

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

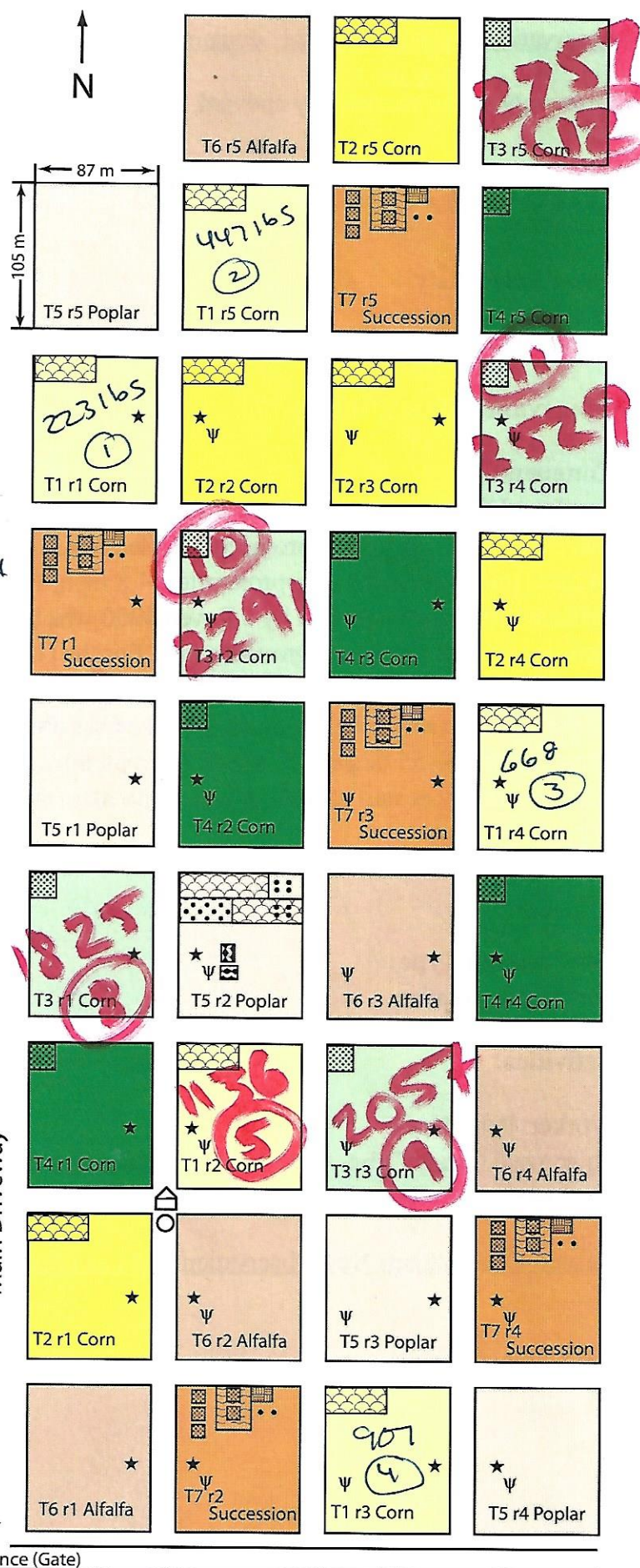
Instrumentation key

- 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

ECB Study GT Study Soil Profile

4/27/2012
10:30 A. 55-46
44°F 65% RH
N 3 mph avg 1
NW 4
SUNNY 3:30 P.
mostly
T1 & T3 @ 92 lbs/A
0-0-60



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