PLANTING DATE - 11/20/12.

Red Clover Calibration

Clover Seeded in Biodiversity study.

treatments B3 (111, 203, 306, 403) B6 (107, 207, 317, 406)
B15 (112, 213, 301, 415)

- 3 Treatments 4 Replication = 12 plots.
  - 12 plots At. ($30^{ft} \times 100^{ft}$) = $3000^{sq\,ft}$ X 12 = $36{,}000^{ft^2}$
  - $36{,}000^{sq\,ft} \div 43560^{sq\,ft}$ (1 Acre) = .83 Acres.

- Want to seed Red clover at 12 lb/A using 15^{ft} drill.
  - Test strip $15^{ft} \times 100^{ft} = 1500^{sq\,ft}$
  - $1500^{sq\,ft} \div$ 1 Acre ($43560^{sq\,ft}$) = .03435 A
- JD Drill has 24 tubes - Need to figure out on a per tube basis
  - $\frac{12.1 lbs}{A} \times \frac{.03444}{A} = .4133$ lb
  - .4133 lb ÷ 24 tubes = .01722 lbs / tube
  - Convert to grams → .01722 x 454 grams = 7.8 g / 1 tube
- 7.8 g / 1 tube in 100 ft test strip. is what we are shooting for to give us 12 lb/A.
- Calibrated Drill setting to 5 on seeder box.
  - Gave 9.04 g - 9.21 g in 3 test strips 100 ft long.
    - That worked out to (Potentially) be 14,137 lb clover/A.
- Loaded 18 lb of Red clover in seed box - planted .9 A
  - 6 lbs Left over - planted 12 lbs Seed in .9 A
- 12 lbs clover ÷ .9 Acres = 13.3 lbs clover / Acre.