



Effect of Sulfur in Foliar Fertilizer on Soybean Yield

Frankfort, IN

Experiment Info:

Planted:	4-23-2017
Harvest:	10-1-2017
Yield Goal:	
Target Fert.:	
Variety:	Asgrow 35X7
Population:	
Row Width:	30"
Prev. Crop:	Corn
Plot Size:	10 acres
Replications:	1

Soil Test Values (ppm):

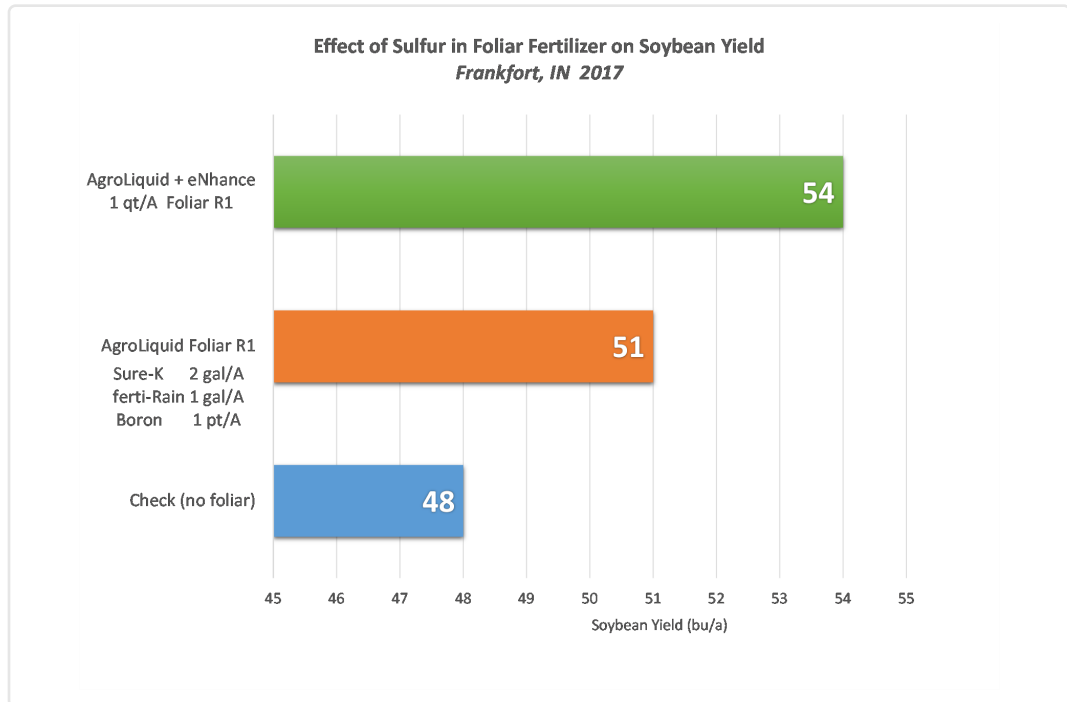
pH:
CEC:
%OM:
Bray P1:
Bicarb P:
K:
S:
%K:
%Mg:
%Ca:
%H:
Zn:
Mn:
B:

Objective:

Determine the effect of sulfur in a foliar fertilizer program on soybean yield.

A common AgroLiquid foliar fertilizer treatment in soybeans is Sure-K (2 gal/A) + ferti-Rain (1 gal/A) + MicroLink Boron (1 pt/A). This trial evaluated the effect of that treatment with or without eNhance (1 qt/A) as a sulfur source compared to a no foliar treatment check.

Applications were made at the R1 soybean growth stage on June 26, 2017.



Conclusions:

- The AgroLiquid foliar fertilizer program provided a 3 bu/A soybean yield increase compared to the check. Addition of 1 qt/A of eNhance improved yield by 6 bu/A compared to the check, and 3 bu/A compared to the Sure-K + ferti-Rain + MicroLink Boron treatment.

The addition of eNhance as a foliar-applied sulfur source did not cause any injury to soybean foliage.

Sulfur provided a yield benefit in this trial. A soil test would be a useful guide for determining a well planned out foliar crop nutrition program.