



# Effect of foliar fertilizer on pepper yield (bare ground)

Tillsonburg, Ontario

## Experiment Info:

Planted:	5-27-2018
Harvest:	09-06-2018
Yield Goal:	
Target Fert.:	
Variety:	Red Knight
Population:	13000/acre
Row Width:	46"
Prev. Crop:	
Plot Size:	30 acres
Replications:	1

## Soil Test Values (ppm):

pH:	6.6
CEC:	7.2
%OM:	2.5
Bray P1:	115
Bicarb P:	
K:	95
S:	11
%K:	3.5
%Mg:	10
%Ca:	81.5
%H:	5
Zn:	3.2
Mn:	6
B:	0.3

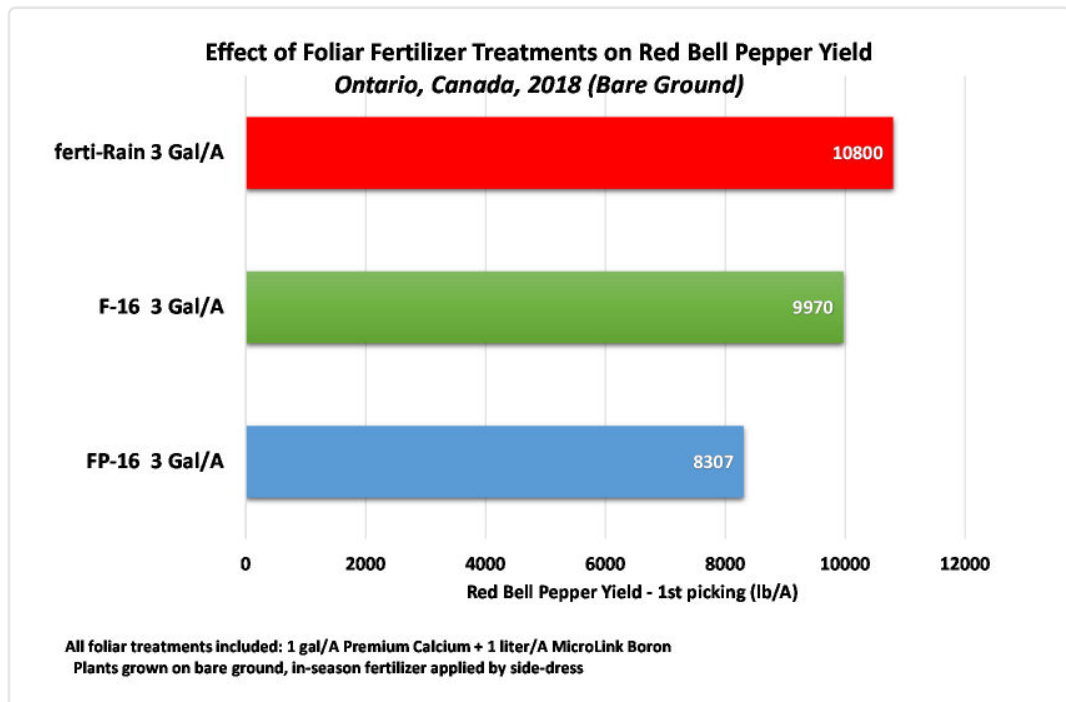
## Objective:

Evaluate the effects of foliar fertilizers on yield of red bell pepper grown on bare ground.

Red bell peppers were established on bare ground on May 27, 2018. All plots received High NRG-N 3 gal/a + Pro-Germinator 3.5 gal/a + Sure-K 3 gal/a C-Tech 0.5 gal/a + Micro 500 0.5 gal/a + accesS 2 gal/A + Boron 0.25 gal/a + Copper 0.125 gal/a with 2X2 placement. Side dress application included 15 PrimAgro N 15 gal/a + Sure-K 7.5 gal/a.

Foliar applications of ferti-Rain, FP-16 (experimental phosphorus), or F-16 (experimental NPK) were applied at 3 gal/a. All foliar treatments included MicroLink Ca 1 gal/A + Boron 0.25 gal/A.

Plots were harvested on September 6, 2018.



## Conclusions:

- ferti-Rain application provided the highest yield of the foliar fertilizers in this field trial, followed by FP-16 and F-16.
- This is in contrast to the same trial conducted on plants grown on plastic mulch, where F-16 provided the highest yield.
- All of the foliar fertilizer treatments provide yield benefit but the inconsistency between trials indicates that other factors may also influence the performance of the fertilizer treatments.