



Almond Trial 2023 Grower Standard vs Agroliquid

Bisabri Research: Gustine, CA

Experiment Info	
Planted:	
Harvested:	9/1/23
Yield Goal:	2600 lbs.
Variety:	Independ
Pop.:	148 tr/ac
Row Width:	18'
Prev. Crop:	
Plot Size:	8 trees
Reps:	8

Soil Test (ppm)	
pH:	7.0
CEC:	16.7
%OM:	1.9
Bray P1:	125
Bicarb P:	122
K:	414
S:	45
%K:	6.4
%Mg:	14.7
%Ca:	77.6
%H:	0
Zn:	10.2
Mn:	8
B:	1.7

Objective:

Continue replicated research comparing Agroliquid's PrG and Kalibrate to the grower standard of 10-34-0 and Potassium Thiosulfate. The efficacy of Agroliquid will be compared to the grower standard. Applying Agroliquid products with Nutriqu applying less lbs. of nutrient per acre compared to conventional products can we maintain yield and quality of the almond crop. Below you can see the timing and rates of both programs with the yield listed to the right.

Bisabri Research Almond Trial										
2023 Crop Year										
	Treatment	Oct	March	April	May	June	Total Gallons	*Independants 2023 Yield	lbs./ac +-	
GS	1	32% UAN: 10 Gal. 10-34-0: 7.5 Gal. KTS: 5 Gal. Zinc EDTA: 0 Gal.	32% UAN: 10 Gal. 10-34-0: 15 Gal. KTS: 10 Gal. Zinc EDTA: .5 Gal.	32% UAN: 15 Gal. 10-34-0: 15 Gal. KTS: 10 Gal. Zinc EDTA: .5 Gal.	32% UAN: 15 Gal. 10-34-0: 15 Gal. KTS: 10 Gal. Zinc EDTA: .5 Gal.	32% UAN: 15 Gal. 10-34-0: 0 Gal. KTS: 10 Gal. Zinc EDTA: .5 Gal.	32% UAN: 0 Gal. 10-34-0: 7.5 Gal. KTS: 10 Gal. Zinc EDTA: .5 Gal.	50 45 45 2	2665	
AgroLiquid	4	32% UAN: 10 Gal. PrG: 3 Gal. Kalibrate: 2 Gal. Zinc EDTA: 0 Gal.	32% UAN: 10 Gal. PrG: 6 Gal. Kalibrate: 3.3 Gal. Zinc EDTA: .5 Gal.	32% UAN: 15 Gal. PrG: 6 Gal. Kalibrate: 3.3 Gal. Zinc EDTA: .5 Gal.	32% UAN: 15 Gal. PrG: 0 Gal. Kalibrate: 3.3 Gal. Zinc EDTA: .5 Gal.	32% UAN: 15 Gal. PrG: 3 Gal. Kalibrate: 3.3 Gal. Zinc EDTA: .5 Gal.	32% UAN: 0 Gal. PrG: 3 Gal. Kalibrate: 3.3 Gal. Zinc EDTA: .5 Gal.	50 18 16.5 2	2845	180

8 replications of each app

Conclusions:

- Agroliquid yielded more nuts per acre than the grower standard fertilizer program.
- 1 gallon of PrG (Pro-Germinator 9-24-3) was applied for every 2 1/2 gallons of 10-34-0. Nutriqu technology is able to provide a much higher efficiency of phosphorus into the plant than conventional fertilizer.
 - 1 gallon of Kalibrate (2-0-10 6S) was applied in comparison to 3 gallons of Thiopotassium Sulfate (0-0-25 17S). Agroliquid applied to the soil will get more Potassium into the tree to produce more nuts than the grower standard.
 - Agroliquid saves the grower money and application time and increases the yield to increase the growers bottom line.

