



PrimAgro P Planter Fertilizer Comparisons in Corn

Mulford Agronomic: Hampstead, MD

Experiment Info:

Planted:	5-9-2019
Harvest:	10-25-2019
Yield Goal:	200 bu/a
Target Fert.:	200-30-36
Variety:	
Population:	
Row Width:	30
Prev. Crop:	soybean
Plot Size:	10' X 50'
Replications:	4

Soil Test Values (ppm):

pH:	6.9
CEC:	7.2
%OM:	3.5
Bray P1:	84
Bicarb P:	
K:	168
S:	11
%K:	6.0
%Mg:	13.9
%Ca:	78.5
%H:	1.4
Zn:	3.4
Mn:	158
B:	0.4

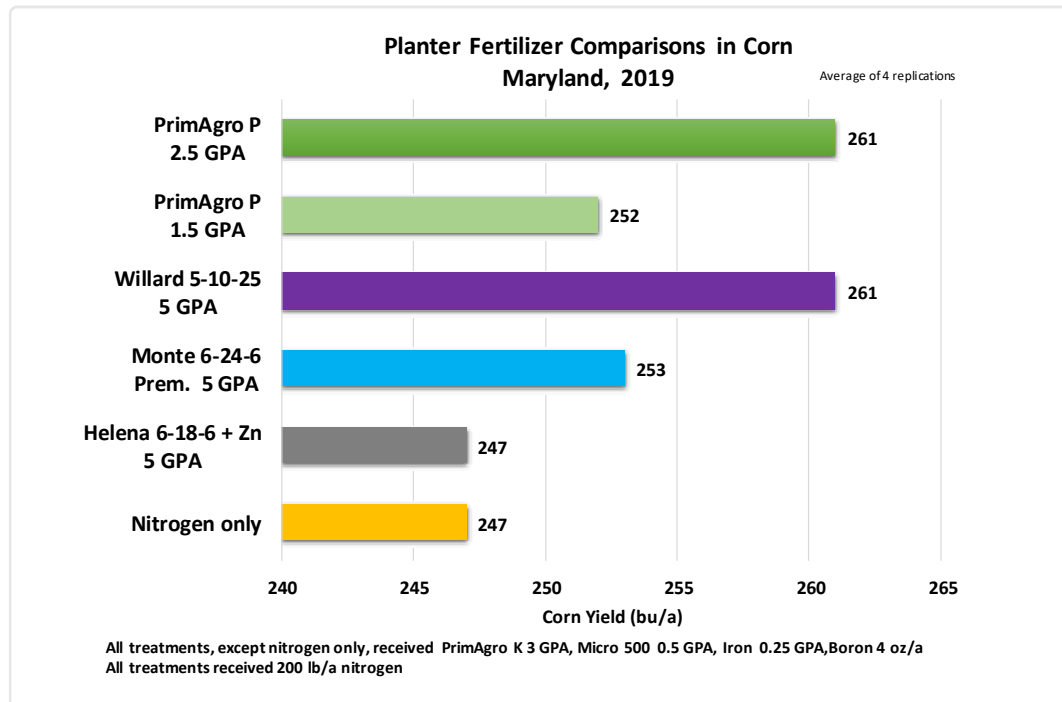
Objective:

Compare various rates of PrimAgro P to several competitor products applied in-furrow in corn.

Competitor products from Helena (6-18-6 + Zn), Monte (6-24-6 Premium) or Willard (5-10-25) were applied in-furrow on corn at 5 GPA. The yield performance of those products were compared to two rates of PrimAgro P (1.5 or 2.5 GPA).

All treatments, except the nitrogen only control, received PrimAgro K at 3 GPA + Micro 500 at 0.5 GPA + MicroLink Iron at 0.25 GPA + MicroLink Boron at 4 oz/A.

All plots received 200 lb nitrogen as 30% UAN + eNhanche.



Conclusions:

- All treatments except Helena 6-18-6 improved corn yield compared to the nitrogen only treatment.
- PrimAgro P applied at 2.5 GPA performed better than, or comparable to the competitor products applied at 5 GPA, even in soil with high phosphorus levels (84 ppm).