



Effect of PRIMAGRO N, P, and K on Corn Yield

Carrollton, OH

Experiment Info:

Planted:	5/14/2017
Harvest:	11/20/2017
Yield Goal:	
Target Fert.:	
Variety:	
Population:	36000
Row Width:	30
Prev. Crop:	soybean
Plot Size:	0.8 acres
Replications:	1

Soil Test Values (ppm):

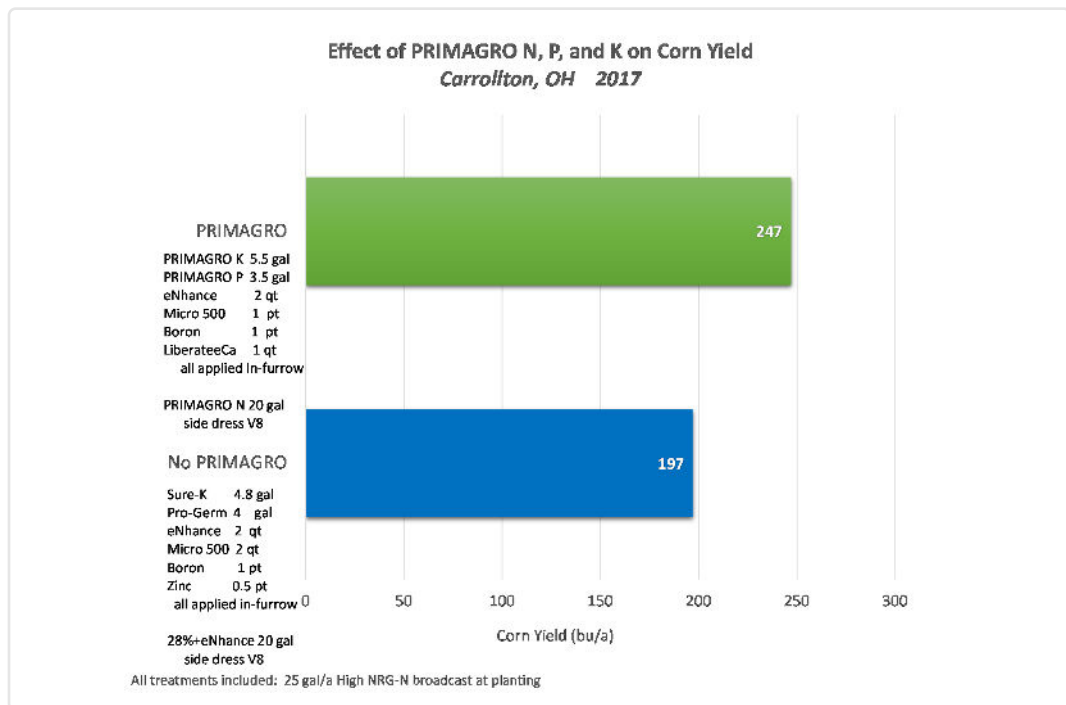
pH:	6.0
CEC:	6.0
%OM:	3.3
Bray P1:	32
Bicarb P:	
K:	40
S:	
%K:	1.7
%Mg:	19.5
%Ca:	58.6
%H:	20.2
Zn:	
Mn:	
B:	

Objective:

Evaluate the performance of PRIMAGRO N, P, and K compared to a non-PRIMAGRO AgroLiquid fertilizer program in corn.

PRIMAGRO P and PRIMAGRO K were applied in combination with eNhance, Micro 500, LiberateCa, and boron as an in-furrow application at planting. PRIMAGRO N was applied as a side-dress treatment at V8. That treatment was compared to a combination of Pro-Germinator, Sure-K, Micro 500, eNhance, Boron and Zinc applied in-furrow at planting followed by 28-0-0 + eNhance applied as a side dress treatment at V8.

The field used for this trial was low in potassium and calcium.



Conclusions:

- PRIMAGRO based fertilizer program showed a substantial yield increase compared to the non-PRIMAGRO program in this trial.

The soil test information for this trial showed low levels of potassium in the field. The fertilizer program for both the AgroLiquid and the PRIMAGRO treatments emphasized potassium as the largest component of the respective mixes.