

2011 Corn Planting May 9, 2011

2011 KBS LTER Main Site

Main Cropping System Experiment

Treatment Key

- T1 Conventional **corn**/soybean/wheat conventional till
 - T2 No-till **corn**/soybean/wheat no till
 - T3 Reduced-input **corn**/soybean/wheat
 - T4 Biologically-based (organic) **corn**/soybean/wheat
 - T5 Poplar trees
 - T6 Alfalfa
 - T7 Early Successional community
 - T8 Mid-Successional community - Never tilled
- r = replicate number

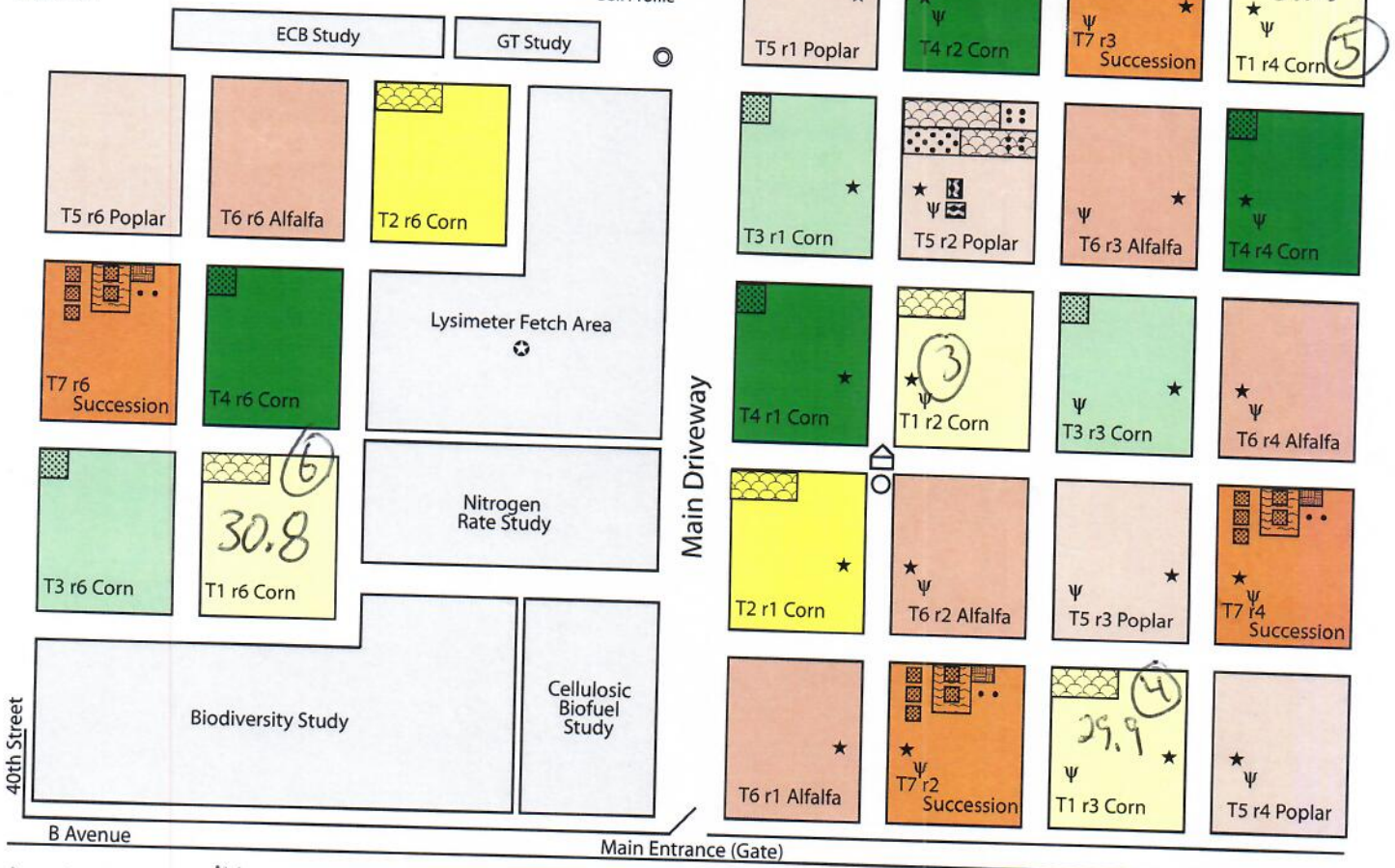
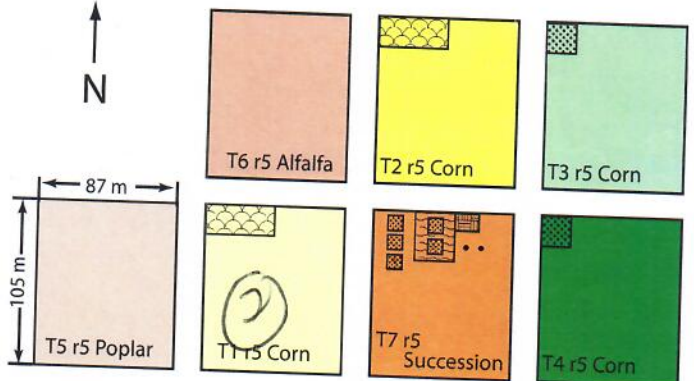
Microplot key

- Fertilizer and competition microplot
- Tilled microplot (T7)
- Plant competition microplots (3 density x 2 herbicide)
- Nematode disturbance study

Instrumentation key

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

- Storage & Shop
- Field Lab



T1 Area = 14.2 A
 T1 Avg. seeding rate 30.8 K
 T1 Avg. spacing = 6.7"

