



Potassium Placement Options in Corn (2016)

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Experiment Info:

Planted:	
Harvest:	10-18-2015
Yield Goal:	230 Bu/a
Target Fert.:	
Variety:	
Population:	
Row Width:	30"
Prev. Crop:	Soybean
Plot Size:	10' X 30'
Replications:	4

Soil Test Values (ppm):

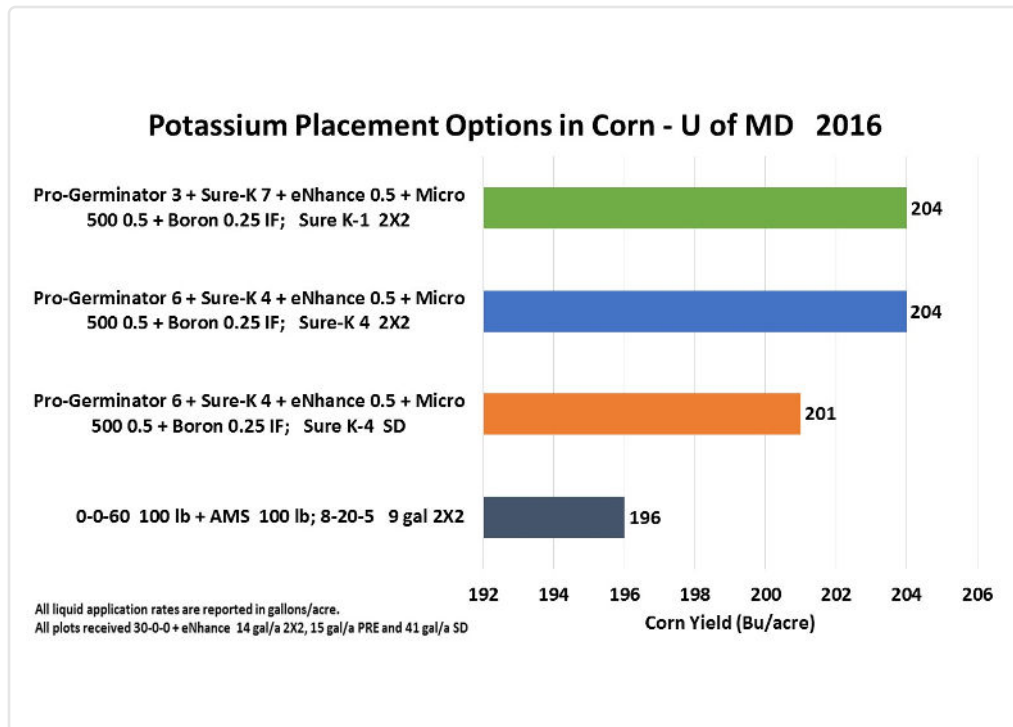
pH:	6.5
CEC:	4.4
%OM:	1.3
Bray P1:	81
Bicarb P:	
K:	116
S:	7
%K:	7
%Mg:	22
%Ca:	63
%H:	8
Zn:	2.15
Mn:	32
B:	0.33

Objective:

Evaluate different placement options for potassium (Sure-K) in field corn.

This report is from a larger study conducted by Ron Mulford at the University of MD Poplar Hill location. Sure-K was applied at a total of 8 gallons/acre as In-furrow, 2X2 and/or side-dress.

Conventional phosphorous and potash treatment was based on University of Maryland standard recommendations.



LSD 0.10 = 9.8

Conclusions:

- Plots treated with Sure-K had corn yield 5 - 8 bushels/acre higher than conventional potash treatment, although there was no statistical difference among those treatments. There was no difference among the rate and placement combinations for Sure-K application.