

# 2000 KBS LTER Main Site

## Treatments

- [Yellow Box] T1 High input soybean/wheat/corn conventional till
- [Yellow Box] T2 High input soybean/wheat/corn no till
- [Light Green Box] T3 Low input soybean/wheat/corn with cover crop
- [Dark Green Box] T4 Zero input soybean/wheat/corn with cover crop
- [Light Brown Box] T5 Perennial biomass - Populus trees
- [Brown Box] T6 Perennial biomass - Alfalfa - Rye Rotation
- [Orange Box] T7 Successional community - Historically tilled
- [White Box] T8 Successional community - Never tilled (off-site)
- T21 Same as T2 r5 but plowed 1994

- [Dotted Pattern] Nitrogen fertilizer microplot
- [Plaid Pattern] Poplar allometry microplot
- [Wavy Pattern] Moldboard plow microplot
- [Diamond Pattern] Leaf Litter Traps
- [Dotted Pattern] 2m x 1m Poplar trees, no fescue cover
- [Scallop Pattern] Plant competition microplots (3 density x 2 herbicide)
- [Hatched Pattern] Litter transplant study
- [Cross Pattern] Cross-site decomposition study

100 m

- Minirhizotrons
- ★ Trace gas flux chambers
- ∅ TDR Rods
- Ψ Low tension suction lysimeters
- ❖ Weather station & weighing lysimeter
- △ Trace gas shed

Soil Profile Pit

