



STELLA MARIS

WINE GRAPES

Stella Maris® contains Acadian Plant Health™'s unique technology that helps crops to reach their full yield potential. It enhances crop quality and productivity by enhancing root growth, improving plant nutrition and bolstering tolerance to challenging growing conditions.

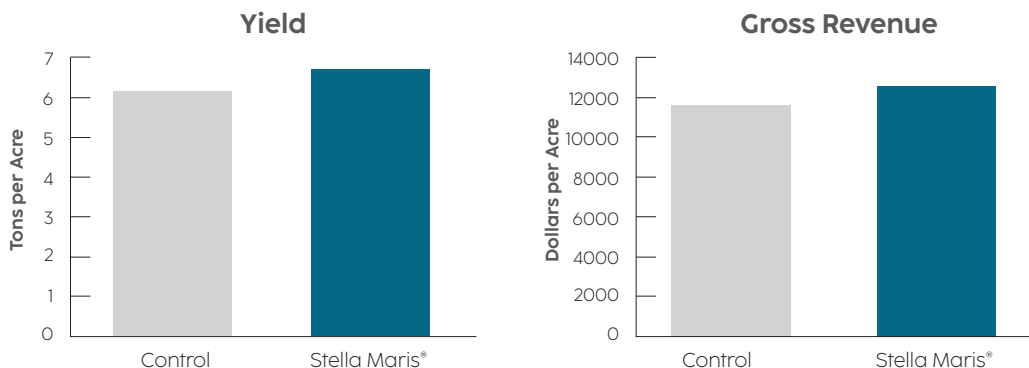
BENEFITS

- Increases nutrient uptake
- Creates loose bunches
- Mitigates environmental stresses
- Improves wine quality

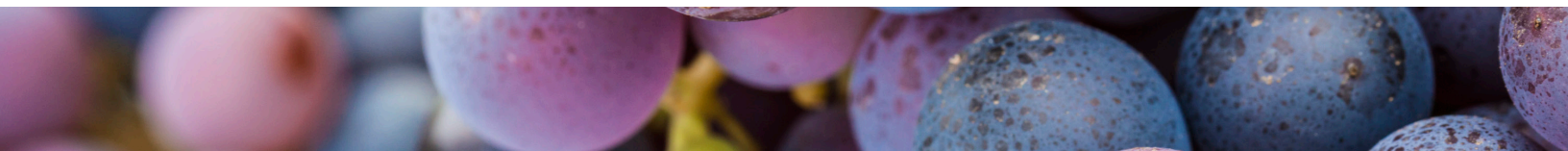
STELLA MARIS® IMPROVES YIELD AND QUALITY

Stella Maris® works at a cellular level by improving the nutritional status of your crop, which combined with the other naturally occurring stress compounds it triggers, results in great juice quality and beautiful wines.

CABERNET SAUVIGNON



Yield was increased 5%. Prices for Cabernet are approximately \$1,750 per tonne. Gross revenue was increased in the Stella Maris® treatment by \$1,380 per hectare.

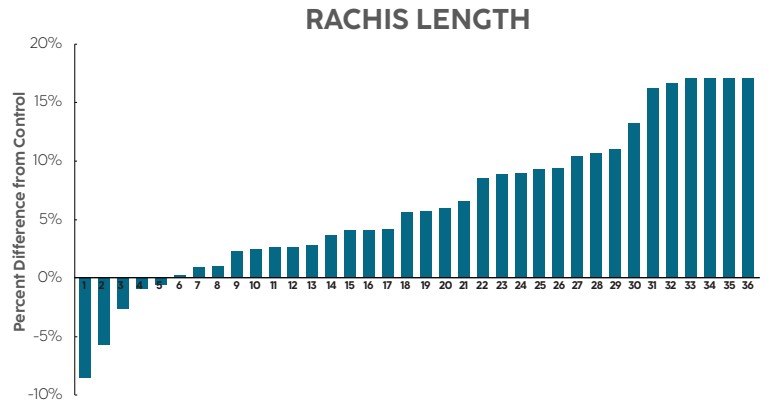


HOW DOES STELLA MARIS® BENEFIT GRAPES?

IMPROVES NUTRIENT UPTAKE:

Stella Maris® improves nutrient uptake and drives rachis growth (stretch) for looser clusters and better airflow around the fruit. Stella Maris® contains natural complexing sugars that bind to micronutrients, thereby improving their translocation and bioavailability within the plant.

When you apply Stella Maris® as part of your regular nutrition program, you're putting nutrients on the fast track and ensuring your plants get the most out of every ounce of fertilizer.

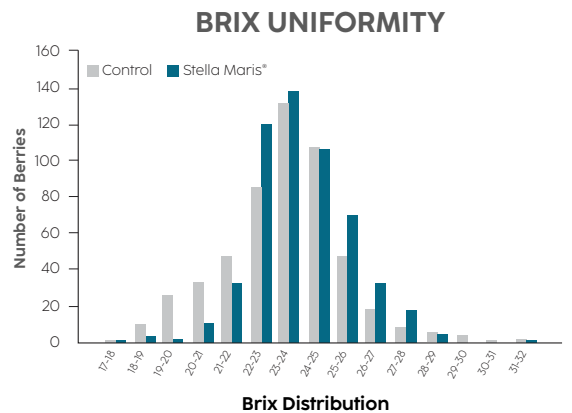


Average of 36 trials: 8.3% increase.

MITIGATES ENVIRONMENTAL STRESSES:

Don't let stress ruin your crop! Stella Maris® helps your crop better resist tough growing conditions by increasing photosynthesis, resulting in improved growth. This improved growth is apparent in grapes treated with Stella Maris®, as they have increased rachis length, allowing for improved airflow and spray penetration into the cluster.

With its numerous bioactive compounds such as mannitol, unique polysaccharides and betaines, Stella Maris® improves plants' tolerance to a variety of stressful growing conditions including drought, heat, chill and salinity stress.

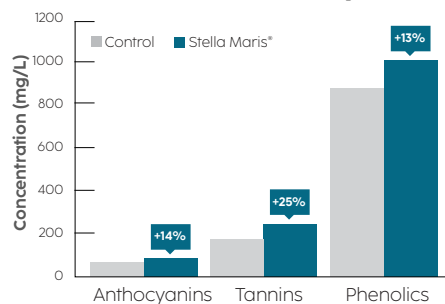


Stella Maris®-treated grapes had more consistent Brix readings, in a range between 22 and 26. The Control had many berries with Brix measurements that were less than 22.

IMPROVES WINE

QUALITY: Stella Maris® can be used to increase yield, while maintaining or increasing wine quality. It increases berry set and reduces crop loss due to stress. Stella Maris® elicits the production of naturally occurring stress compounds, such as anthocyanins, which contribute to quality of the juice for high-quality wine.

PINOT NOIR WINE QUALITY



The wine made from Stella Maris®-treated grapes had higher levels of key quality components such as anthocyanins, tannins and phenolics.

RATES AND TIMINGS

Apply Stella Maris® at 2.5 to 5 litres per hectare at planting or early spring growth; follow by treatments every 7-30 days. Applications can be either foliar or soil.

Additional applications can be made 3-5 days prior to an anticipated plant stress.

Stella Maris® mixes well with nutrients and other agricultural products.



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