



# Foliar Fertilizers in Corn

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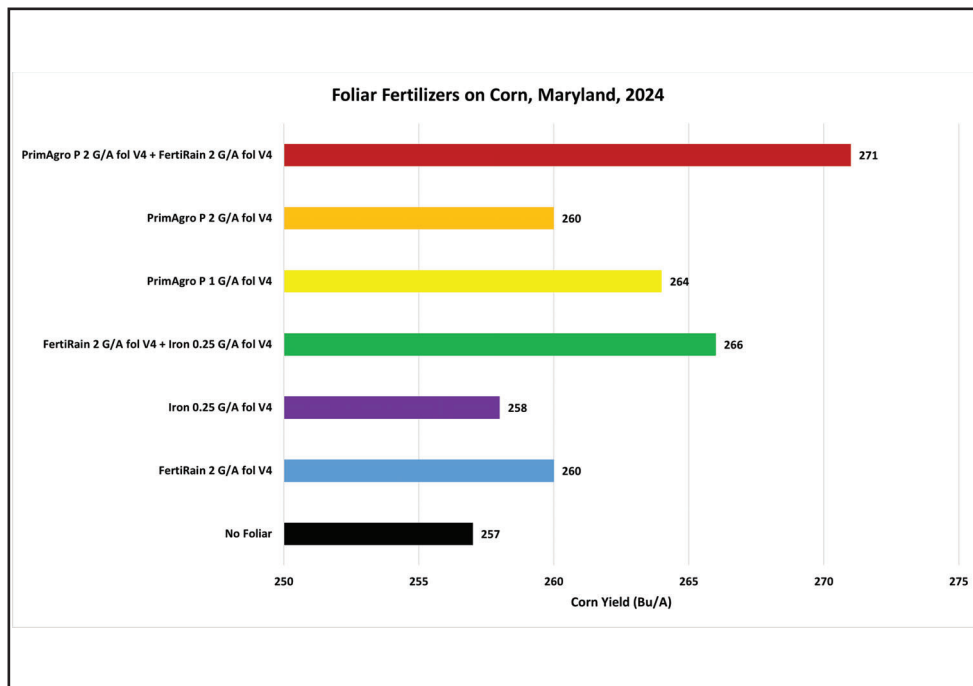
Experiment Info	
Planted:	5-6-24
Harvested:	10-20-24
Yield Goal:	225
Variety:	
Pop.:	
Row Width:	30"
Prev. Crop:	soybean
Plot Size:	10' X 30'
Reps:	4

Soil Test (ppm)	
pH:	6.8
CEC:	7.3
%OM:	3.9
Bray P1:	51
Bicarb P:	
K:	143
S:	9
%K:	5
%Mg:	16.6
%Ca:	74.9
%H:	2.7
Zn:	4.1
Mn:	111
B:	0.6

## Objective:

Foliar applied nutrients have been used to supplement soil applied nutrients in corn. Nitrogen, phosphorus, potassium, iron, and sulfur are nutrients that can potentially improve corn yield when applied as a foliar treatment. The objective of this trial was to evaluate the effect of FertiRain, Iron, PrimAgro P and various combinations on corn yield when applied as a foliar treatment.

All treatments included PrimAgro P 3 gal/acre + Sure-K 3 gal/acre + Micro 500 0.5 gal/acre INF and 200 lb nitrogen/acre.



LSD (0.1) = 7.4 bu/A

## Conclusions:

- FertiRain, Iron, or PrimAgro P applied alone provided small improvements to corn yield.
- Combinations of FertiRain with Iron or PrimAgro P performed better than any of the products applied alone.
- The yield increase provided by PrimAgro P + FertiRain was somewhat unexpected. Additional research is needed to more completely understand the benefit of foliar phosphorus products in corn.