



Citrus Yield and Brix Response to Fertilizer Programs

Reedley, CA 2020

Experiment Info:	
Planted:	
Harvest:	
Yield Goal:	
Target Fert.:	
Variety:	Navels
Population:	
Row Width:	
Prev. Crop:	
Plot Size:	7.5 Acres
Replications:	1

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

Objective:

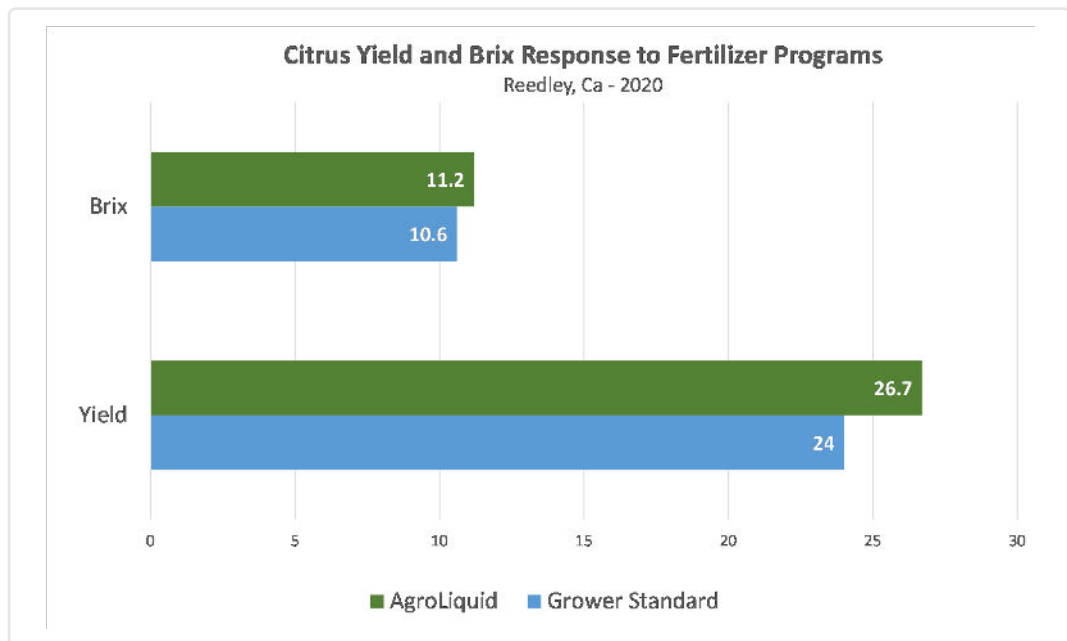
Compare the grower standard program against AgroLiquid to determine which program produced the highest yields by bin count and soluble solids (brix).

AgroLiquid:

13 gal/A High NRG-N
 12 gal/A PrG
 14 gal/A Kalibrate
 2 qt/A Micro 500

Grower Standard:

18 gal UAN 32
 30 gal 10-34-0
 43 gal potassium thiosulfate



Conclusions:

- The AgroLiquid Program when compared to the grower standard produced yielded 10% more.
- AgroLiquid had more soluble solids than the the grower standard. This is significant because sugar has a much higher freezing temperature than water, this makes the oranges able to withstand lower temperatures for a longer period of time before freeze damage will occur to the fruit.
- Flavonol Polymer Technology gets more nutrients into the fruit producing higher yields and higher brix.