

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

Storage & Shop

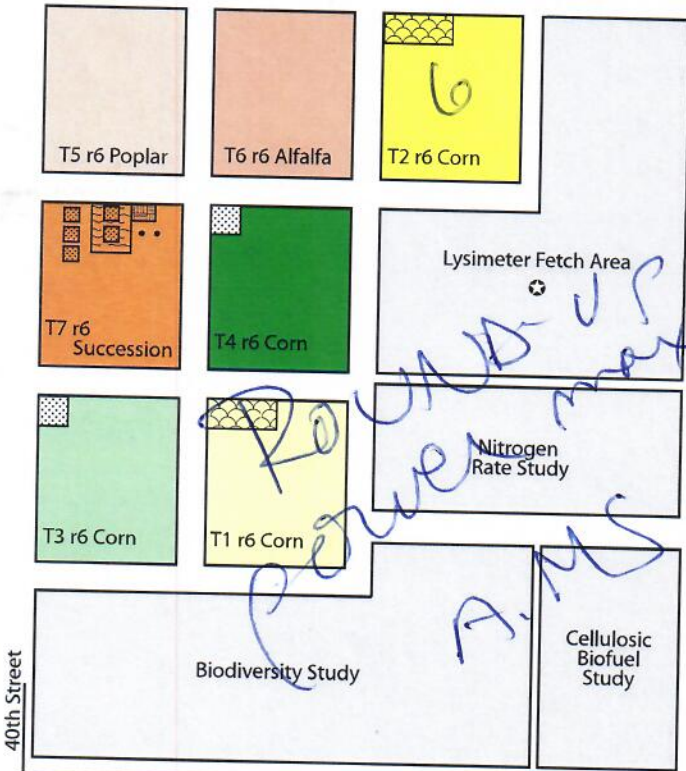
Field Lab

Soil Profile

ECB Study

GT Study

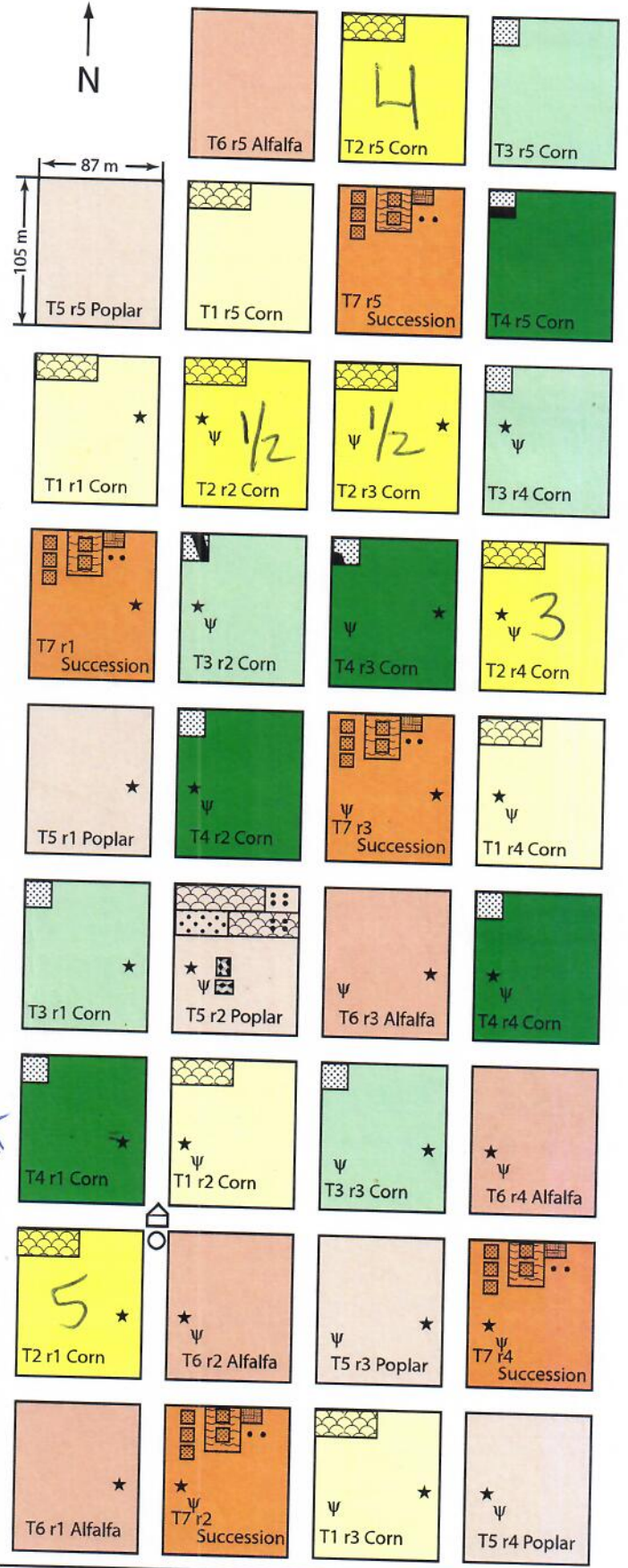
5/2/2011
T2
5.1 m²
C1
1650



40th Street

B Avenue

Main Entrance (Gate)



511 = T2 R2
571 T4 R1?
T4 R4

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