2019 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)
- Herbicide-free

Subplot Treatment Key

- Prairie strip (4.5 m wide)

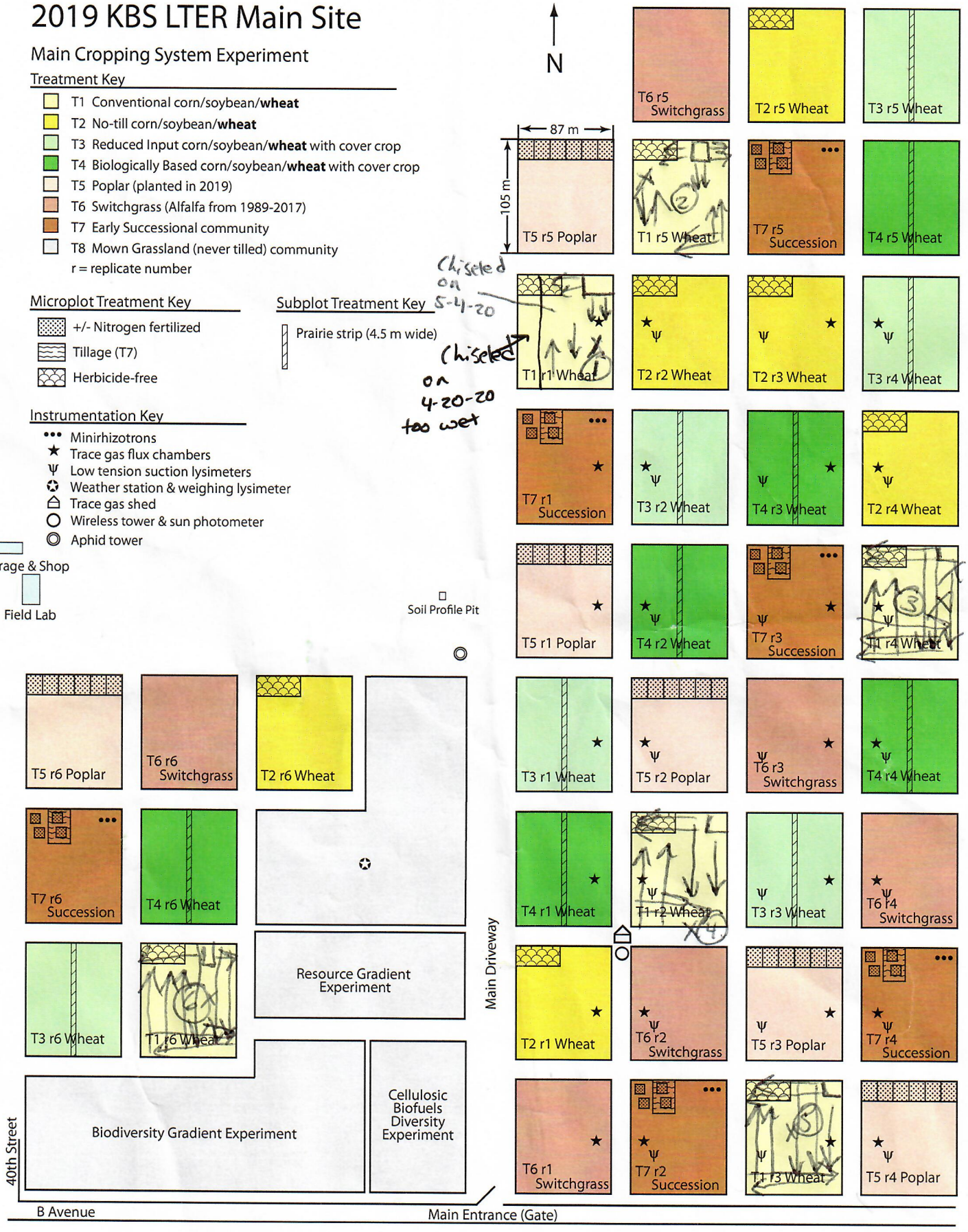
Instrumentation Key

- ••• 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 Pit



Revised 11 April 2019