



CONFIRMED APPLICATION REPORT

DATE: 11/09/10

REENTRY DATE/TIME: 11/09/10 DRY

DESCRIPTION OF AREA: LTER ALLEYS

WEATHER CONDITIONS:

SUNNY PARTLY SUNNY PARTLY CLOUDY CLOUDY RAINY

TIME: 9 am AM PM
AIR TEMPERATURE: 39 °F °C
WIND DIRECTION: E
WIND VELOCITY: 3 mph mph
RELATIVE HUMIDITY: 72% %

COMMENTS:

JOB PERFORMED:

PLANT/TRANSPLANT IRRIGATE SPRAY FERTILIZE OTHER

PURPOSE OF APPLICATION: Broadleaf WEED CONTROL

EQUIPMENT USED:

AIR-BLAST HAND SPRAYER HANDGUN CO2 BOOM SPRAYER OTHER

SPECIFIC INFORMATION:

Table with 3 columns: NAME/FORMULATION, RATE, TOTAL PRODUCT. Rows include CROP (TURF), CHEMICAL (TRIPLER), FERTILIZER, INOCULUM, MANURE, OTHER.

OTHER COMMENTS:

Equipment used: JD 5220 tractor traveling 4.6 mph (gear C1, 1450 rpm) with a pull type Top Air Sprayer equipped with a hydraulic centrifugal sprayer pump and a Raven 440 automatic carrier control unit. Turbo TeeJet 11003 nozzles were used, spaced 15 inches apart with a total boom length of 30 feet. 20-30 psi was used. Water applied at 20 gals/A (187 L/Ha) was used as the carrier.

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2010 KBS LTER Main Site

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

Lysimeter Fetch Area

Nitrogen Rate Study

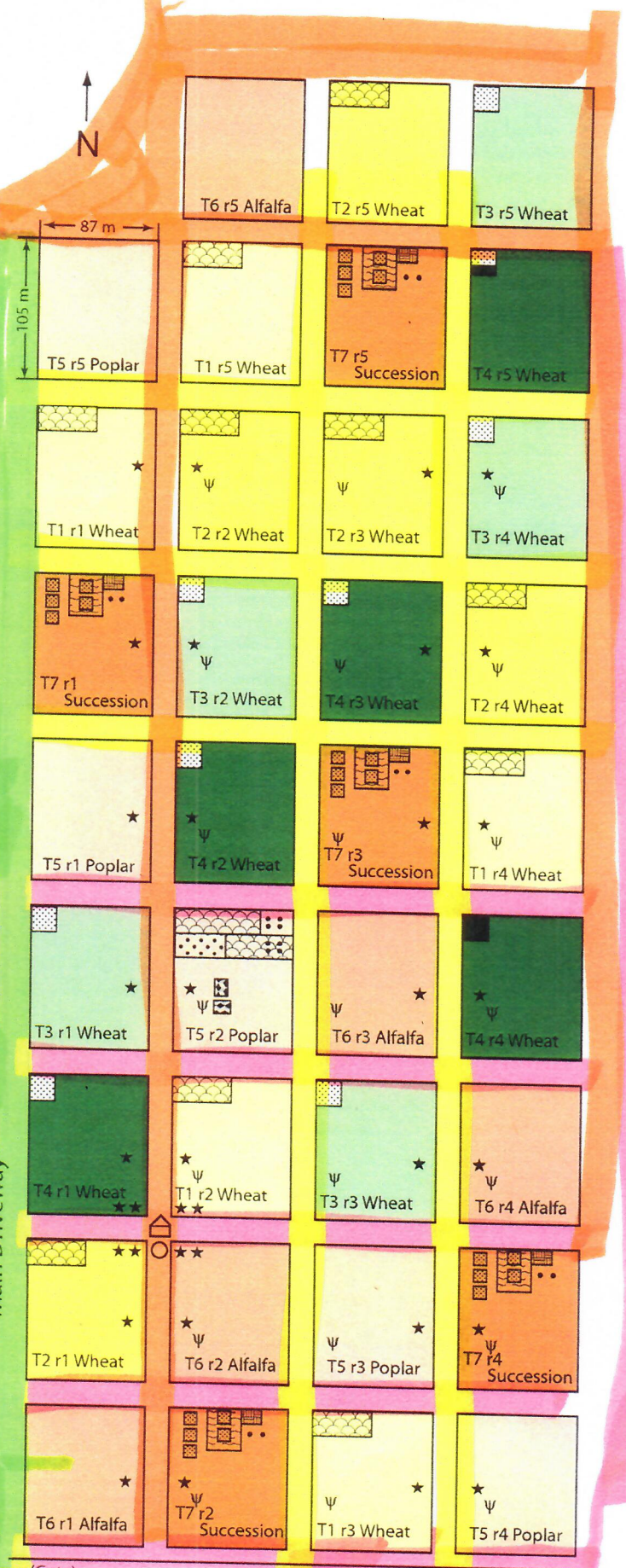
Biodiversity Study

Cellulosic Biofuel Study

B Avenue

Main Entrance (Gate)

Main Driveway



all at 24 A.I. / a

11/08/10
— TANK #1
— TANK #2
— TANK #3

TANK #4
 TANK #5
 (@ 30 gal / a H₂O)

