



Fertilizer Effects on Processing Tomato Yield

Abe Isaak Tomato Experiment Station, Willow, CA

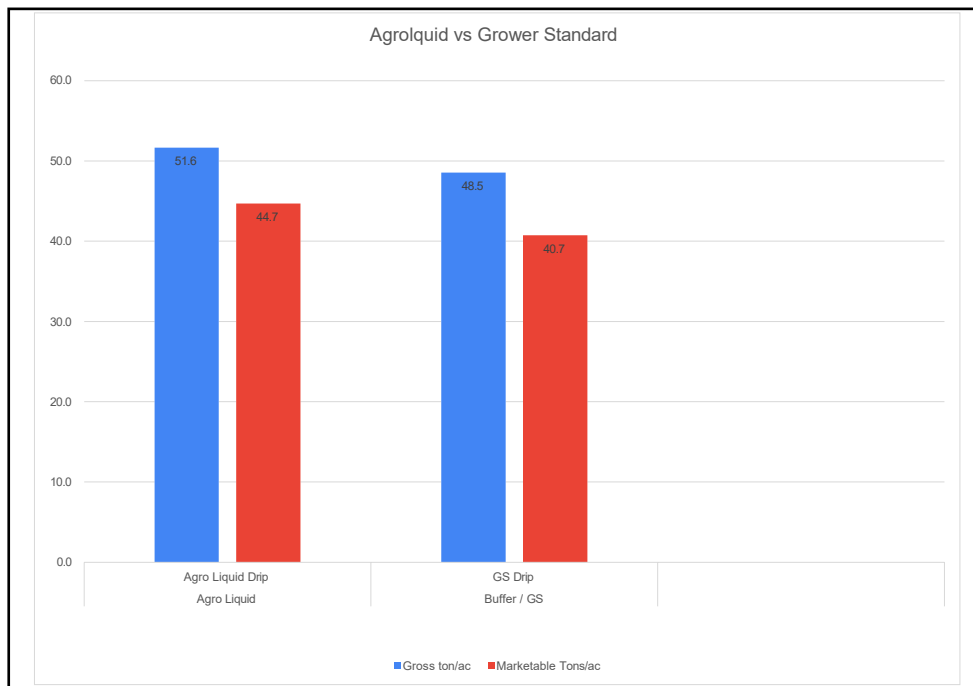
Experiment Info	
Planted:	5/28/22
Harvested:	10/14/22
Yield Goal:	60 Tons
Variety:	HZ6428
Pop.:	
Row Width:	15"
Prev. Crop:	
Plot Size:	40'X135'
Reps:	3

Objective:

To produce performance data by testing products/programs in a "real world" production system. This is a performance data testing between the grower standard soil applied against the Agroliquid soil applied program.

Agroliquid		Grower Standard
164-10.6-6.7 .75 CA		182-0-41 50 CA
Pro-Germ	4 gal/ac 10 lbs equiv/gal 40 units	
Sure-K	12 gal/ac 10 lbs equiv/gal 120 units	
LiberateCA	3 qt/ac 8 lbs equiv/gal 6 lbs.	

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



stats

Conclusions:

- 7 lbs. of potassium from Sure-K out produces 41 lbs of potassium from other potassium sources.
- The Agroliquid program beat the grower standard gross tonnage by over 3 tons/ac and marketable fruit over the grower standard by 4 tons/ac
- A rain event on 9/28/22 reduced gross yield and reduced the marketable yield due to black mold and this reduced the expected to yield from over 60 ton/ac to what was harvested.
- The ROI on Agroliquid was better than the grower standard with a return of over \$150/ac.