



Fertilizer Programs in Bell Pepper

Ontario, 2020

Experiment Info:

Planted:	6-7-2020
Harvest:	9-6-2020
Yield Goal:	
Target Fert.:	
Variety:	Red Knight
Population:	13000
Row Width:	
Prev. Crop:	
Plot Size:	
Replications:	

Soil Test Values (ppm):

pH:	6.5
CEC:	8.5
%OM:	2.3
Bray P1:	65
Bicarb P:	
K:	115
S:	12
%K:	4.2
%Mg:	8.9
%Ca:	63
%H:	
Zn:	5.5
Mn:	8
B:	0.3

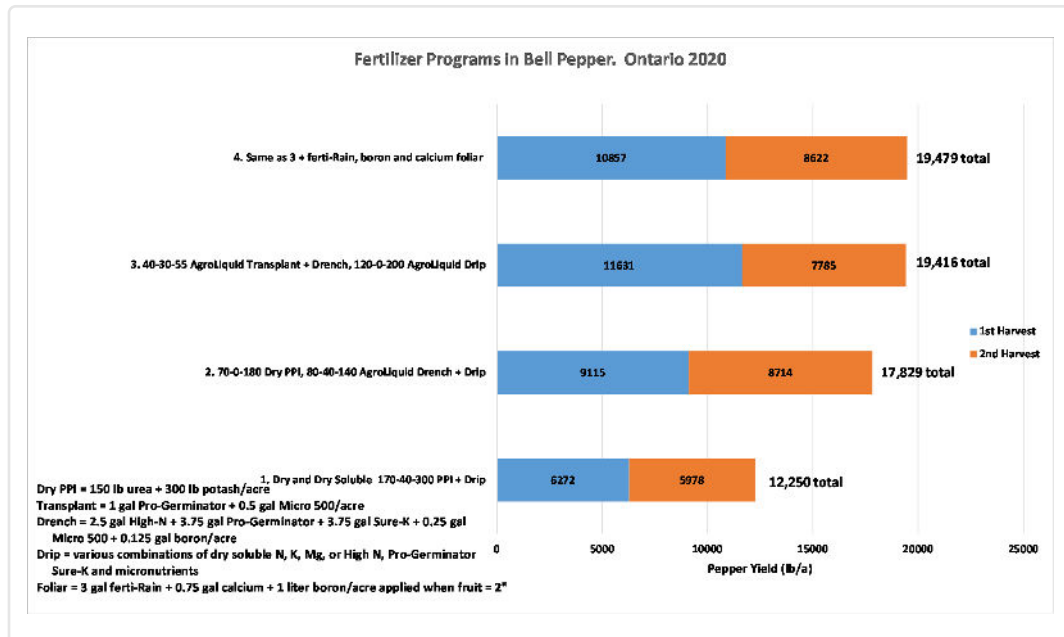
Objective:

Compare dry/dry soluble fertilizer programs to various AgroLiquid fertilizer combinations in bell pepper.

The trial was conducted on plants grown in plastic mulch with drip irrigation.

Drip applications were applied weekly for 10 weeks. Approximately 5 gal/acre of each AgroLiquid mix was applied each week. Dry soluble application alternated between ammonium nitrate and potassium sulfate over the 10 week treatment time.

Peppers were harvested two times before killing frost. Data is reported for each harvest date.



Conclusions:

- AgroLiquid programs outperformed the dry/dry soluble program by 5,000 - 7,000 lb harvested/acre.
- AgroLiquid programs that used a transplant solution treatment outperformed the program using urea + potash PPI by about 1,600 lb harvested peppers/acre, which demonstrates the value of the AgroLiquid based transplant solution.
- Foliar applications did not provide increased yield compared to the soil applied program in this trial.