

EXPERIMENT INFO

Planted: 05/26/2016

Harvested: 11/15/2016

Hybrid: A6028G2 with Fortenza

Population: 32,000 seeds/ac

Row Width: 30"

Prev. Crop: Soybeans

Plot Size: 12 rows x 940'

Replications: 3

Sidedress: 06/17/2016 (40 GPA 28% UAN + 1.5 L/ac eNhance)

SOIL DATA

pH: min: 5.9; max: 7.9

CEC: min: 4.8; max: 13.2

% OM: min: 0.7; max: 2.1

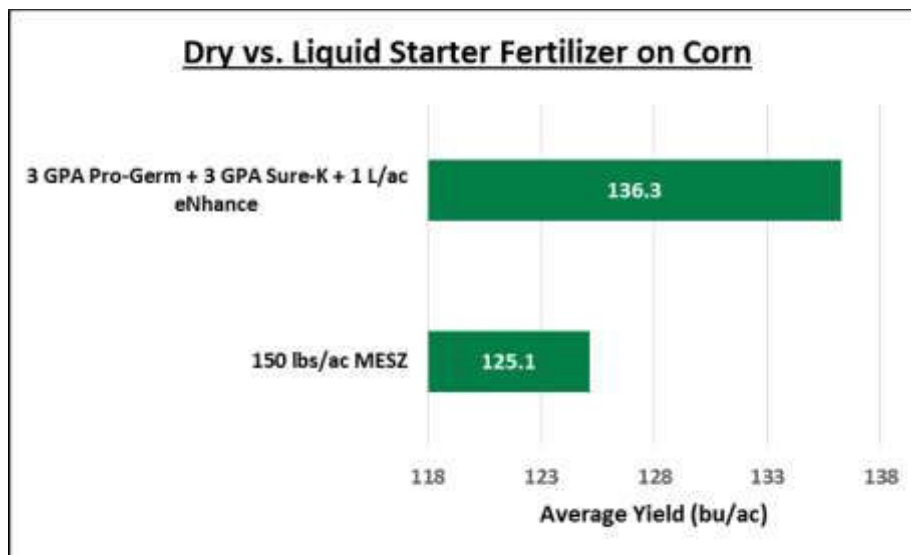
% P: min: 8; max: 21

% K: min: 0.9; max: 4.6

% Mg: min: 4.7; max: 20.3

% Ca: min: 36.3; max: 94.1

Dry vs. Liquid Starter Fertilizer on Corn



Notes:

Both the liquid and dry fertilizer treatments were applied with the same planter.

The liquid fertilizer was applied in-furrow. Following the typical practice, the dry fertilizer was applied in the 2x2 pattern.

Conclusions:

The strongest yield results came with the liquid fertilizer treatment. This treatment was designed as per the soil test recommendations for the field the trial was conducted in.

The dry fertilizer treatment, 150 lbs/ac of MESZ (12-40-10-5S-1Zn), is a typical dry starter fertilizer program in Southwestern Ontario.

The nutrients from the liquid fertilizer program were more available to the crop in the dry spring conditions than were the nutrients from the dry fertilizer program.