



# In-Furrow Fertilizer Components in Corn

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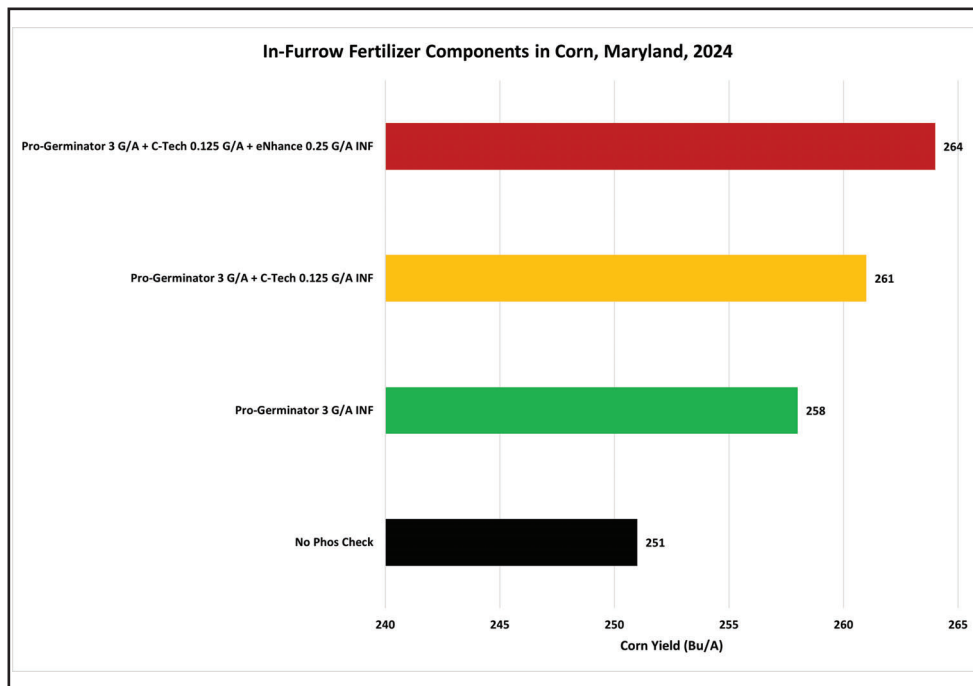
Experiment Info	
Planted:	5-6-24
Harvested:	10-20-24
Yield Goal:	225
Variety:	
Pop.:	
Row Width:	30"
Prev. Crop:	soybean
Plot Size:	10' X 30'
Reps:	4

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:

Phosphorus, potassium, and micronutrients are the foundation of most corn nutrition plans. Those nutrients can be applied at planting through in-furrow placement with a planter. Other nutrients, such as sulfur or carbon based products, have also shown value in corn nutrition plans. The objective of this trial was to evaluate the benefit of adding sulfur (eNhance) or fulvic acid and biologicals (C-Tech) to in-furrow application of Pro-Germinator.

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



LSD (0.1) = 6.4 bu/A

## Conclusions:

- Addition of phosphorus, as Pro-Germinator, provides yield benefit when applied in-furrow.
- Addition of C-Tech or eNhance also provides yield benefit when added to a phosphorus based nutrition plan, with eNhance providing the best yield benefit in this trial.