

2021 TI wheat calibration

JO 1590 15' No-till Drill

Test Strip = 300 ft long

$$300' \times 15' = 4,500 \text{ sq ft}$$

$$4,500 \text{ sq ft} \div 43,560 \frac{\text{sq ft}}{\text{A}} = 0.1033057 \text{ A}$$

Seed = 11,000 seeds per lb at 90% Germ,

- Looking for 2,000,000 seeds per A.

$$\frac{11,000 \text{ seeds}}{\text{lb}} \times 90\% \text{ Germ} = 9,900 \frac{\text{seeds}}{\text{lb}}$$

$$\frac{2,000,000 \text{ seeds}}{\text{A}} \times \frac{\text{lb}}{9,900 \text{ seeds}} = \frac{202.02 \text{ lbs}}{\text{A}}$$

$$\frac{202 \text{ lbs}}{\text{A}} \times 0.1033057 \text{ A} = 20.869838 \text{ lbs}$$

$$20.87 \text{ lbs} \div 24 \text{ seed tubes} = \frac{0.8695765 \text{ lbs}}{\text{seed tube}}$$

$$0.8695765 \text{ lbs} \times \frac{453.6 \text{ gram}}{\text{lb}} = \frac{394.44 \text{ grams}}{\text{seed tube}}$$