

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):

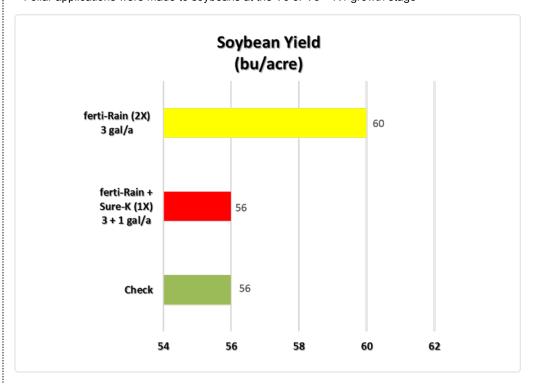
| pH: | 7 |
|-----------|------|
| CEC: | 25.3 |
| %OM: | 5.2 |
| Bray P1: | 99 |
| Bicarb P: | 0 |
| K: | 347 |
| S: | 60 |
| %K: | 3.5 |
| %Mg: | 10.5 |
| %Ca: | 72.5 |
| %H: | 12.9 |
| Zn: | 6.7 |
| Mn: | 17 |
| B: | 0.6 |
| | |

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.