



Effect of Planter Fertilizer Application on Corn

Experiment Info:

Planted:	04/15/2017
Harvest:	10/01/2017
Yield Goal:	230
Target Fert.:	
Variety:	DKC 62-77
Population:	36000
Row Width:	30"
Prev. Crop:	
Plot Size:	5 acres
Replications:	1

Soil Test Values (ppm):

pH:
CEC:
%OM:
Bray P1:
Bicarb P:
K:
S:
%K:
%Mg:
%Ca:
%H:
Zn:
Mn:
B:

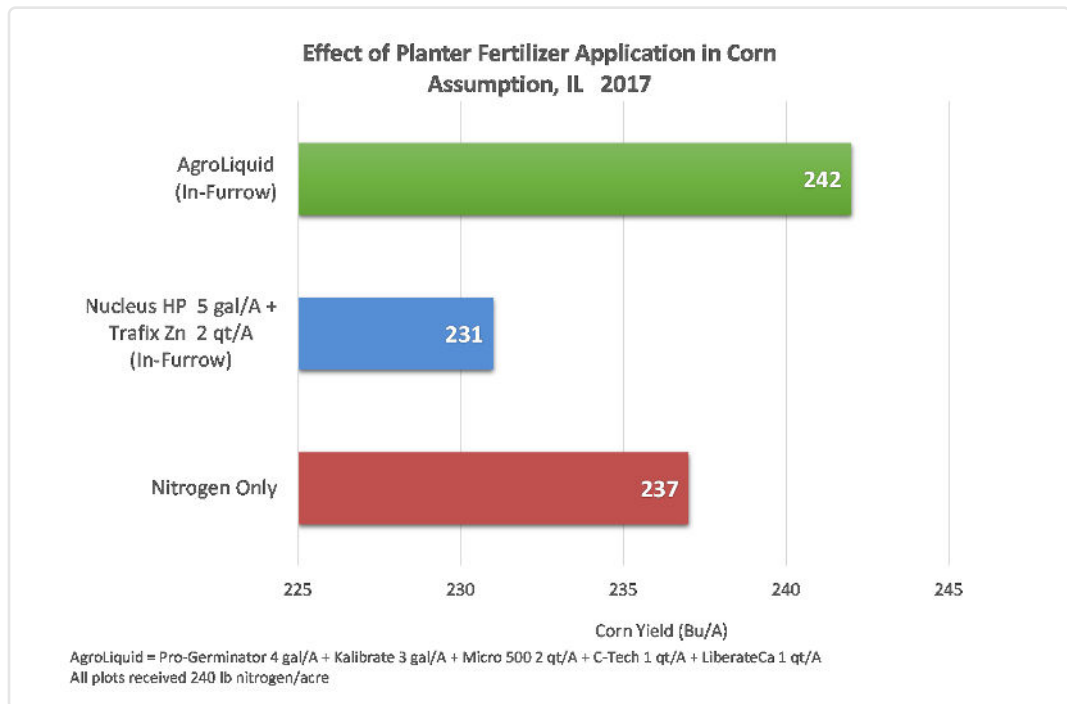
Objective:

Evaluate the effect of various planter fertilizer treatments applied in-furrow on corn.

These treatments were evaluated as part of a larger fertilizer X hybrid trial near Assumption, IL. The purpose of this project was to demonstrate the effectiveness of planter applied fertilizer on corn in central Illinois.

AgroLiquid treatment included: Pro-Germinator 4 gal/A + Kalibrate 3 gal/A + Micro 500 2 qt/A + C-Tech 1 qt/A + LiberateCa 1 qt/A applied in-furrow.

Competitive treatment in this trial was Nucleus HP 5 gal/A + Trafix Zn 2 qt/A.



Conclusions:

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- The AgroLiquid program provided corn yields 5 bu/A higher than the nitrogen only treatment and 12 bu/A higher than the competitive treatment.
- The competitive treatment of Nucleus HP + Trafix Zn provided yields lower than the nitrogen only treatment.
- This trial demonstrates the superior performance of AgroLiquid products compared to Nucleus HP and Trafix Zn.