

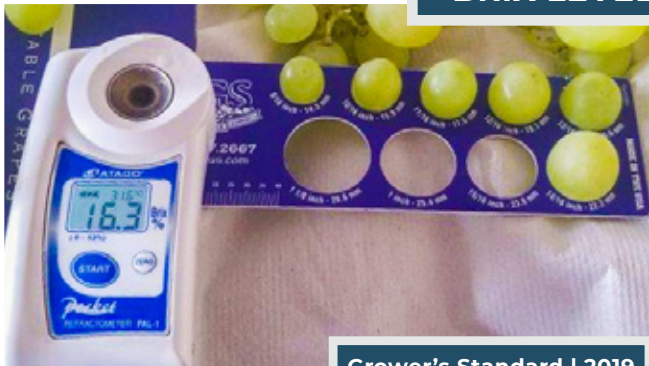
Case Study



TABLE GRAPES

A California farmer's **Timpson table grape** vineyard was rescued from near-destruction and transformed into a premium quality crop in just one year thanks to the use of NanoCrop, *powered by PureCrop NanoTech*. The application of NanoCrop not only provided pest and disease control, but also **significantly increased the overall fruit quality and size** by elevating Brix levels. The 29-acre block was treated with varying doses of NanoCrop during the 2020 season, resulting in a remarkable **35.6% increase in Brix** levels.

BRIX LEVEL MEASUREMENT



Grower's Standard | 2019

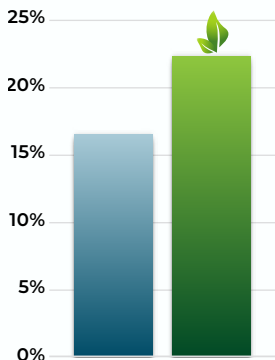


NanoCrop Program | 2020

KEY TAKEAWAYS

- NanoCrop significantly improves the effectiveness of other products when used as an adjuvant.
- Highly compatible with most products, and can extend the duration of control on conventional chemicals.
- Provided pest and disease control, such as powdery mildew and vine mealy bug.
- NanoCrop will not wash away bloom.

TOTAL BRIX %



Grower's Standard 2019

NanoCrop 2020

BRIX INCREASE

	Brix Levels	Brix Levels % Increase
NanoCrop Program	22.1%	35.6%
Grower's Standard	16.3%	



Reduce rates of NanoCrop and Water/Acre towards the end of season for no cuticle damage.

**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.*

See these results in **YOUR** fields
Call our team today! +1.707.972.5650

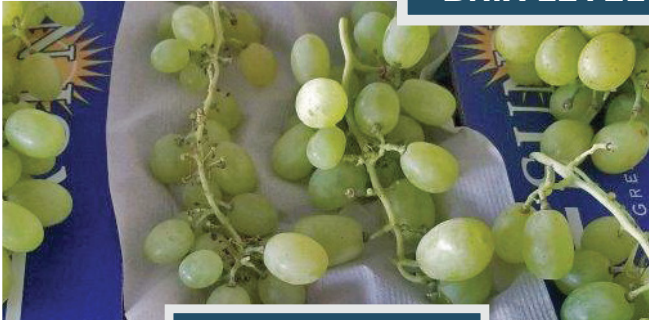
Case Study

TABLE GRAPES

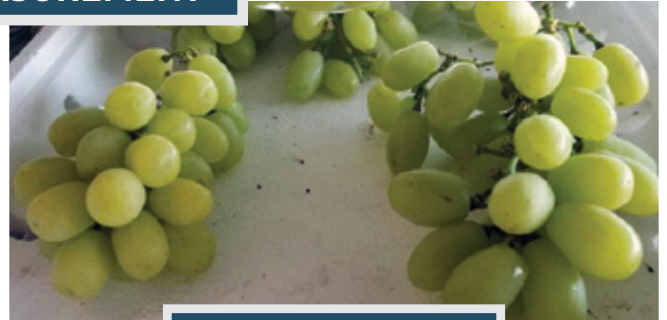
Implementing NanoCrop, *powered by PureCrop NanoTech*, played a vital role in rescuing a farmer's Timpson grapes from severe risk.



BRIX LEVEL MEASUREMENT



Grower's Standard | 2019



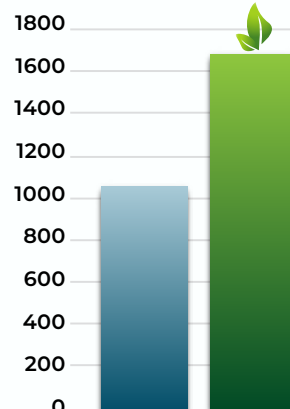
NanoCrop Program | 2020

Through NanoCrop's ability to enhance the quality and size of the grapes, increase yield, and elevate the amount sold as premium, NanoCrop delivered outstanding results. The 29-acre block was subjected to varying treatment rates throughout the 2020 season. However, by adopting a consistent NanoCrop integrated pest management (IPM) program, the yield increased significantly by 57.2%, and the number of **boxes sold as USDA #1 premium rose by a remarkable 686%**. Notably, all produce from the 2020 season was sold in USDA #1 and high-end retail markets, a stark contrast to the 20% sold in 2019, signifying the product's efficacy and potential to yield higher profits for growers.

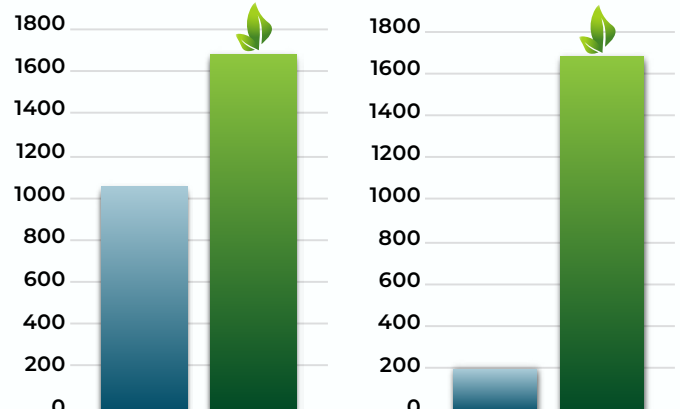
TABLE GRAPE BOXES / ACRE

	Yield	Sold for Premium
NanoCrop 2020	1690	1690
Grower's Standard 2019	1075	215
% Increase	57.2%	686%

YIELD BOXES/ACRE



HIGH END RETAIL BOXES/ACRE



DILUTION RATES

Curative Treatment:

1%-1.5% v/v rate until control

Preventative Care:

0.75% v/v rate every 10-12 days

*FREQUENCY AND DILUTION RATES DEPEND ON THE VARIATION IN CROPS, GROWING METHODS, CLIMATE, AND GEOGRAPHY. ADJUST YOUR IPM PROCESS BASED ON YOUR SPECIFIC NEEDS.



Scan the QR Code to read more about this study!

See these results in **YOUR** fields
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