



Foliar Fertilizer Applications on Sweet Potato

Ontario, 2020

Experiment Info:

Planted:	6-1-2020
Harvest:	11-17-2020
Yield Goal:	
Target Fert.:	
Variety:	
Population:	9600
Row Width:	46"
Prev. Crop:	
Plot Size:	
Replications:	

Soil Test Values (ppm):

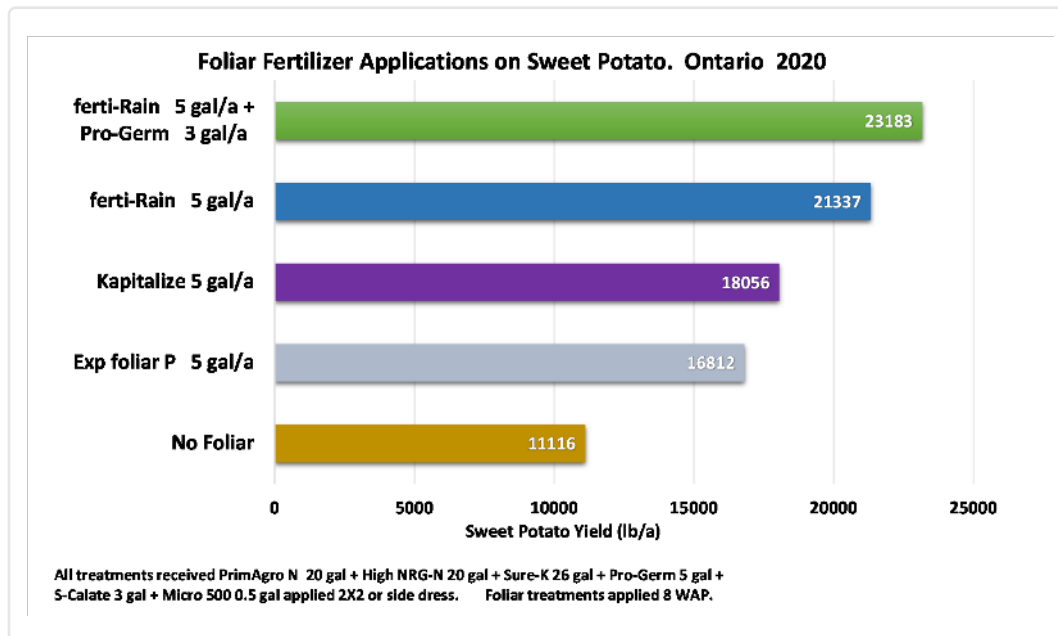
pH:	6.5
CEC:	7.5
%OM:	3
Bray P1:	75
Bicarb P:	
K:	160
S:	16
%K:	4.7
%Mg:	9.5
%Ca:	62
%H:	
Zn:	4.0
Mn:	10
B:	0.3

Objective:

Evaluate the performance of foliar fertilizer treatments on sweet potato.

This trial compared the performance of various foliar fertilizer treatments, including an experimental phosphorus product; Kapitalize (a combination of potassium, calcium, and sulfur); ferti-Rain and ferti-rain + Pro-Germinator. All foliar treatments were applied 8 weeks after planting.

All plots received the same 2X2 planter fertilizer treatment and side dress treatment.



Conclusions:

- All foliar fertilizer treatments resulted in higher sweet potato yield than the no foliar check.
- Ferti-Rain and ferti-Rain + Pro-Germinator provided the best yields, indicating that the crop needed both phosphorus and potassium, as well as some nitrogen and sulfur.
- Kapitalize and the experimental phosphorus product provided potassium and phosphate, respectively, but the crop required a combination of those two nutrients to meet its highest yield in this trial.