



# Foliar Fertilizers Applied at V6 to Corn

Maryland, 2020

## Experiment Info:

Planted:	5/16/2020
Harvest:	10/26/2020
Yield Goal:	200
Target Fert.:	
Variety:	
Population:	36000
Row Width:	30"
Prev. Crop:	soybean
Plot Size:	15' X 32.5'
Replications:	4

## Soil Test Values (ppm):

pH:	7.0
CEC:	6.9
%OM:	3.4
Bray P1:	97
Bicarb P:	
K:	130
S:	15
%K:	4.8
%Mg:	13.9
%Ca:	80.7
%H:	0
Zn:	3.3
Mn:	76
B:	0.3

## Objective:

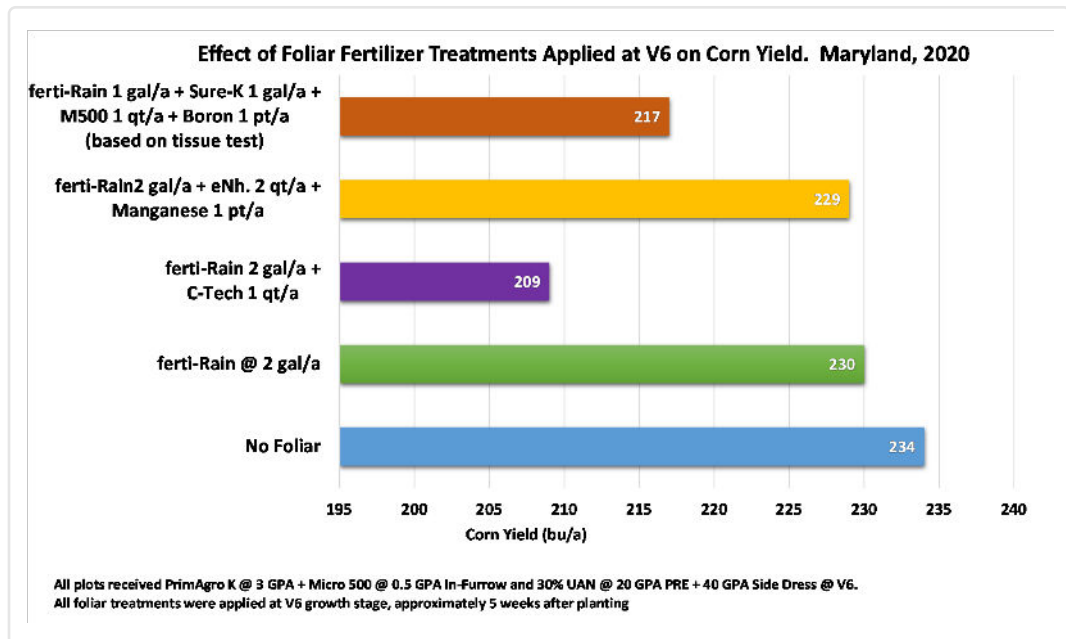
Evaluate the effectiveness of foliar fertilizer combinations in corn when applied at V6 growth stage.

Although foliar fertilizer applications are often made at later growth stages (V10 - VT), post emergence herbicides are usually applied at earlier growth stages (V3 - V6). This trial was intended to evaluate the efficacy of fertilizer combinations applied at that earlier growth stage.

Treatments included:

- Check
- ferti-Rain 2 gal/a
- ferti-Rain + C-Tech 2 + 0.25 gal/a
- ferti-Rain + eNhance + Mn 2 + 0.25 + 0.125 gal/a
- ferti-Rain + Sure-K + Micro 500 + Boron 1 + 1 + 0.25 + 0.125 gal/a (based on tissue test result)

All plots received the same in-furrow application of PrimAgro K + Micro 500 and split application of 30% UAN.



LSD (0.05) = 7.9 Bu/a

## Conclusions:

- None of the foliar fertilizer treatments evaluated in this trial caused yields to exceed that of the no foliar fertilizer check.
- In this trial there was no benefit to applying those fertilizers at the V6 growth stage.