



# Planter Starter Comparison on Bell Peppers

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## Experiment Info:

Planted:	5-31-2019
Harvest:	10-14-2019
Yield Goal:	20 Ton
Target Fert.:	
Variety:	Red Knight
Population:	11500
Row Width:	
Prev. Crop:	Rye
Plot Size:	
Replications:	

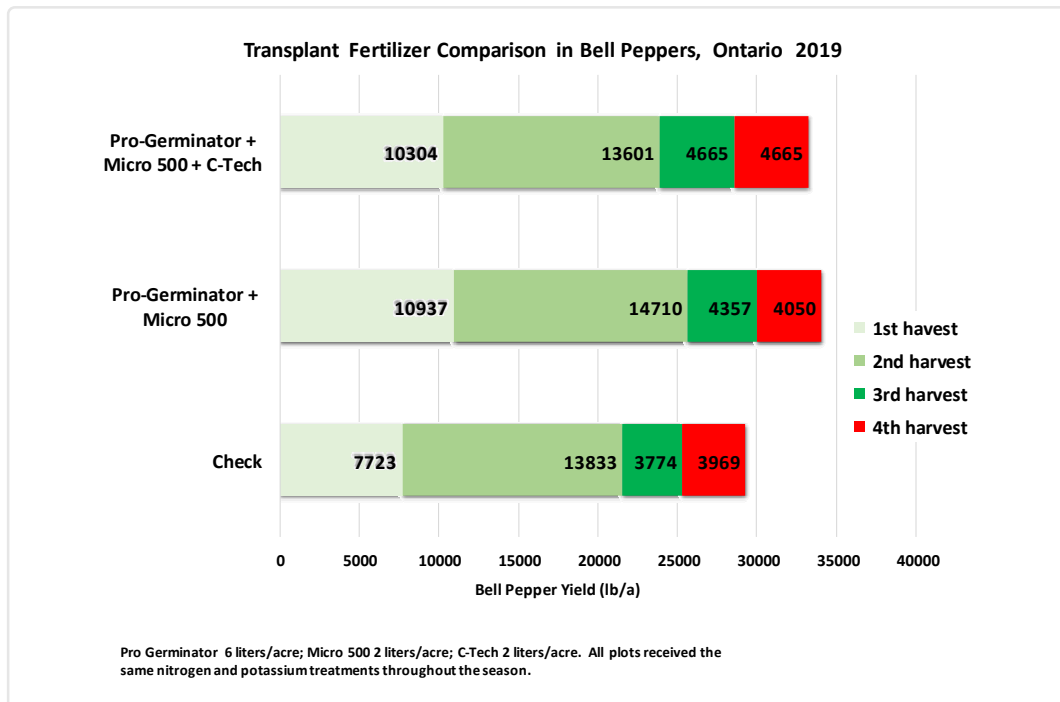
## Soil Test Values (ppm):

pH:	6.8
CEC:	7.5
%OM:	3.1
Bray P1:	120
Bicarb P:	
K:	145
S:	11
%K:	5.1
%Mg:	14
%Ca:	65
%H:	10.9
Zn:	3.2
Mn:	12
B:	0.4

## Objective:

Evaluate the performance of Pro-Germinator, Micro 500, and C-Tech on yield of bell peppers when applied in transplanter fertilizer solution.

Treatments included a no-planter fertilizer check, Pro-Germinator + Micro 500 at 6 liters + 0.5 liters/acre, and Pro-Germinator + C-Tech + Micro 500 at 6 liters + 0.5 liters + 0.5 liters/acre. All treatments (including the check) received the same nitrogen and potassium treatment through drip irrigation as well as foliar application of ferti-Rain + calcium + boron.



## Conclusions:

- A killing frost on October 15 caused early trial termination, which also reduced overall yield. Typical practice for the area is to harvest peppers until late November. Fourth harvest was taken after October 15 frost, measuring the potential saleable peppers remaining in the plots at that time.
- Pro-Germinator + Micro 500 applied at planting increased yield compared to the no-fertilizer check. Addition of C-Tech to the planter starter solution did not improve pepper yield in this trial.