Foliar Fertilizer Programs in Soybeans
Frankfort, IN

Experiment Info:	
Planted:	5/19/2015
Harvest:	10/5/2015
Yield Goal:	60
Target Fert.:	0-16-55
Variety:	NKS35
Population:	160000
Row Width:	30
Prev. Crop:	corn
Plot Size:	30 X 800
Replications:	1
Planting:	5/19/2015
Foliar:	7/15/2015
Foliar:	

Soil Test Values (ppm):	
pH:	6.9
CEC:	21.7
%OM:	3.4
Bray P1:	12
Bicarb P:	0
K:	122
S:	12
%K:	1.4
%Mg:	22.3
%Ca:	76
%H:	0
Zn:	0.7
Mn:	2
B:	0.5

Objective:

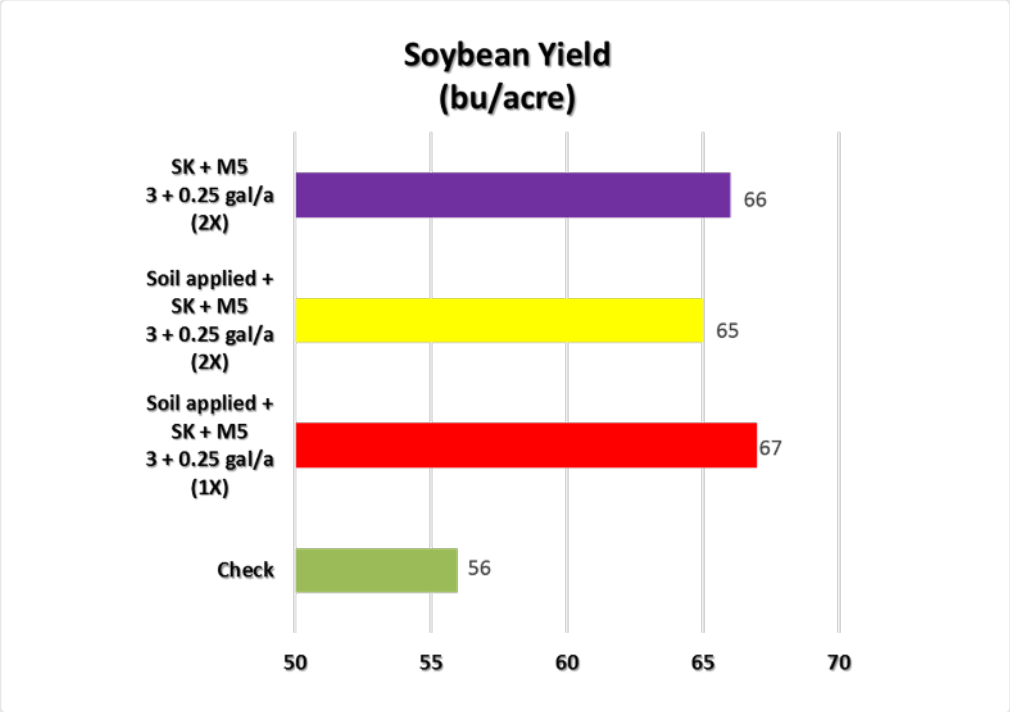
Objective: Compare foliar fertilizer programs in soybeans with or without a soil applied fertilizer treatment.

Trial was conducted by Rex Rawlings near Frankfort, IN.

Soil applied treatment was placed in-furrow at planting. Soil applied treatment was Pro-Germinator 1.25 gal/a + Sure-K 1.25 gal/a+ Micro 500 0.5 gal/a. Abbreviations: SK = Sure-K, M5 = Micro 500.

Foliar fertilizer treatments were applied to soybeans either one time at V5-6 (1X) or two times at V5-6 and R1-2 (2X).

NOTE: the field received in excess of 30" of rain from planting through mid-July which may have negatively affected yields in the entire trial.



Conclusions:

- All fertilizer treatments provided comparable soybean yields, and yields in treated plots were 9 - 11 bu/acre higher than in non-treated plots.
- The foliar fertilizer only program provided comparable soybean yields to the soil + foliar programs.
- There was no advantage to multiple foliar applications following soil application in this trial.