



# Effect of Foliar Fertilizer Combinations in Soybeans

Mulford Agronomics, Maryland

## Experiment Info:

Planted:	05/23/2019
Harvest:	10/27/2019
Yield Goal:	70
Target Fert.:	
Variety:	
Population:	130000
Row Width:	15"
Prev. Crop:	corn
Plot Size:	15' X 50'
Replications:	4

## Soil Test Values (ppm):

pH:	6.9
CEC:	7.2
%OM:	3.5
Bray P1:	84
Bicarb P:	
K:	168
S:	11
%K:	6
%Mg:	13.9
%Ca:	78.5
%H:	1.4
Zn:	3.4
Mn:	158
B:	0.4

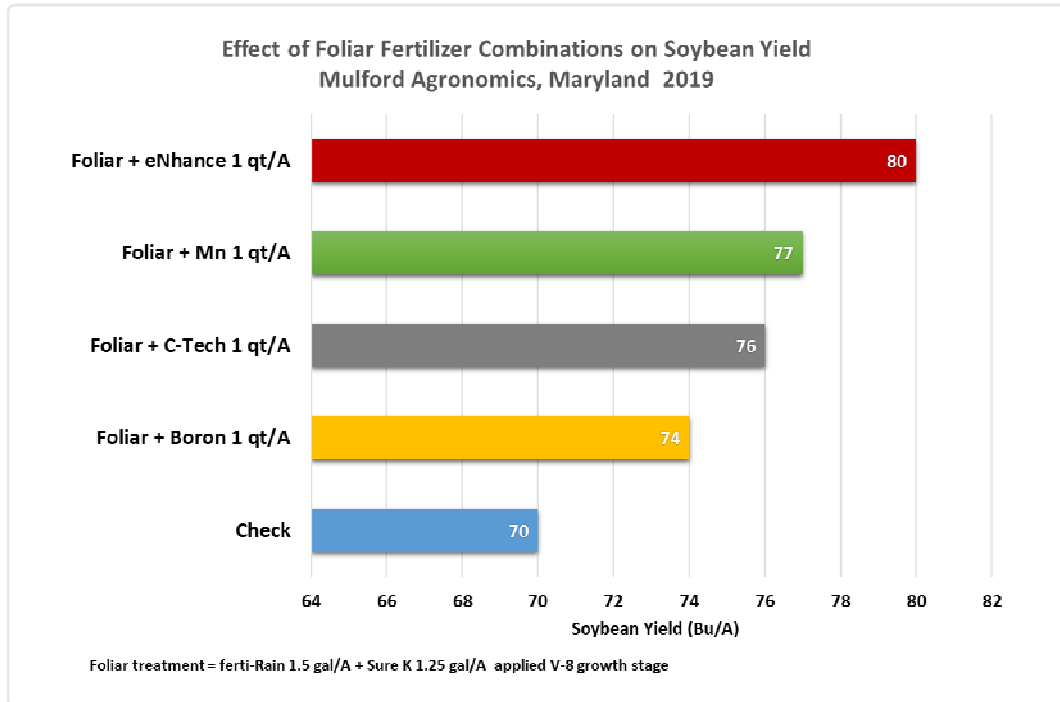
## Objective:

Compare the effectiveness of several AgroLiquid products as additives to a foliar crop nutrition treatment in soybean.

This project was conducted by Ron Mulford of Mulford Agronomics in Maryland.

Foliar fertilizer treatments were applied at V8 growth stage of soybeans. All foliar treatments included ferti-Rain 1.5 gal/acre + Sure-K 1.25 gal/acre. Additional fertilizer products included MicroLink Boron, MicroLink Manganese, C-Tech or eNhanse at 0.25 gal/acre.

All plots received 100 lb of 0-0-60 applied preplant incorporated.



## Conclusions:

- Soybean yields were higher in all plots with foliar treatments compared to the no foliar check.
- Addition of boron, C-Tech, or manganese to the base foliar treatment of ferti-Rain + Sure-K increased soybean yield by 4 - 7 bu/acre compared to the no foliar check.
- Addition of eNhanse provided the greatest benefit to soybean yield, increasing it by 10 bu/acre compared to the no foliar check.
- Soybeans respond well to foliar sulfur applications when eNhanse is used as the sulfur source.