



Foliar Fertilizer Applications in Soybeans Blenheim, ON

Experiment Info:

Planted:	5/15/2015
Harvest:	11/10/2015
Yield Goal:	60 bu/a
Target Fert.:	-
Variety:	-
Population:	130000
Row Width:	30"
Prev. Crop:	42165
Plot Size:	0.75 acres
Replications:	1
Foliar:	6/10/2015
Foliar:	7/6/2015

Soil Test Values (ppm):

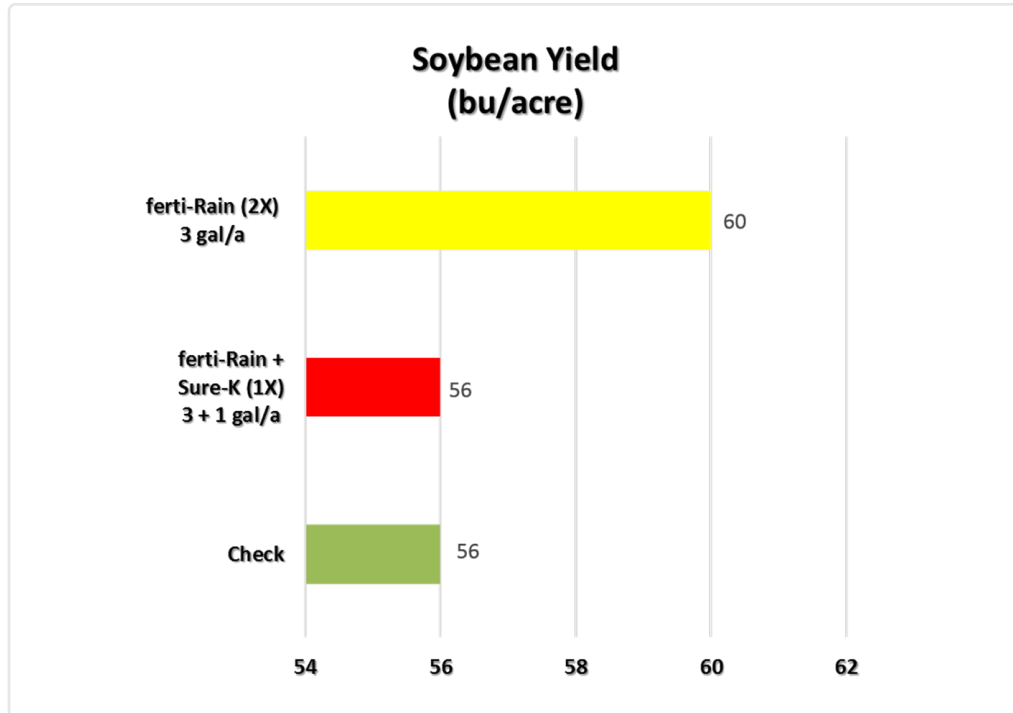
pH:	7
CEC:	25.3
%OM:	5.2
Bray P1:	99
Bicarb P:	0
K:	347
S:	60
%K:	3.5
%Mg:	10.5
%Ca:	72.5
%H:	12.9
Zn:	6.7
Mn:	17
B:	0.6

Objective:

Objective: Compare soybean yield response from a single application of Sure-K + ferti-Rain to multiple applications of ferti-Rain.

Trial was conducted by Bob Andruchow near Blenheim, Ontario.

Foliar applications were made to soybeans at the V6 or V6 + R1 growth stage



Conclusions:

- Soybean yield in plots treated with multiple applications of ferti-Rain were 4 bu/acre higher than plots receiving a single application of ferti-Rain + Sure-K or no foliar fertilizer.
- Soil potassium level in this field was high so additional Sure-K was probably not of benefit.
- The additional nitrogen and sulfur supplied by the second ferti-Rain application may have contributed to the yield increase in the multiple application treatment.