



# Phosphorous Source Options in Corn (2016)

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## Experiment Info:

Planted:	
Harvest:	10-18-2016
Yield Goal:	230
Target Fert.:	
Variety:	
Population:	
Row Width:	30"
Prev. Crop:	Soybean
Plot Size:	10' X 30'
Replications:	4

## Soil Test Values (ppm):

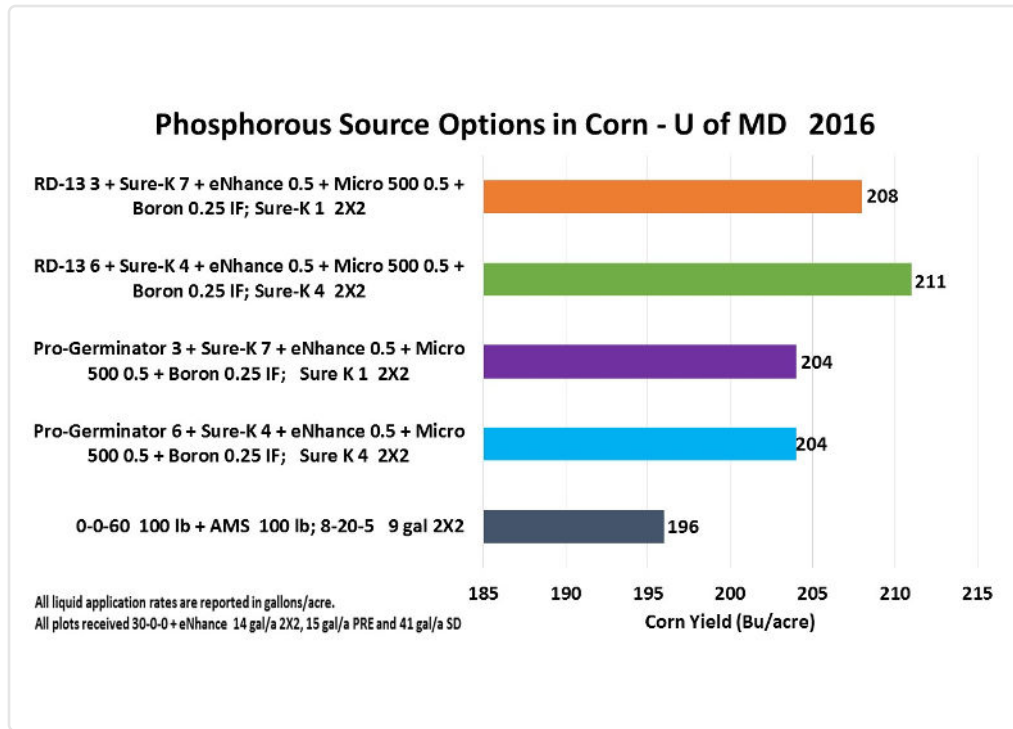
pH:	6.5
CEC:	4.4
%OM:	1.3
Bray P1:	81
Bicarb P:	
K:	116
S:	7
%K:	7
%Mg:	22
%Ca:	63
%H:	8
Zn:	2.15
Mn:	32
B:	0.33

## Objective:

Evaluate RD-13 as a phosphorous source in field corn.

RD-13 is an experimental phosphorous fertilizer that includes sulfur. It is designed to maintain product consistency when stored under extreme environmental conditions.

This report is part of a larger trial conducted by Ron Mulford at the University of Maryland, Poplar Hill. It evaluated two rates of RD-13 in combination with Sure-K and micronutrients vs. comparable rates of Pro-Germinator. The conventional phosphate + potash treatment is based on University of Maryland recommendations.



LSD 0.10 = 9.8

## Conclusions:

- Plots treated with RD-13 had corn yields statistically higher than the conventional phosphorous treatment
- Yield in plots treated with RD-13 were higher, but not statistically different from plots treated with Pro-Germinator.