



STRAWBERRIES

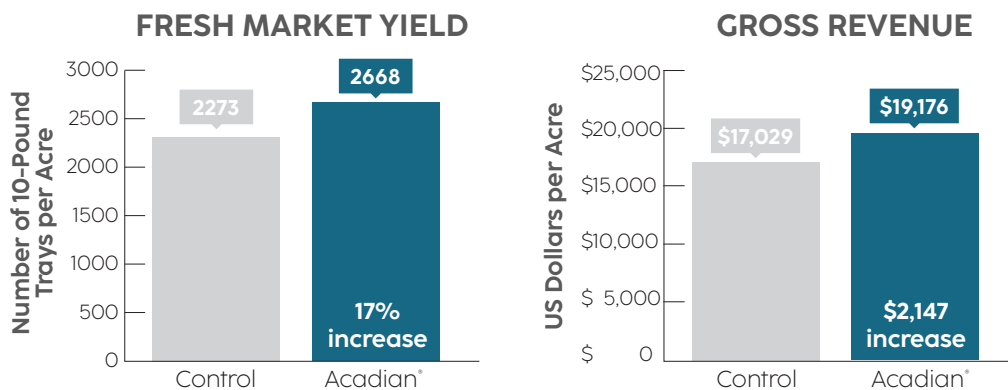
Acadian® contains a complex mix of synergistic bioactive compounds that allow plants to reach their full yield potential. It improves plant quality and productivity by enhancing root growth, improving overall plant nutrition and bolstering tolerance to challenging growing conditions.

BENEFITS

- Improves rooting
- Increases crown division
- Mitigates environmental stresses
- Improves yield quality and quantity

ACADIAN® IMPROVES YIELD AND QUALITY

Acadian® allows your crop to make the most of the nutritional program by promoting robust root growth. This results in more marketable fruit, which is demonstrated not only by higher yield but also increased gross revenue.



AVERAGE OF FIVE TRIALS, California, United States

Acadian® promotes a better crop from planting to harvest. Over a series of five different trials, Acadian® increased the total number of trays harvested per acre by 17%. Based on the market price on the day picked, it increased gross revenue per acre by US \$2,147.



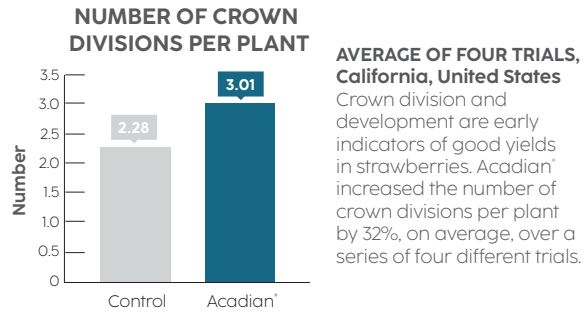
HOW DOES ACADIAN® BENEFIT STRAWBERRIES?

IMPROVES ROOTING Acadian® contains beneficial compounds such as fucose-rich sulphated polysaccharides and alginates, which enhance formation of small absorptive roots, root tips and total root surface area.



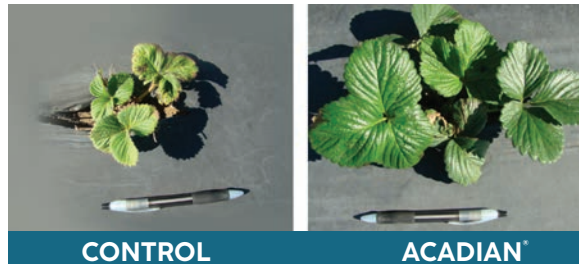
Plants on the bottom row were treated with Acadian® at 2 qt/A through drip irrigation every two weeks. The Acadian®-treated plants had larger and healthier root systems. In particular, they had more small absorptive roots.

INCREASES CROWN DIVISION Healthier root systems improve the uptake of nutrients and water, leading to stronger plants and improved crown division.



In the trial featured in the photo (left), Acadian®-treated plants were better developed and had stronger early vigor than the Control plants. Plants with strong early vigor have better yield potential.

MITIGATES ENVIRONMENTAL STRESSES Betaines have been shown to help plants adjust their water and salinity levels. When high salt levels are present in the soil, betaines and other osmotic substances found in Acadian® help plants sequester excessive salts in non-leaf tissues, allowing for healthier transpiration and photosynthesis for consistent growth and better berry set and sizing.



In this trial, soil salinity was 5.22 mmhos/cm while the ideal range is 0 - 2.00 mmhos/cm. Three evaluations throughout the trial showed that Acadian®-treated strawberry plants had less sodium present in leaf tissues than Control plants growing in the same saline conditions.

This suggests that Acadian® prevents salt from moving into the leaves, where it can cause damage. In the same trial, Acadian®-treated plants yielded 19% more trays per acre compared to the Control. As shown in the photos, Acadian® plants grew more vigorously and showed fewer symptoms of salt burn.

IMPROVES YIELD QUALITY AND QUANTITY

Strawberry plants that grow strong, full root systems take up more key nutrients and resist stress better. This allows for more crown development, maximized fruit set and improved yields.

RATES AND TIMINGS

FIELD

Apply Acadian® at **32 to 96 oz per acre:**

- **Pre-plant:** 0.1 – 0.7% solution
- **Repeat:** soil applications every 14 days until harvest is complete

HYDROPONIC

Apply Acadian® at **0.45 to 0.9 ounces per 100 gallons of water:**

- In substrate culture systems, apply continuously with each fertigation cycle. In closed systems, reapply every 7-14 days.

Acadian® mixes well with nutrients and other agricultural products.



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