























## AG Signature Field Startup & Optimization Checklist DryGRC Nutrient Applicator (cheat sheet)



### GRC and Dry GRC Setup/Calibration

#### GRC Dry Setup

PWM VALVE CLOSE: FREQUENCY LIMITS 122, HIGH 255, LOW 35

VALVE CAL. 5023, METER SPEED SENSOR CAL. 148

CFR 0.05996

CUFT = (TON/62LBS/FT<sup>3</sup>), 6 TON = 193.5 FT<sup>3</sup>. 9 TON = 290.32 FT<sup>3</sup>

#### Calibrating CFR for Dry Rate Controller with Scales:

Displayed CFR Cal. # X  $\frac{\text{weight displayed on Scale}}{\text{Weight displayed on GS3}}$  = New CFR Cal. #

#### Calibrating GRC for NH3

Current Flow Meter Cal. X  $\frac{\text{Target Lbs. on Display}}{\text{Actual Lbs. N Applied}}$  = New Flow Meter Cal.

#### Calculating Lbs. N/Acre

$\frac{\text{Distance X Width}}{43560}$  = Acres

#### Calculating NH3 Used (Lbs. N)

(Note there are 5.15 Lbs. NH3 per Gallon)

(Beginning % - Ending %) X (5150 for 1000 gal.) X 82% = Lbs. N