



F-16/Z-16 Foliar Application to Red Bell Peppers (2016)

AgroSpray - Tillsonburg, Ontario

Experiment Info:

Planted:
Harvest:
Yield Goal:
Target Fert.:
Variety:
Population:
Row Width:
Prev. Crop:
Plot Size:
Replications:

Soil Test Values (ppm):

pH: 6.6
CEC: 6.9
%OM: 3.1
Bray P1: 130
Bicarb P:
K: 130
S: 15
%K: 4.7
%Mg: 12.3
%Ca: 58.1
%H: 24.9
Zn: 3.8
Mn: 12
B: 0.4

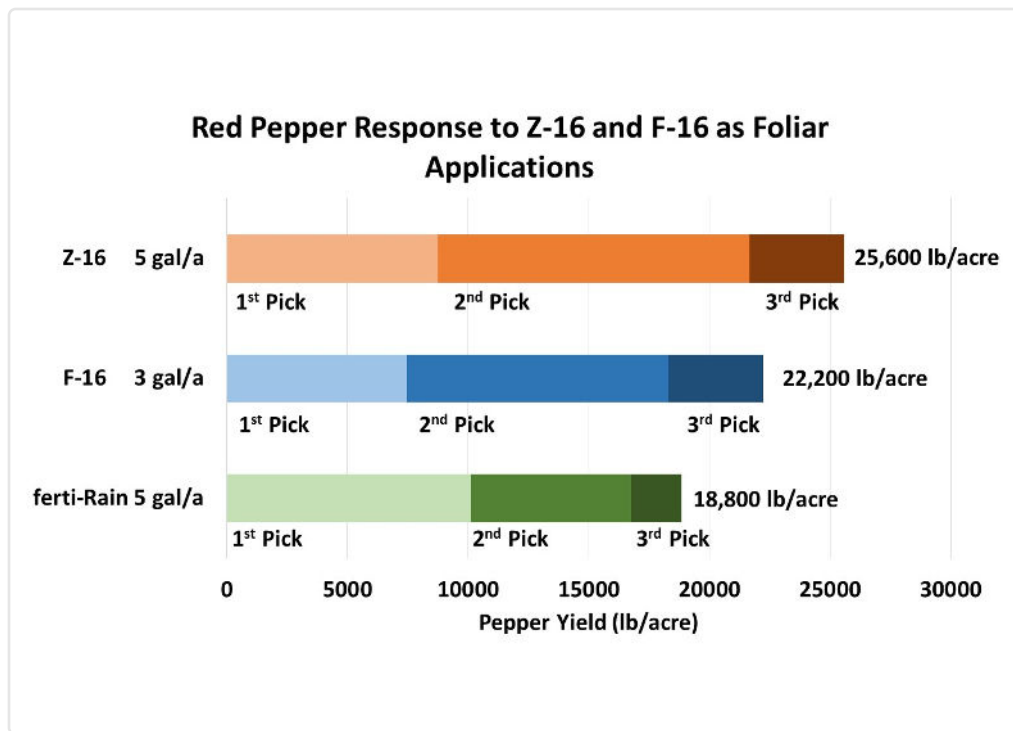
Objective:

Evaluate the response of red bell pepper to foliar applications of F-16 or Z-16 experimental fertilizers applied as a foliar spray.

F-16 and Z-16 are experimental fertilizer products designed to be applied as a foliar spray in horticultural crops. They are intended to improve flowering, fruit set, and vegetative growth.

Peppers received a base program of High NRG-N, Pro-Germinator, Sure-K, Premium Calcium (Liberate-Ca), access, Micro 500 and boron.

Foliar treatments included ferti-Rain (2 applications of 2.5 gal/acre), F-16 at 3 gal/acre or Z-16 at 5 gal/acre.



Conclusions:

- Foliar application of Z-16 provided the highest total yield and highest yield for 2nd and 3rd pickings. F-16 application increased yield compared to ferti-Rain but did not perform as well as Z-16.
- ferti-Rain treated peppers showed the highest yield for the first picking in this trial.