Variable Rate Liquid Fertilizer

EXPERIMENT INFO

Planted: 05/15/2015

Harvested: 10/30/2015

Hybrid: A6535G8

Population: 32,000/acre

Row Width: 30”

Prev. Crop: Soybeans

Plot Size: 40 acres (20 acres for each treatment)

Sidedress: 06/26/2015 (40 GPA 28% UAN + 1 L/ac eNhance)

SOIL DATA

pH: min: 5.4; max: 7.4

CEC: min: 4.5; max: 9.4

% OM: min: 0.8; max: 2.3

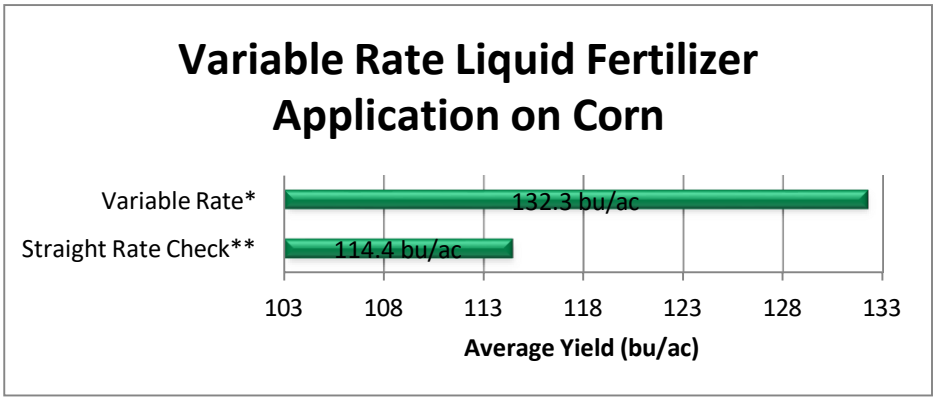
% P: min: 9; max: 26

% K: min: 1.6; max: 3.7

% Mg: min: 5.6; max: 19.5

% Ca: min: 24.6; max: 77.3

Objectives:
Here at ARF, our foremost concern is responsible nutrient management. Each application is made with the **“T.R.U.S.T”** (Test, Rate, Usability, Sustainable, & Timeliness) philosophy. AgroLiquid fertilizers are manufactured in such a way so as to allow the custom blending of individual products in virtually any combination to meet the specific needs of the crop. Variable rate liquid fertilizer application allows us to apply the right rate of fertilizer in the right place.



*** In the Variable Rate treatments, varying rates of the following products were applied as per the soil test zones:**
Pro-Germ + Sure-K + eNhance + Zinc

****Straight Rate Check as per the soil test consisted of:**
3 GPA Pro-Germ + 4 GPA Sure-K + 1 L/ac eNhance + 1 L/ac Zinc

Conclusions:

This is the first year of this trial. In the 2015 growing conditions, there was a significant yield response of 17.9 bu/ac to the variable rate liquid fertilizer applications. These application rates and nutrients were generated based on zone sampling.