

Fertilizer Placement on Corn

EXPERIMENT INFO

Planted: 05/11/2016

Harvested: 11/21/2016

Hybrid: A6757G8 with Acceleron

Population: 32,000 seeds/ac

Row Width: 30"

Prev. Crop: Soybeans

Plot Size: 12 rows x 2,191'

Replications: 3

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

SOIL DATA

pH: min: 6.4; max: 7.2

CEC: min: 5.7; max: 11.3

% OM: min: 2.4; max: 3.6

% P: min: 4.0; max: 9.0

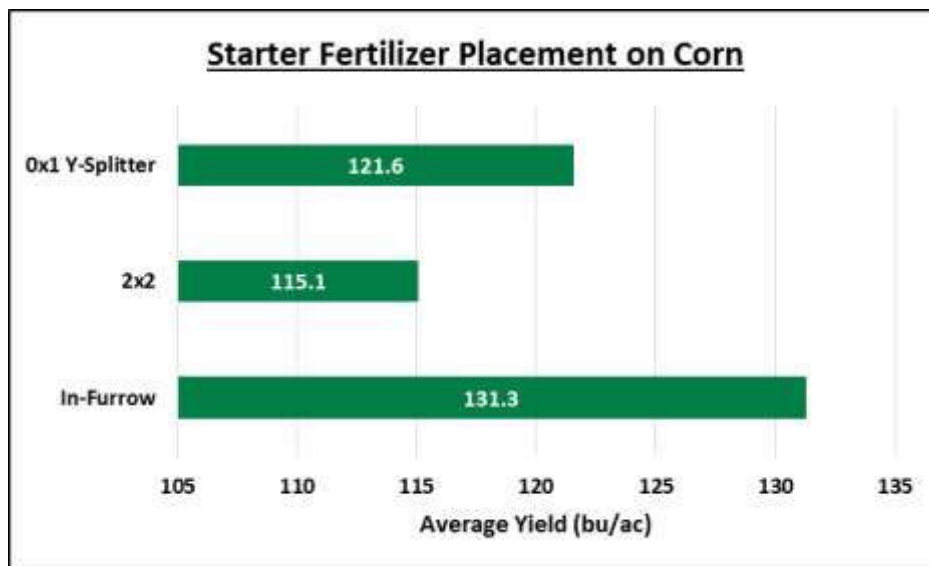
% K: min: 2.4; max: 4.8

% Mg: min: 13.1; max: 17.3

% Ca: min: 64.5; max: 70.6

Objective:

The key to environmentally responsible nutrient management is applying fertilizer from the right source, at the right rate, at the right time, at the right place. This trial aims to ensure that liquid starter fertilizers are applied at the right place.



Conclusions:

In-furrow fertilizer placement provided the strongest yield results this year. Due to the dry spring, we believe it was more advantageous for plant development for the fertilizer to be directly under the seed.