



Acadian™

The Gold Standard in Biostimulants

Acadian is a premium *Ascophyllum nodosum* biostimulant produced through a proprietary alkaline extraction process that preserves and concentrates key bioactive compounds.

The result is a pure, fully soluble, and highly consistent formulation with 3+ years of shelf stability—delivering stronger abiotic stress resilience, improved nutrient use efficiency, and higher quality yields season after season.

Acadian provides consistent, reliable performance for strawberry growers by delivering three critical advantages that directly impact your investment:

Powerful

It strengthens stress tolerance, improves nutrient uptake, and supports stronger root development—driving healthier growth and contributing to higher yield potential even under challenging conditions.



Versatile

It integrates seamlessly into any production program with broad tankmix compatibility, supports soil health and microbial activity, and offers a sustainable solution suitable for both conventional and organic systems.



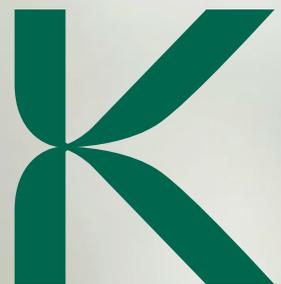
Consistent

It delivers dependable performance thanks to its pure *Ascophyllum nodosum* extract and a proprietary alkaline process that ensures high bioactive content, full solubility, and a stable 3+year shelf life without settling or clogging.



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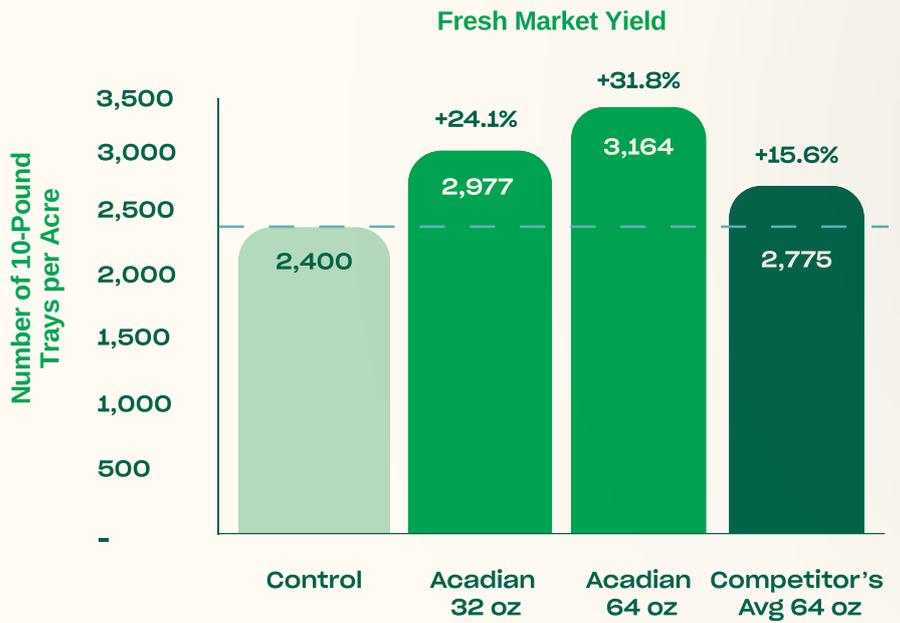


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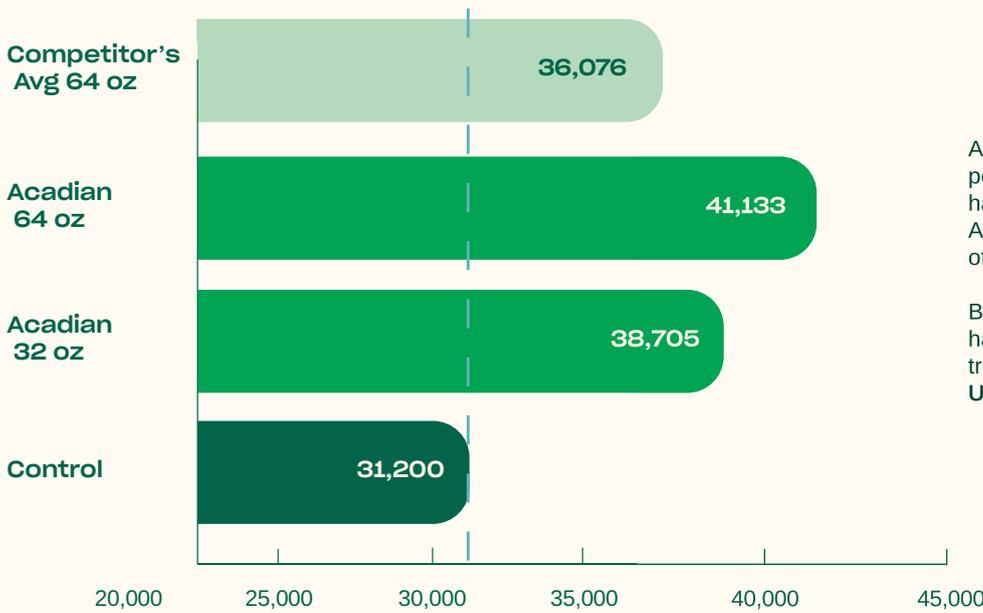
Proven Marketable Yield Advantage

Recent California field trials showed that Acadian at 32 oz/acre consistently matches or outperforms competing seaweed products applied at 64 oz/acre. Across trials, Acadian delivered higher marketable yields, boosting production by 24.1% over the control, compared with 15.6% from competing treatments.

These results demonstrate that Acadian, at the lower 32 oz/acre rate, provides strawberry growers with a stronger, more reliable increase in productivity per acre.



Gross Revenue (\$/Acre)



Acadian supports stronger crop performance from planting through harvest. Across independent trials, Acadian increased the total number of trays harvested per acre by 24%.

Based on prevailing market prices at harvest (\$13 per 10 pound tray), this translated into an additional US\$7,505 in gross revenue per acre.



Why Growers Choose Acadian

Acadian delivers a concentrated profile of bioactive compounds that unlock the crop's full yield potential. It builds stronger, more productive strawberry plants by stimulating root growth, increasing nutrient uptake, and strengthening tolerance to challenging growing conditions.

Problem–Solution Fit

Problem Faced	Solution / Benefit	Why It matters
Poor seedling vigor	Boosts root development & early growth	Enables faster establishment and produces stronger, more resilient plants
Nutrient deficiency	Improves nutrient uptake and use through natural chelators and a larger root system	Ensures plants access essential nutrients for optimal growth, reducing deficiencies that limit development
Heat, water & salinity stress	Increases water-use efficiency and root development; reduces sodium and chloride damage	Minimizes stress impacts during drought or saline soil conditions, protecting plant performance
Low fruit set	Stimulates flowering and fruit set	Increases yield potential
Poor fruit quality (size, flavor)	Enhances nutrient uptake and use, boosts Brix	Improves overall yield quality and fruit attributes

Rates and Application Timings

Field Applications

Apply 32 to 64 fl oz per acre (label rate: 32 to 96 fl oz):

Preplant: Apply a 0.1–0.7% solution.

Repeat: Apply to soil every 14 days until harvest is complete.



Hydroponic Applications

Apply 0.45 to 0.9 oz 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.



Results may vary by variety, environment, and management. Always follow label directions.

Contact & Support

For program recommendations, trial data, and local support, contact your regional representative or visit koppertus.com



koppertus.com