

T1 and T8NT 11/09/21 11/09/21

2021 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)
 - T6 Switchgrass (Alfalfa from 1989-2017)
 - T7 Early Successional community
 - T8 Mown Grassland (never tilled) community
- r = replicate number

Microplot Treatment Key

- +/- Nitrogen fertilized
- Tillage (T7)
- Bromegrass (T6)
- Unfertilized Switchgrass (T6)

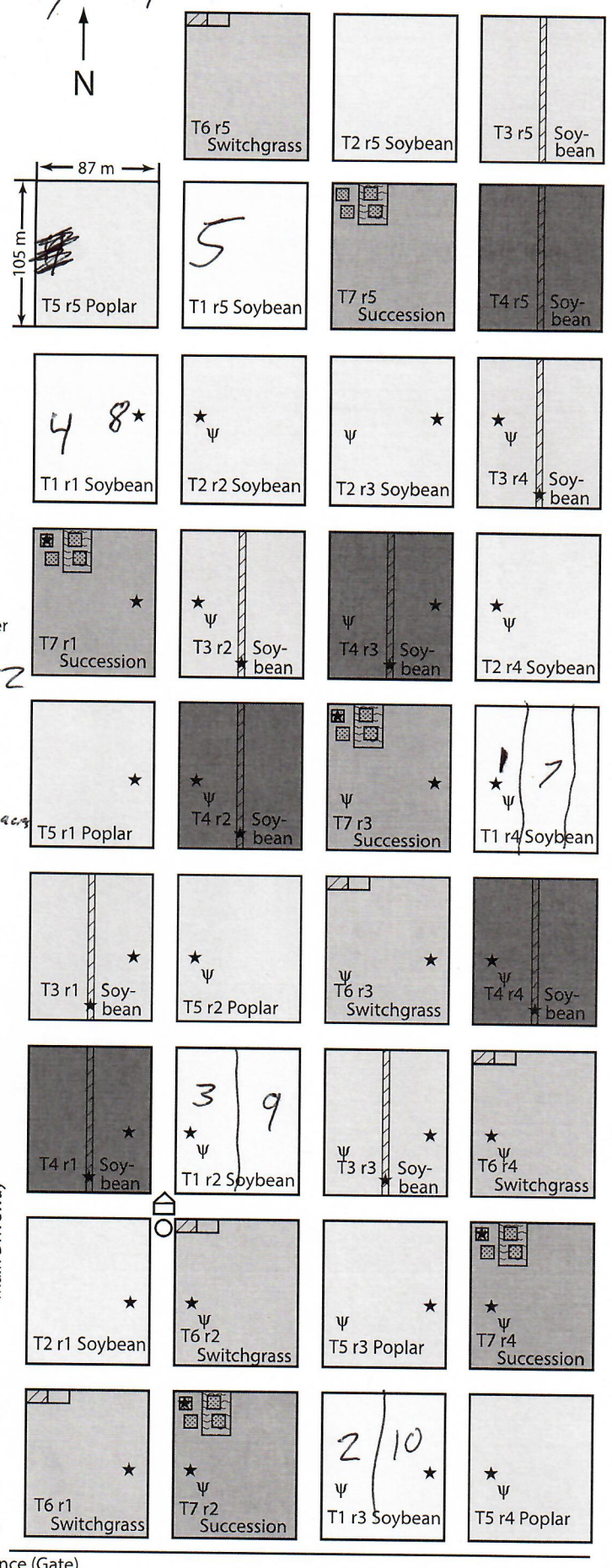
Subplot Treatment Key

- Prairie strip (4.5 m wide)

Instrumentation Key

- ★ Trace gas flux chambers
- ψ Low tension suction lysimeters
- ⊛ Weather station & weighing lysimeter
- △ Trace gas shed
- Wireless tower & sun photometer
- ⊙ Aphid tower

- Storage & Shop
- Field Lab



2,930 16 used

Drill set to 43 using notch 2

15.8 acres T1
16.4 acres post T8NT + 6 acres

bags used
30
5
17
+ 30 16

6/16 left and
Drill
3
2
1

Resource Gradient Experiment

Cellulosic Biofuels Diversity Experiment

Biodiversity Gradient Experiment

40th Street

B Avenue

Main Entrance (Gate)