



Foliar Potassium Comparison on Soybeans(20-709)

Experiment Info:

Planted:	5/11/2020
Harvest:	10/9/2020
Yield Goal:	60 bu/A
Target Fert.:	0-78-97
Variety:	19EA33
Population:	140,000
Row Width:	30"
Prev. Crop:	Wheat
Plot Size:	15 x 255
Replications:	8

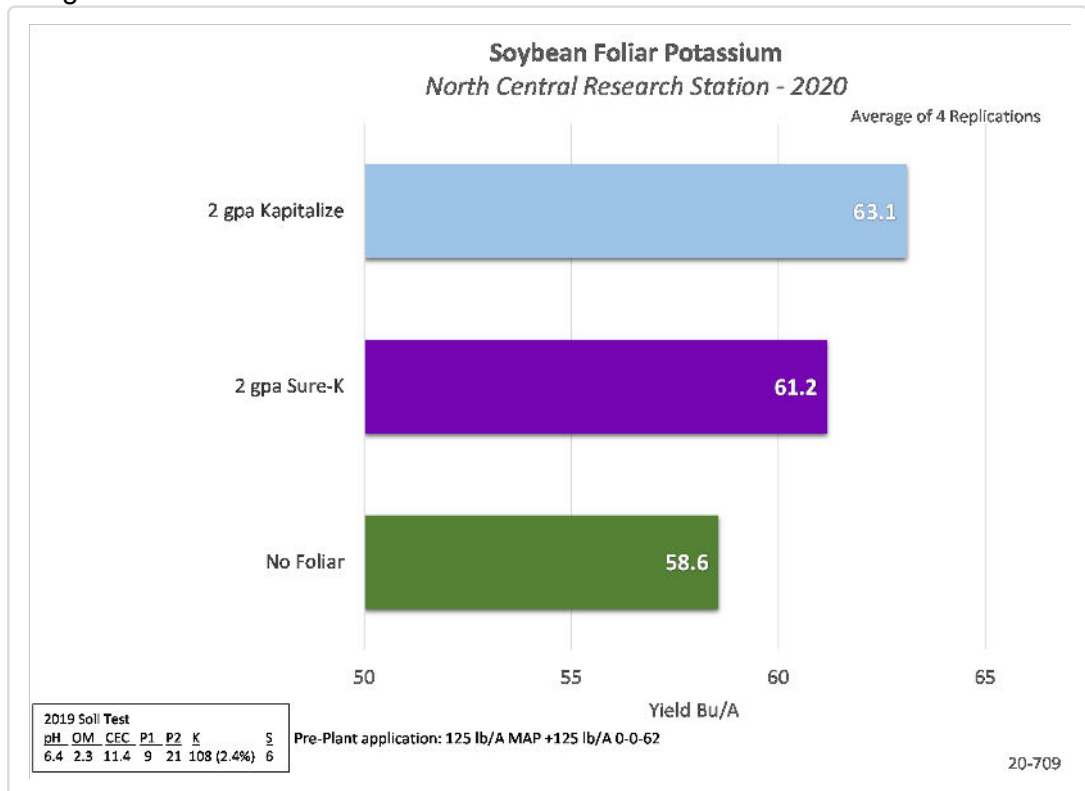
Soil Test Values (ppm):

pH:	6.4
CEC:	11.4
%OM:	2.3
Bray P1:	9
Bicarb P:	
K:	108
S:	6
%K:	2.4
%Mg:	20.3
%Ca:	68.2
%H:	8.7
Zn:	1
Mn:	8
B:	.3

Objective:

To compare different potassium products through foliar feeding on soybeans

Kapitalize is AgroLiquid's new foliar fertilizer that has potassium and calcium nutrient components. Foliar feeding is a great way to get nutrients into the plant and close to where they can be efficiently utilized. The soybean plant has many reproductive sites and they are all located near a leaf surface area where the foliar nutrition can be easily applied. The flavonol polymer technology in Kapitalize allows for more efficient uptake through the waxy cuticle of the leaves. When spraying foliar, the plant leaves are being coated with nutrition and this allows the plant to absorb through the cuticle, cuticular cracks and imperfections along with the stomata that are on the underside of the leaves.



Conclusions:

- Kapitalize produced a significant 4.5 bu/a more than the no foliar check.
- Foliar feeding soybeans is a great way to deliver nutrients to the plant.