



Experimental Phosphorus on Corn, 2022

Ottawa, OH

Experiment Info

Planted:	5/13/222
Harvested:	10/10/22
Yield Goal:	225
Variety:	
Pop.:	36000
Row Width:	30"
Prev. Crop:	Soybean
Plot Size:	10 acre
Reps:	1

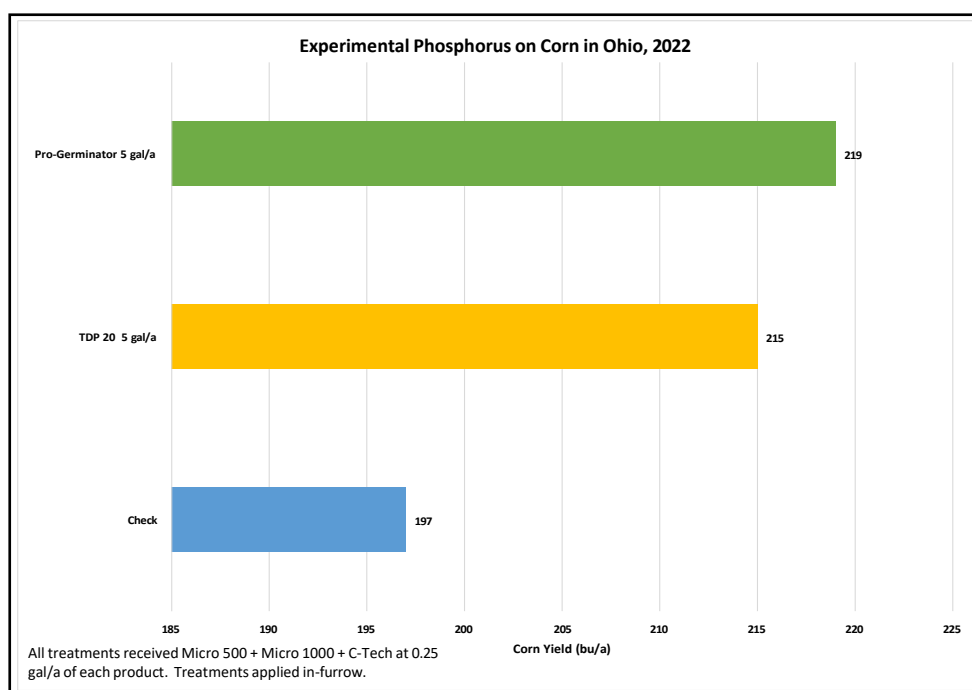
Soil Test (ppm)

pH:	6.2
CEC:	14.9
%OM:	3.1
Bray P1:	35
Bicarb P:	
K:	152
S:	7
%K:	2.6
%Mg:	12.5
%Ca:	77.8
%H:	11.8
Zn:	1.5
Mn:	5
B:	0.4

Objective:

AgroLiquid continues to develop new fertilizer products that provide excellent crop nutrition and improve product handling characteristics. AgroLiquid developed a new phosphorus fertilizer that has been tested since 2020.

The objective of this trial was to compare the performance of experimental phosphorus product TDP-20 to Pro-Germinator when applied in-furrow on corn. Use rates for both products was 5 gal/acre. Both treatments included Micro 500 + Micro 1000 + C-Tech at 0.25 gal/acre for each product. The phosphorus treatments were compared to a check treatment that did not receive any phosphorus or micronutrients. All plots received 200 lb nitrogen throughout the growing season.



Conclusions:

TDP-20 and Pro-Germinator provided yields 19 - 22 bu/acre higher than the check treatment.

Corn yield in the plot treated with TDP-20 was similar, but slightly lower, than corn yield in plots treated with Pro-Germinator.

TDP-20 and Pro-Germinator perform similarly when applied in-furrow to corn.