



# Foliar Potassium on Corn

*Garrett Land and Cattle (Iowa): 2023*

Experiment Info	
Planted:	
Harvested:	
Yield Goal:	
Variety:	
Pop.:	
Row Width:	
Prev. Crop:	
Plot Size:	
Reps:	

## Objective:

This trial was established to compare AgroLiquid's foliar potassium products Sure-K and Kapitalize to the grower standard application of potassium acetate. Foliar applications were made at 1 gal/A of potassium when the corn was in the R4.5 growth stage. A complete fertility program providing N-P-K secondary and micronutrients was applied across all treatments.


Additionally, costs analysis was completed looking at yield revenue minus the cost of product. Results for both yield and profit/loss is shown on the table below.

Soil Test (ppm)	
pH:	6.5
CEC:	21.2
%OM:	3.05
Bray P1:	53.5
Bicarb P:	
K:	180.5
S:	24.5
%K:	2.25
%Mg:	18.61
%Ca:	64.48
%H:	13.54
Zn:	4.9
Mn:	154.8
B:	0.4

**Foliar Potassium on Corn**  
*Garrett Land and Cattle (Iowa): 2023*

Program	Yield	+/- Grower Standard	Profit/Loss \$/A
Grower Standard	176.57		\$918.49
Sure-K	186.25	9.68	\$970.33
Kapitalize	189.43	12.86	\$986.02

Foliar products applied at 1 gal/A with second fungicide application at R4.5



## Conclusions:

- Both Sure-K and Kapitalize yielded higher than the grower standard.
- Sure-K, AgroLiquid's oldest foliar potassium product has proven Nutriq Technology to aid in plant uptake while remaining safe on the leaf tissue. In this trial, Sure-K improved yield by over 9 bu/A compared to potassium acetate.
- One of AgroLiquid's newest foliar product, Kapitalize also with Nutriq Technology, produced the highest yield in this trial, nearly 13 bu/A higher than the grower standard.
- Analysis of profit/loss showed highest return per acre with Kapitalize followed by Sure-K, both producing more per acre than the grower standard.