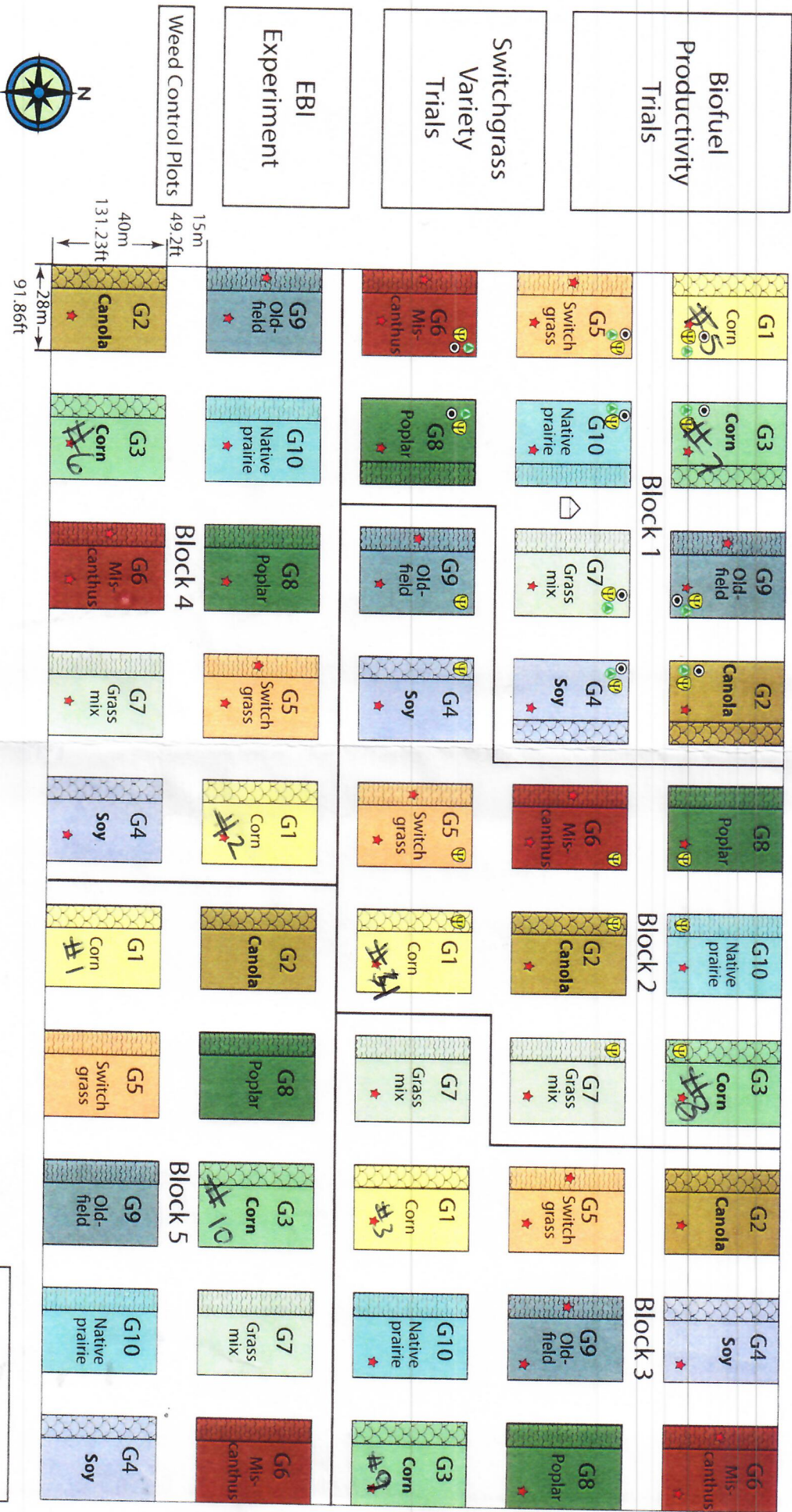


G1 Continuous corn plots 125 lbs N/A = 42 gals/1A of 28-0-0 #6.25 on pump.
 63 corn 100 155 N/A = 34 gals/1A of 28-0-0 #5.25 on pump.

2010 GLBRC Intensive Field Site



Treatment Details

- G1 Continuous corn
- G2 Corn-Soybean-Canola
- G3 Soybean-Canola-Corn
- G4 Canola-Corn-Soybean
- G5 Switchgrass
- Stover non-removal microplot
- Unfertilized microplot (G10-fertilized)

- G6 Miscanthus
- G7 Grass mix
- G8 Poplar
- G9 Old field
- G10 Native prairie

- ★ Trace gas flux chambers
- Ⓜ Low tension suction lysimeters
- Ⓜ Trace gas shed
- Ⓜ Time domain reflectometry
- Ⓜ Automated gas chambers

Switchgrass Agronomy Trials

G1 @ C2 4.5 mpt
 Stunt 185 gal
 5.4, 3, 2, 1
 and 137 gal
 G3 @ C3 5.5 mpt
 1000 corn
 24, 11, 2, 3, 15
 # 57 gal
 and go see

2010 GLBRC 63

N-sidedress application amount

130 lbs total N/A
- 30 lbs at planting

100 lbs N/A needed.

$$\frac{28}{100} \times \frac{100}{x} = 357.14285 \text{ lbs N} \times \frac{\text{gal}}{10.67 \text{ lbs}} = 33.47 \frac{\text{gals}}{\text{A}}$$

34 gals/A