2023 KBS LTER Main Site

Main Cropping System Experiment

Treatment Key
- T1 Conventional corn/soybean/wheat
- T2 No-till corn/soybean/wheat
- T3 Reduced Input corn/soybean/wheat with cover crop
- T4 Biologically Based corn/soybean/wheat with cover crop
- T5 Poplar (planted in 2019)
- T7 Early Successional community
- T8 Mown Grassland (never tilled) community

Microplot Treatment Key
- Nitrogen fertilized (T7)
- Tillage (T7)
- Bromegrass (T6)
- Unfertilized (T6 and T7)

Subplot Treatment Key
- Prairie strip (T3 and T4) (4.5 m wide)
- No-burn area in prairie strip

Instrumentation Key
- Trace gas flux chambers
- Low tension suction lysimeters
- Weather station & weighing lysimeter
- Trace gas shed
- Wireless tower & sun photometer
- Aphid tower

Soil Profile Pit

Storage & Shop

Field Lab

40th Street

B Avenue

Main Entrance (Gate)

Biodiversity Gradient Experiment (Retired 2020)

Cellulosic Biofuels Diversity Experiment

Resource Gradient Experiment

Main Driveway

Trace gas /flux chambers

Wireless tower & sun photometer

Weather station & weighing lysimeter

Revised 15 Mar 2023

(200m off-site)