



# STELLA MARIS

## FRUITING VEGETABLES

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 nutritional health and bolstering tolerance to challenging growing conditions.

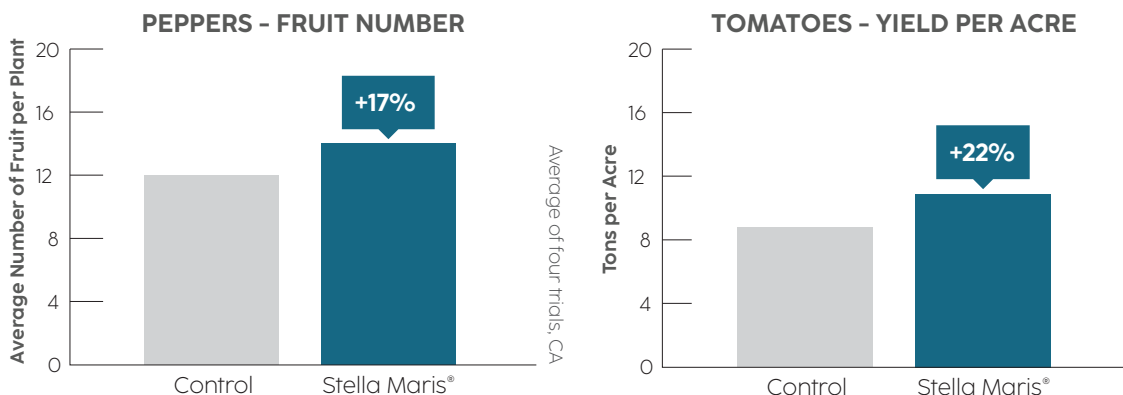
### BENEFITS

- Enhances rooting
- Increases nutrient uptake
- Mitigates environmental stresses
- Improves overall yield

## STELLA MARIS® IMPROVES YIELD AND QUALITY

Increase your fruiting vegetable yields with optimum root growth, nutrition and stress management. You will see faster growth, greater yields and better quality vegetables.

### MARKETABLE YIELD

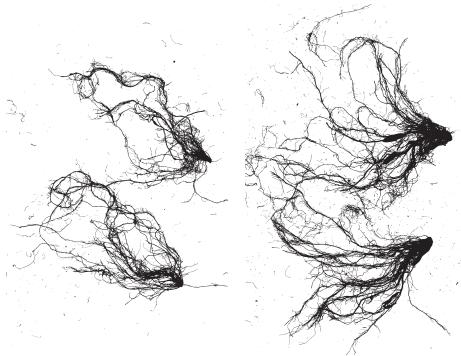


Stella Maris® increases fruit number and size leading to an increase in total marketable yield.

Virginia Polytechnic Institute, VA



# HOW DOES STELLA MARIS® BENEFIT FRUITING VEGETABLES?



**CONTROL**      **STELLA MARIS®**

Tomato Roots

**ENHANCES ROOTING** Adding Stella Maris® at planting gets pepper and tomato transplants off to a strong and healthy start.

Maximizing crop yield and quality begins with a healthy root system. Stella Maris® contains unique bioactive compounds such as fucose-rich sulphated polysaccharides and alginates, which increase root initiation and enhance the formation of small absorptive roots. This leads to improved plant establishment and uptake of water and nutrients.

**INCREASES NUTRIENT UPTAKE** Good nutrition is key to quality tomato and pepper production. Stella Maris® helps your crop take up more key nutrients such as nitrogen and calcium. Plants with healthier root systems can absorb more water and nutrients from the soil, resulting in a stronger, more productive crop. In addition, Stella Maris® contains natural complexing sugars, which bind to micronutrients, thereby improving the bioavailability and translocation of nutrients within the plant.



**CONTROL**      **STELLA MARIS®**

Tomato Transplants

Note the improved development of Stella Maris®-treated plants likely due to increased root growth and nutrient uptake.

**Stella Maris® on Salinity Stressed Peppers.**

Root length improved 75% over Control.



**CONTROL**      **STELLA MARIS®**

## MITIGATES ENVIRONMENTAL STRESSES

Stress threatens crop quality with salt damage, sunburn, misshapen fruit and susceptibility to blossom end rot. 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.

**IMPROVES OVERALL YIELD** Achieve your best fruiting vegetable yields ever when you apply Stella Maris® – give your crops the power to resist even the toughest environmental stresses and grow faster, better and stronger.

## RATES AND TIMINGS

- Apply Stella Maris® at 2.5 – 5 litres per hectare at transplant, pre-bloom and early fruit set.
- Additional applications can be made at times of stress.
- Repeat applications after each picking for continued quality production.

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



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