



Potassium options in soybeans

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Experiment Info:

Planted:	5-20-2018
Harvest:	11-10-2018
Yield Goal:	
Target Fert.:	
Variety:	
Population:	
Row Width:	19"
Prev. Crop:	
Plot Size:	15' X50'
Replications:	4

Soil Test Values (ppm):

pH:	6.8
CEC:	5.0
%OM:	2.7
Bray P1:	13
Bicarb P:	
K:	82
S:	7
%K:	4
%Mg:	7
%Ca:	83
%H:	6
Zn:	1.1
Mn:	40.4
B:	0.6

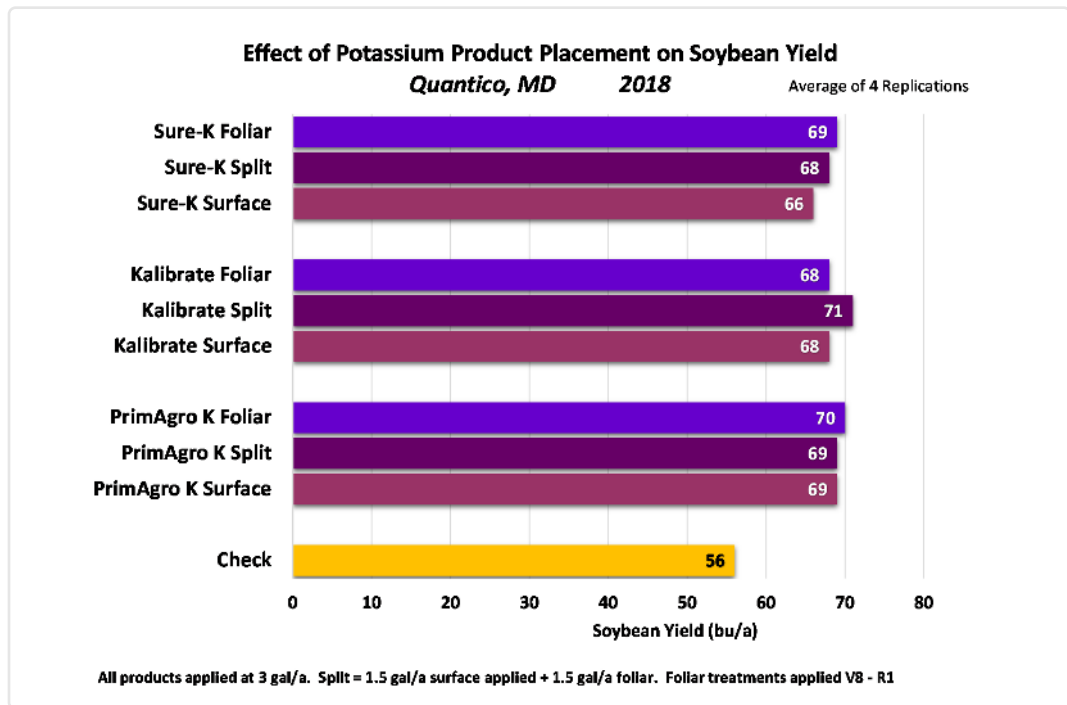
Objective:

Evaluate the effects of potassium sources and application placement/timing on soybean yield.

Soybeans were planted May 20, 2018 at 19" row spacing.

Except for the check, all treatments received PrimAgro P 2 gal/a + Micro 500 1 qt/a applied in a 4" band over the seed at the soil surface. Sure-K, Kalibrate, or PrimAgro K were applied at a total of 3 gal/a, either as a surface band, split 1.5 gal/a surface band + 1.5 gal/a foliar, or 3 gal/a foliar. Foliar applications were made at V8 - R1.

Soybeans were harvested on November 10, 2018.



LSD (0.05) = 3.4 bu/a

Conclusions:

- All potassium treatments provided higher yield than did the no fertilizer check. There were no differences in yield among the potassium sources or the placement/timing options.,
- Note - no visual injury was observed on plots receiving Kalibrate or PrimAgro K applied at the foliar timing.