Tomato Fertilizer Program Comparisons

Five Points, California: 2020

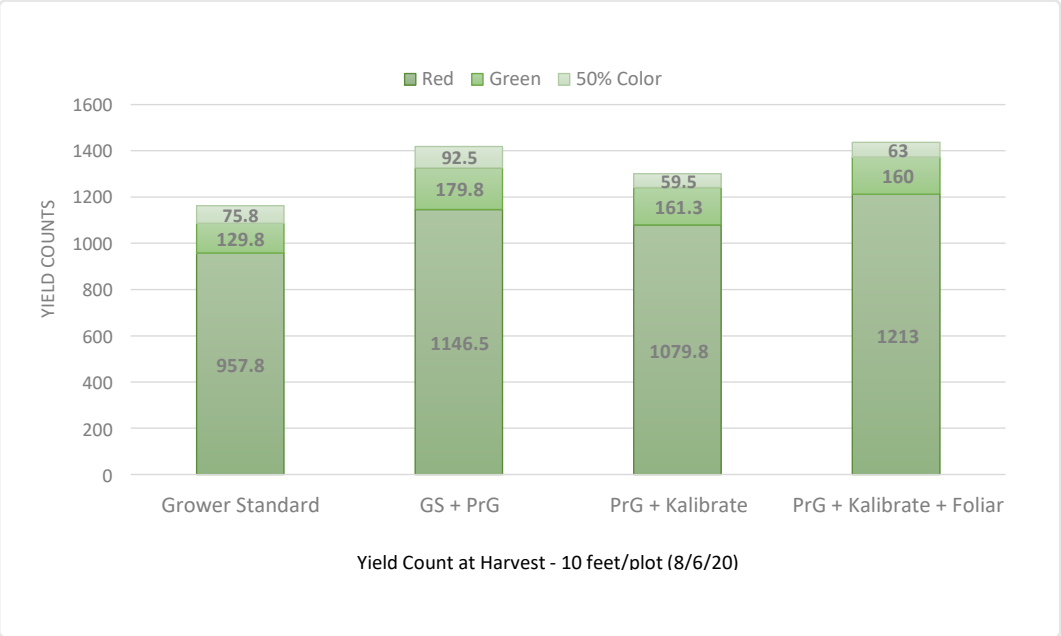
Experiment Info:	
Planted:	4/15/2020
Harvest:	8/6/2020
Yield Goal:	65 Tons
Target Fert.:	
Variety:	H-1428
Population:	7414
Row Width:	6.66
Prev. Crop:	
Plot Size:	6.6 x 10
Replications:	4

Soil Test Values (ppm):
pH:
CEC:
%OM:
Bray P1:
Bicarb P:
K:
S:
%K:
%Mg:
%Ca:
%H:
Zn:
Mn:
B:

Objective:

To determine fertilizer effects on tomato yield and quality.

A comparison of a grower standard using 10-34-0, UAN 32. potassium thiosulfate, and CAN 17 to AgroLiquid using PrG, Kalibrate, UAN32 and CAN 17 was done on field tomatoes. Additionally, a treatment with 2 foliar applications of LiberateCa and Sure K was done. Evaluations of yield and percentage of fruit coloring was done by treatment. Results appear on the chart below.



Conclusions:

- There is a significant increase of field counts of tomatoes, 1436 for AgroLiquid and 1163 for the grower standard of marketable fruit. This is an increase of 323 over the grower standard program and significantly more red fruit as a proportion of the total.
- The AgroLiquid program has more red fruit than the total yield of the grower standard had of all fruit harvested.