Citrus: Comparison of Lbs of Nutrients Applied by Fertilizer Program

Naval Orange Trial, Reedley, CA 2020

Experiment Info:	
Planted:	
Harvest:	11/5/2020
Yield Goal:	
Target Fert.:	
Variety:	
Population:	
Row Width:	
Prev. Crop:	
Plot Size:	
Replications:	

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

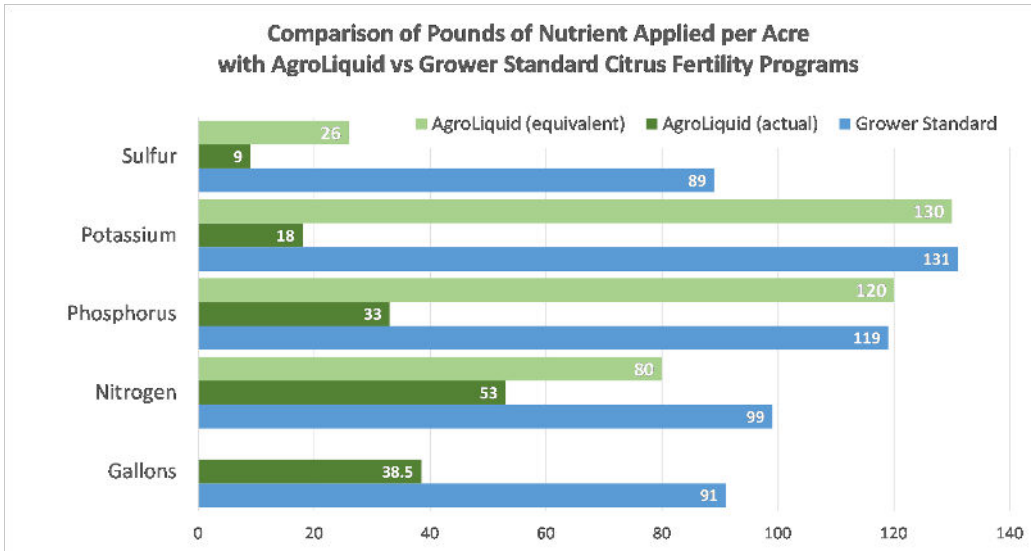
Objective:

To compare the actual and equivalent pounds of nutrients from an AgroLiquid, with Flavonol Polymer Technology, citrus fertility program which included: PrG 9-24-3 at 12 gallons/ac, Kalibrate 2-0-10 (6S) at 13 gallons/ac, High NRG 27-0-0 (1S) at 13 gallons, to the grower standard which included 10 -34-0 at 30 gallons/ac, UAN 32 at 18 gallons/ac, and potassium thiosulfate at 43 gallons/ac. To prove performance our AgroLiquid's high usability products recommended at equivalent lower rates to meet or exceed the yields of the grower standard.

2020 Citrus Yields:

AgroLiquid: 26.7 boxes, 11.2 brix

Grower Standard: 24 boxes, 10.6 brix



Conclusions:

- Applying 42% of the gallons of nutrients to the soil using AgroLiquid Products with Flavonol Polymer Technology produces a yield of 10% more than the grower standard program.
- AgroLiquid with Flavonol Polymer Technology remains available to the plant without tying up in the soil. This keeps the nutrients in better balance in the soil so that all the nutrients are taken into the tree without hindering others needed nutrients from getting into the tree.
- This proves that AgroLiquid with Flavonol Polymer Technology is much more available and efficient to the plant than the grower standard.