



CALIFORNIA CITRUS

Acadian® is a unique technology containing a complex mix of synergistic bioactive compounds that allows crops to reach their full yield potential. Acadian® enhances crop quality and productivity by enhancing root growth, improving overall plant nutrition and bolstering tolerance to challenging growing conditions.

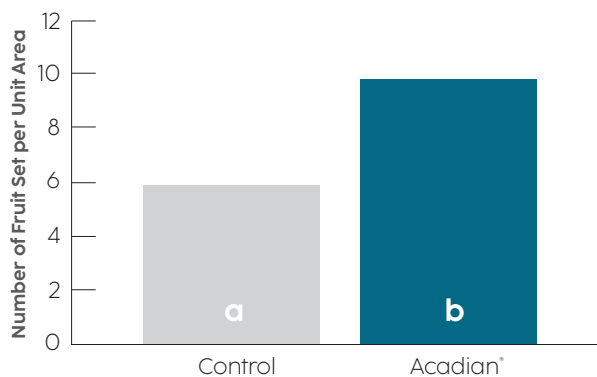
BENEFITS TO CITRUS

- Improves nutrient uptake
- Mitigates environmental stresses
- Improves overall yield and quality

ACADIAN® IMPROVES YIELD AND QUALITY

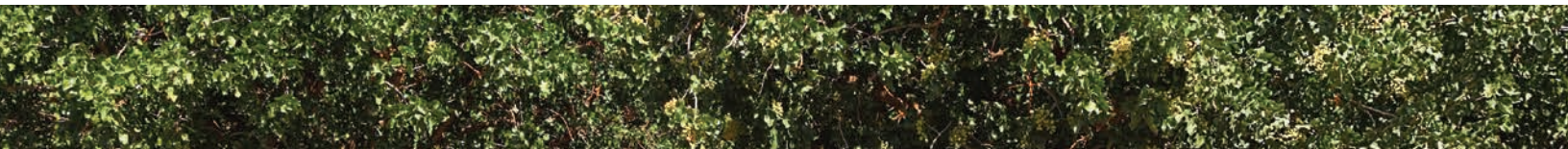
Acadian® gives your crop strong early growth, good nutrition and the ability to tolerate even the most challenging growing conditions. In addition, it works at a cellular level by improving the nutritional status of your crop, leading to higher yields.

MANDARIN FRUIT SET UNDER HEAT STRESS



Acadian®-treated trees had significantly more fruit set compared to the standard grower program (Control).

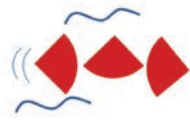
Means followed by same letter do not significantly differ (P=0.01, LSD)



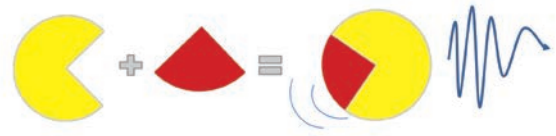
HOW DOES ACADIAN® BENEFIT CITRUS?

IMPROVES NUTRIENT UPTAKE

Acadian® contains natural complexing sugars which bind to micronutrients, thereby improving the bioavailability and translocation of nutrients within the plant.



By themselves, nutrients can get stuck and tied up.



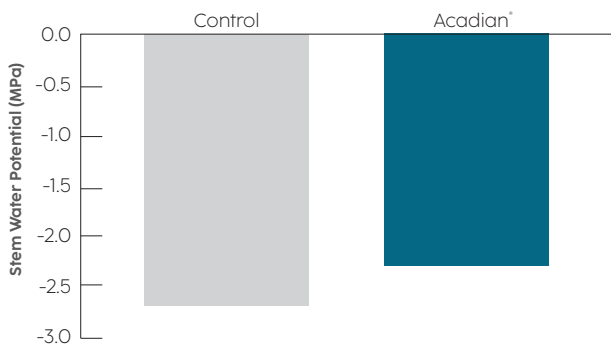
A complexing sugar surrounds the nutrient and can easily carry it to where it is needed.

MITIGATES ENVIRONMENTAL STRESSES

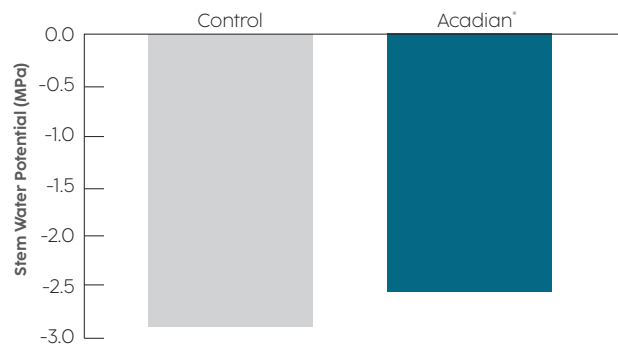
Don't let stress decrease your set! Stress threatens your crops with poor quality and lower yields. Acadian® helps your crop better resist common stressors such as summer heat and drought by improving trees' tolerance to tough growing conditions – resulting in less fruit drop and large fruit.

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

STEM WATER POTENTIAL CARIZZO ROOT STOCK



STEM WATER POTENTIAL SWINGLE ROOT STOCK



Eight weeks after imposed drought stress, Acadian®-treated citrus trees had a less negative stem water potential, indicating improved water status and resistance to drought stress.

IMPROVES OVERALL YIELD AND QUALITY

Step up your citrus yields with optimum nutritional uptake and stress management. You'll see faster growth, greater yields and better quality fruit.

RATES AND TIMINGS

Apply Acadian® at **32 to 96 ounces** per acre the following timings:

- **1st application:** start of growth in the spring (feather growth)
- **2nd application:** 2 weeks pre-bloom
- **3rd application:** petal fall
- **Repeat:** every 2-4 weeks during summer
- **Fall:** apply with gibberellin sprays in mid and late season varieties
- **Post-harvest application:** 2-4 weeks after harvest

Acadian® mixes well with nutrients and other agricultural products.



ACADIAN™
PLANT HEALTH
SEA BEYOND

Toll Free: 1 800 575 9100 • Tel: +1 902 468 2840
info@acadian.ca • WeSeaBeyond.com
30 Brown Avenue, Dartmouth
Nova Scotia, Canada, B3B 1X8