



Foliar Potassium and Calcium in Tomatoes

Alexandria, IN, 2024

Experiment Info	
Planted:	5-20-24
Harvested:	9-5-24
Yield Goal:	20 ton/a
Variety:	
Pop.:	
Row Width:	2'
Prev. Crop:	
Plot Size:	5' X 100'
Reps:	2

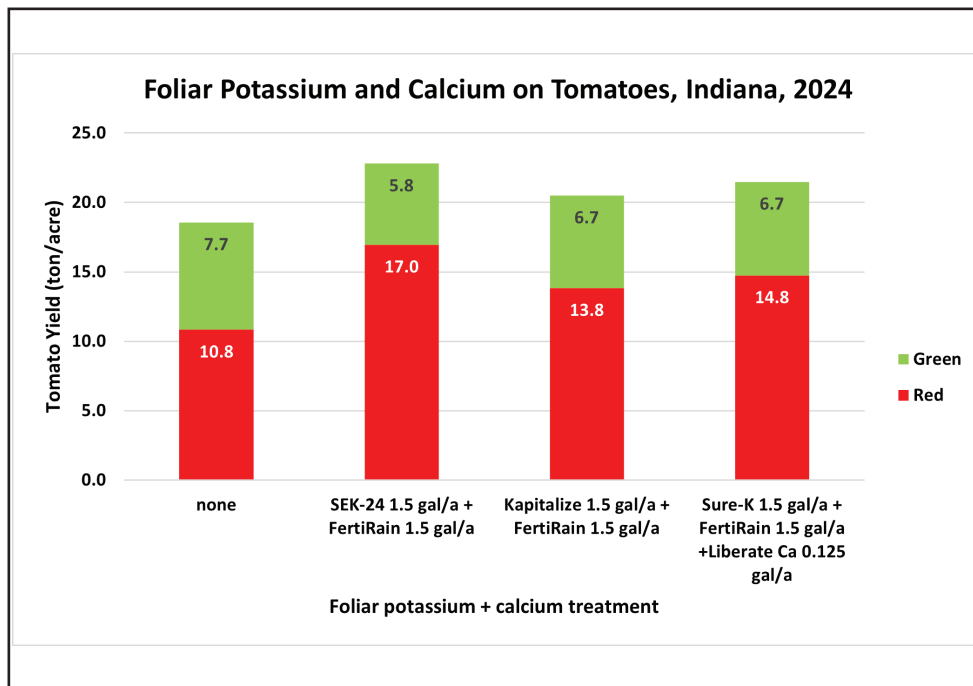
Soil Test (ppm)	
pH:	5.7
CEC:	16.6
%OM:	2.4
Bray P1:	27
Bicarb P:	
K:	173
S:	7
%K:	2.7
%Mg:	14.7
%Ca:	61.4
%H:	20.9
Zn:	1.2
Mn:	9
B:	0.3

Objective:

SEK-24 is an alternative formulation of Kapitalize that has improved storage characteristics. Both products include potassium, calcium and sulfur. The objective of this trial was to compare the performance of SEK-24 + FertiRain to Kapitalize + FertiRain or a combination of Sure-K + Liberate Ca + fertiRain when applied as a foliar treatment.

All treatments were applied four times throughout the growing season at 14 day intervals starting June 30. All treatments received the same soil applied nitrogen, phosphorus, and potassium nutrition.

Trial was conducted in cooperation with Red Gold Tomatoes in Elwood, IN.



Conclusions:

- All AgroLiquid treatments provided higher tomato yield than the no foliar treatment.
- SEK-24 + FertiRain provided total yield, and percentage of red tomatoes comparable to Kapitalize + FertiRain or Sure-K + Liberate Ca + FertiRain
- SEK-24 performs comparably to Kapitalize or Sure-K + Liberate Ca when applied as a foliar in tomatoes.