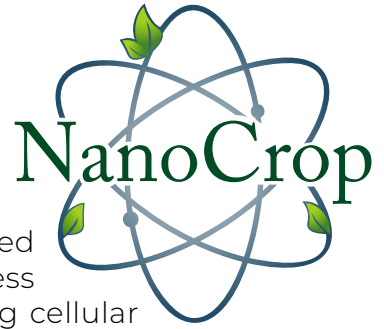
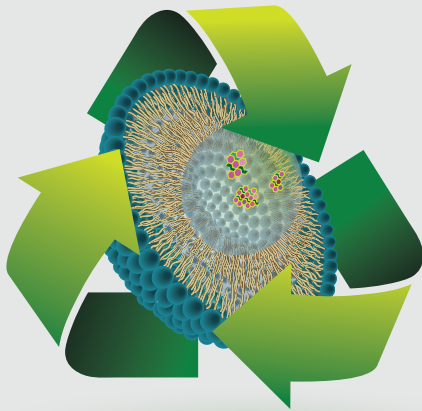


# Fact Sheet

## BIOSTIMULANT



NanoCrop, powered by PureCropNanoTech, is comprised long-chain fatty acids that plants can metabolize into stress response and growth regulation hormones. By improving cellular signaling and hormone and nutrient availability, NanoCrop enhances plant efficiency, leading to increased brix and flavonoid levels. The accompanying graphs illustrate the biostimulant's efficacy, as demonstrated by various studies.



### FATTY ACIDS THE ENERGY

The fatty acids form micelles, delivering carbohydrates and metabolites directly to the phloem and xylem where they are distributed and made immediately available for the plant to use.



### CELLULAR SIGNALING THE FORCE

Micelles provide the plant with metabolites, which result from breaking down the fatty acids into free usable energy and various hormones, making the system more efficient.

### HORMONES THE TOOL

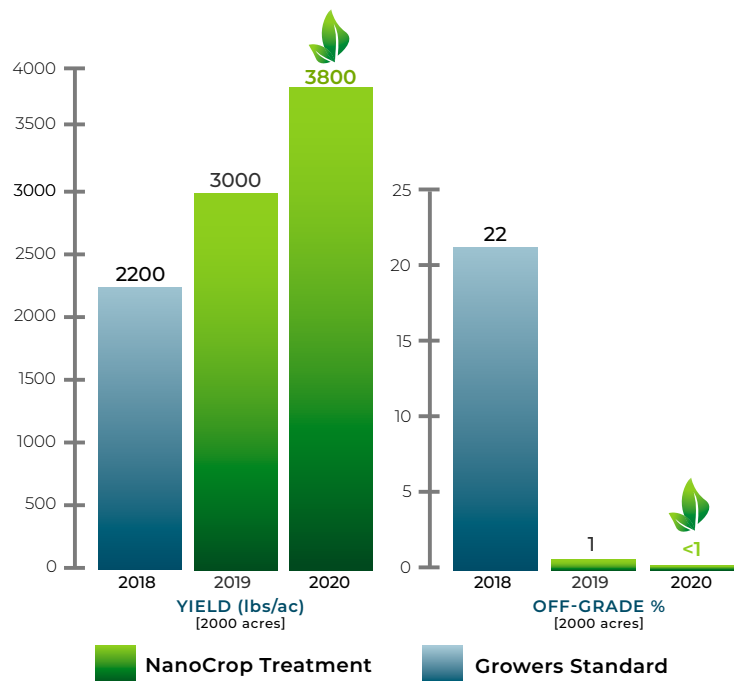
Metabolites produce hormones that are used for plant growth, development, maintaining health, immunity, and biotic & abiotic stress signaling.



Notice the comparison of 2018's harvest without NanoCrop to the following two seasons of switching to an organic NanoCrop program, which replaced seven pesticides. The California farm **increased yield by an additional 73% over two seasons and reduced the off-grade level due to pest damage by 95%.**

ALMOND YIELD & OFF-GRADE		
	Yield	Off-Grade
2018	2200	22%
2019	3000	1%
2020	3800	0.5%

Total Almond Yield & Off-Grade



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## BRIX INCREASE

	NanoCrop	NanoCrop & P&K
CABERNET	5.9%	9.3%
MERLOT	2.7%	5.4%

## DILUTION RATES

### TEST PLOT 1:

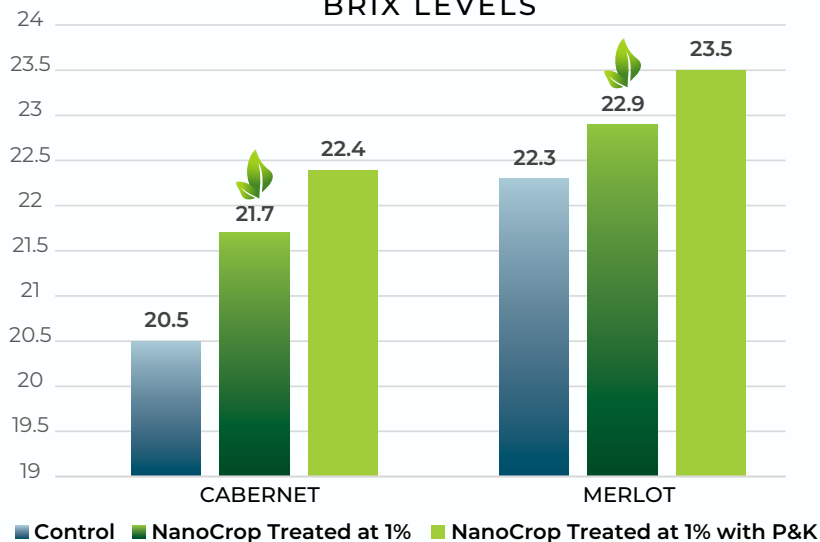
Single 1% v/v application of NanoCrop

### TEST PLOT 2:

NanoCrop at 1% v/v with 4 lbs of monopotassium phosphate

*\*Frequency & dilution rates depend on the variation in crops, growing methods, climate, and geography. Adjust your IPM process based on your specific needs.*

## Washington Wine Grape Trial BRIX LEVELS



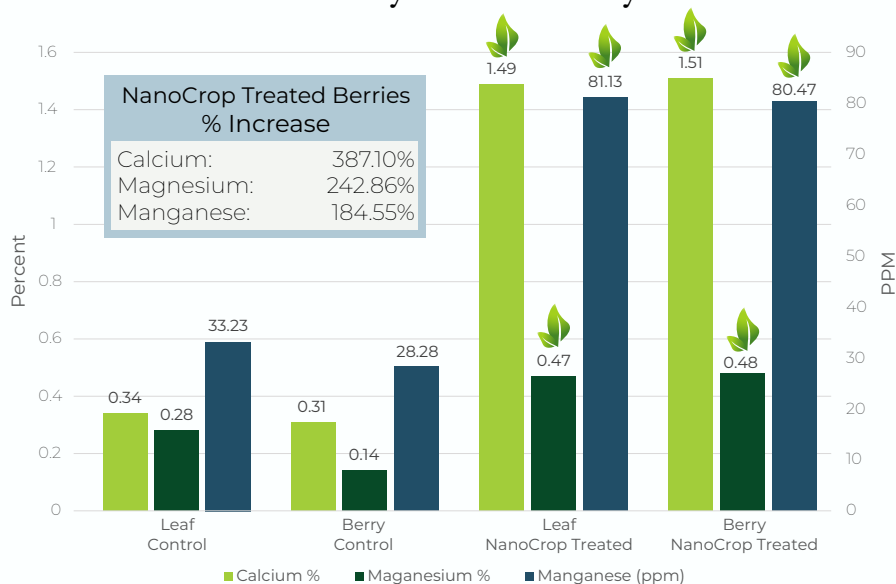
The strawberries increased calcium by 387%, Magnesium by 242%, and Manganese by 184%. **All without adding any additional nutrients to the soil.**

## DILUTION RATES

A 1.5% v/v rate of NanoCrop was applied throughout this trial.

*\*Frequency and dilution rates depend on the variation in crops, growing methods, climate, and geography. Adjust your IPM process based on your specific needs.*

## Strawberry Tissue Analysis



*\*All references to "NanoCrop" in this fact sheet and referenced data refer to and reference PureCrop1 data, results, and application. NanoCrop's formula is based on PureCrop NanoTech and is optimized for commercial agriculture application. Results will be comparable.*



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