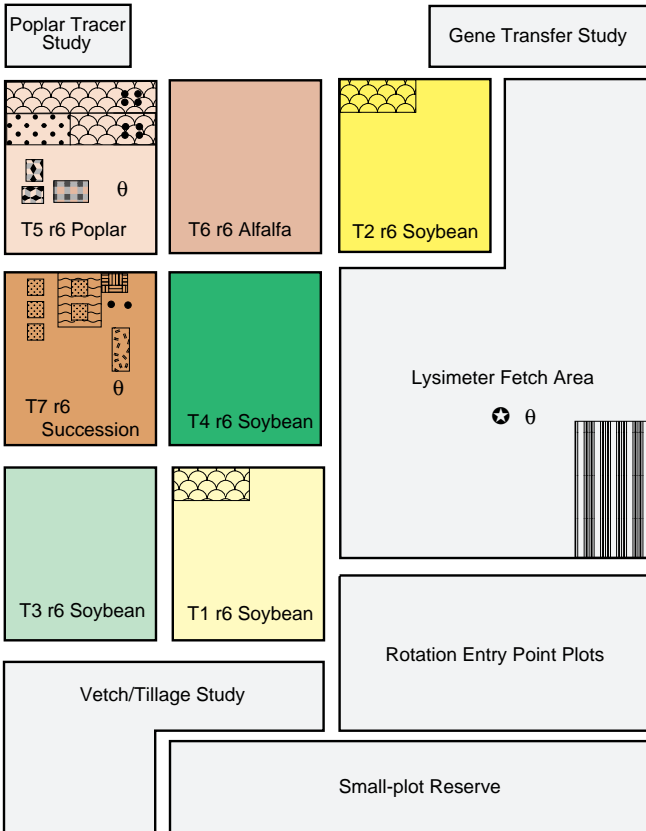
## Treatments

- 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
- θ TDR Rods
- ψ Low tension suction lysimeters
- ⊕ Weather station & weighing lysimeter
- ⌂ Trace gas shed

Soil Profile Pit



T8 r1  
T8 r3  
T8 r2  
T8 r4  
(200 m off-site)