



Phosphorus Combinations in Corn

Southern Illinois University, Carbondale, IL

Experiment Info	
Planted:	5/31/22
Harvested:	9/27/22
Yield Goal:	200 bu/a
Variety:	DKC 64-35
Pop.:	32000/a
Row Width:	30"
Prev. Crop:	Soybean
Plot Size:	10' X 40'
Reps:	4

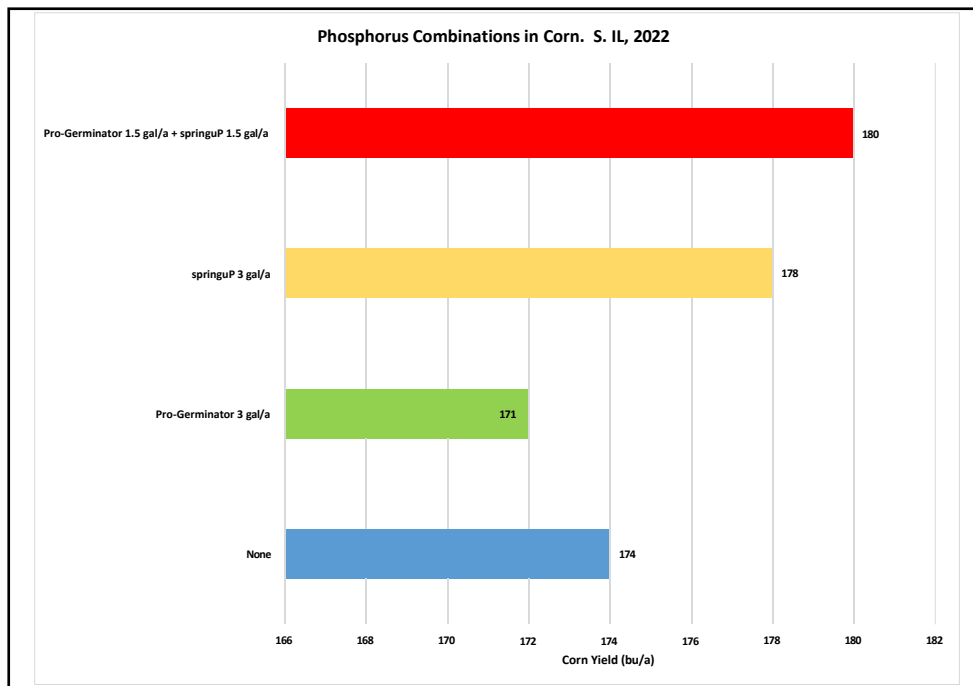
Soil Test (ppm)	
pH:	6.5
CEC:	10
%OM:	2.0
Bray P1:	20
Bicarb P:	
K:	115
S:	
%K:	
%Mg:	
%Ca:	
%H:	
Zn:	
Mn:	
B:	

Objective:

This trial was conducted in cooperation with Southern Illinois University in Carbondale, IL.

Spring-uP is a higher orthophosphate liquid fertilizer intended to be used as a 'pop-up' for the purpose of aiding early germination. It is intended to be used in high phosphorus soils, or in combination with season long phosphorus fertilizers such as Pro-Germinator.

The objective of this trial was to evaluate Pro-Germinator or spring-uP individually or as a 50:50 combination for improving corn yield. All phosphorus treatments in this trial were applied 2X2X2.



LSD (0.1) NS

Conclusions:

There were no statistically significant differences in corn yield due to phosphorus treatments in this trial. Corn yield did tend to have a higher yield with the combination of spring-uP and Pro-Germinator than either product alone.

The experiment location received very little rain during the growing season in 2022 which may have limited the yield in this trial.