



GR-14 on Cucumber (2016)

AgroSpray - Tillsonburg, Ontario

Experiment Info:

Planted:	
Harvest:	9/5/2016
Yield Goal:	
Target Fert.:	
Variety:	
Population:	
Row Width:	36
Prev. Crop:	
Plot Size:	3 acres
Replications:	1

Soil Test Values (ppm):

pH:	6.9
CEC:	9.2
%OM:	2.5
Bray P1:	60
Bicarb P:	
K:	131
S:	17
%K:	2.4
%Mg:	9.1
%Ca:	74.3
%H:	14.2
Zn:	3.7
Mn:	10
B:	0.4

Objective:

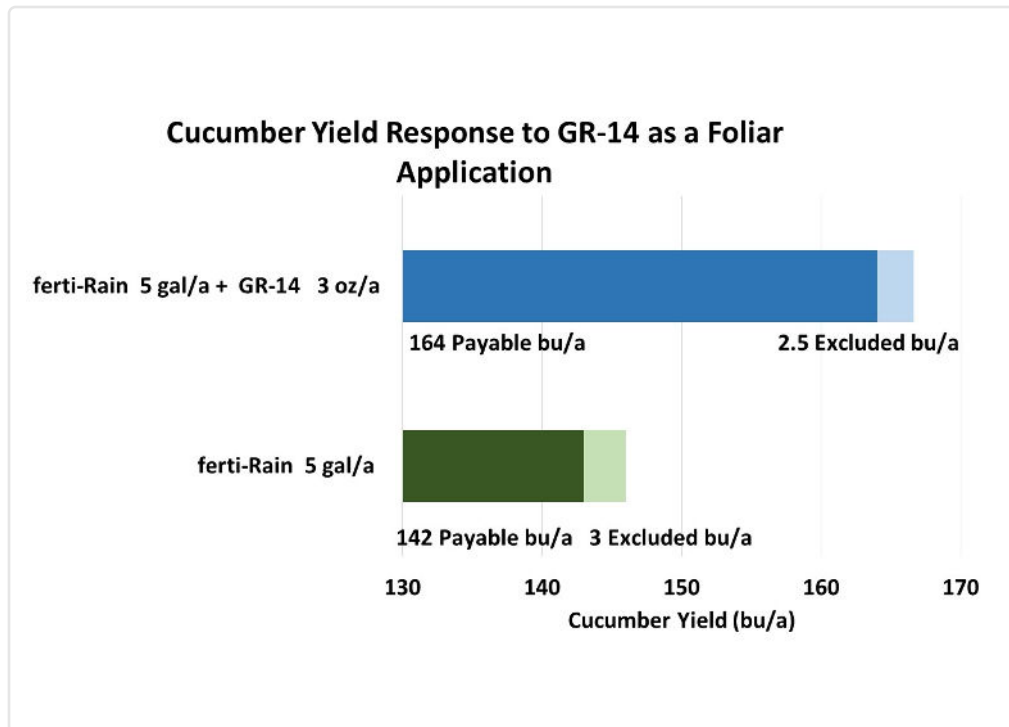
Evaluate the effect of GR-14 as a foliar treatment on cucumber.

Gr-14 is a combination of specific micronutrients and growth promoters necessary for total plant health.

All plots received a base program of High NRG-N, Pro-Germinator, Sure-K and Micro 500 at planting + High NRG-N + Sure-K + Premium Calcium (Liberate-Ca) + accesS at side dress + ferti-Rain foliar.

GR-14 was applied at 1 oz/acre every 14 days for a total of three applications. That treatment was compared to ferti-Rain.

Data is from a randomly selected harvest date of September 5, 2016. Payable bushels of cucumber include grades 1s, 2 A&B, and 3 A&B. Excluded bushels include grades sub 1s, nubs and culls.



Conclusions:

- Addition of GR-14 to a full AgroLiquid program increased overall yield and payable bushels, and decreased excluded bushels compared to the AgroLiquid program alone.
- Comment from cooperator at harvest "Where GR-14 was applied there were more cucumbers and and after grading showed better grades and higher weights."