

DATE PLANTED - Nov. 20-21, 2012.

Calculations For Wheat Population
in Interaction plots, T8-NT's, and Biodiversity
Study Plots B4 (104, 220, 307, 404) B7 (105, 219, 305, 407)
B10 (117, 209, 320, 410) B17 (116, 211, 302, 417)
B20 (120, 215, 318, 420).

- Pioneer 25R39 treated seed planted.

Acre Metro after each treatment.	Total A. of each
Interaction plots - 5.3 Acres	- 5.3 A
T8-NT's - 5.6 Acres	- .6 A
Biodiversity study - 7.5 Acres. 7.5	- 1.4 A

Total Acres planted 7.5

Total # of bags in planter 28 -

Total lbs of seed in planter 1400 lbs

Total lbs of seed in planter after done planting. 292 lbs.

Total lbs of seed planted 1108.

Number of seeds/lb of treated seed - 11,000 seeds/lb.

- $(1108 \text{ lb}^{\text{of seed}} \times 11,000 \text{ seeds/lb}) = 12,188,000$ Total seeds

- $12,188,000 \text{ Total seeds planted} \div 7.5 \text{ total Acres} = 1,625,066 \text{ Seed/A}$

- Goal was to plant 2,000,000 seeds/A

- Population planted was $\approx 1,625,000$ seeds/A.

- Population setting on Drill was 41

- Pounds of seed/A = $1108 \div 7.5 = 148 \text{ lb seed/A} \text{ (166 kg/A)}$