



STELLA MARIS

SUGARBEETS

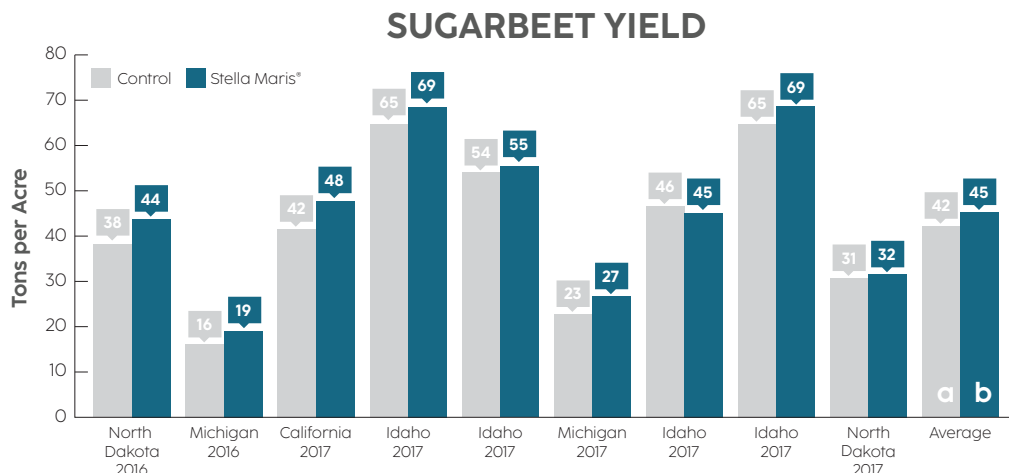
Stella Maris® contains Acadian Plant Health™'s unique technology that helps crops to reach their full yield potential. It enhances crop quality and productivity by enhancing root growth, improving plant nutrition and bolstering tolerance to challenging growing conditions.

BENEFITS

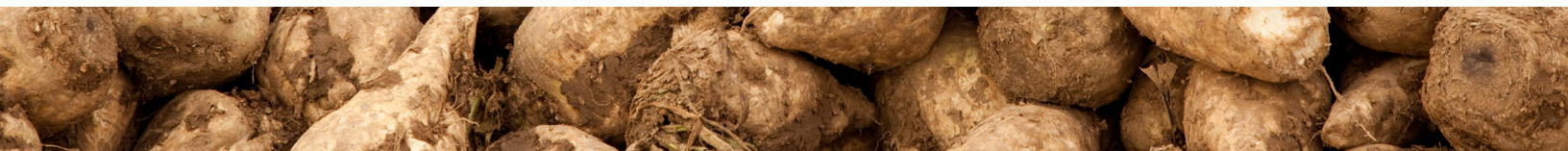
- Enhances rooting
- Improves nutritional uptake
- Mitigates environmental stresses
- Improves overall yield

STELLA MARIS® IMPROVES YIELD AND QUALITY

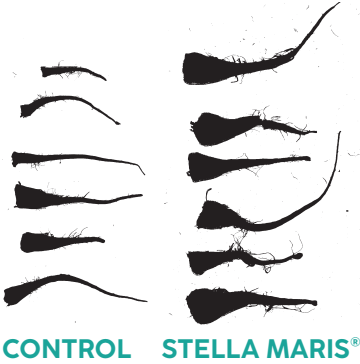
Increase your sugarbeet yields by ensuring optimum root growth, nutrition and stress management. You will see faster growth, greater yields and better quality sugarbeets.



Using Stella Maris® resulted in significant yield increases across multiple geographies with an average increase of 3 tons per acre. At US \$73.00 per ton, this increase is worth US \$219.00. (T-Test, p=.003)



HOW DOES STELLA MARIS® BENEFIT SUGARBEETS?

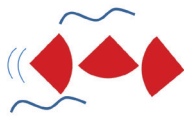


ENHANCES ROOTING: Maximizing crop yield and quality begins with a healthy root system. Stella Maris® sets the stage for strong sugarbeet yields, pushing a strong root system even in challenging early-spring conditions.

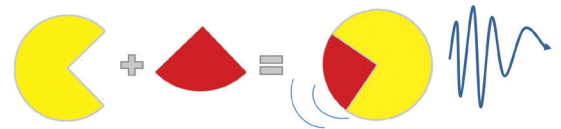
It contains unique bioactive compounds such as fucose-rich sulphated polysaccharides and alginates, which stimulate root initiation and enhance the formation of small absorptive roots. This leads to improved plant establishment and uptake of water and nutrients.

Pictures of sugarbeet roots taken by a WinRhizo® scanner three weeks after emergence. The roots of plants treated with Stella Maris® were visibly larger.

IMPROVES NUTRITIONAL UPTAKE: Power up your crops' nutrient uptake by incorporating Acadian in your sugarbeet program. Better nutrition translates to better growth for outstanding yields and top quality sugarbeets. Plants with healthier root systems absorb more water and nutrients from the soil, resulting in a stronger, more productive crop. In addition, Stella Maris® contains natural complexing sugars that bind to micronutrients, improving their translocation and bioavailability within the plant.



By themselves, nutrients can get stuck and tied up.



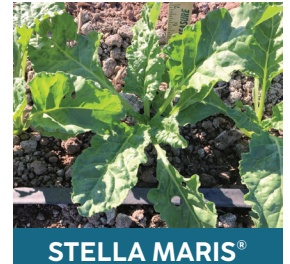
A complexing sugar surrounds the nutrient and can easily carry it to where it is needed.

MITIGATES ENVIRONMENTAL STRESSES:

Sugarbeets' long season makes them inherently open to environmental stresses. Acadian improves plants' growth, making them stronger and better able to tolerate challenging growing conditions. With its numerous bioactive compounds such as mannitol, unique polysaccharides and betaines, Acadian improves plants' tolerance to a variety of stressful growing conditions including drought, heat, chill and salinity stress.



CONTROL



STELLA MARIS®

Stella Maris® improves growth and vigor of sugarbeets grown under heat stress conditions.

IMPROVES OVERALL YIELD:

Give your crops the power to resist even the toughest environmental stresses, grow faster, better and stronger for improved yield.

RATES AND TIMINGS

- Apply Stella Maris® at 2.5 – 5 litres per hectare at the following timings:
- 1st application: soil applied treatment at planting
 - Repeat: soil or foliar applications every 14-21 days until harvest
- Additional applications can be made prior to an anticipated plant stress.

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



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