



## ALMONDS

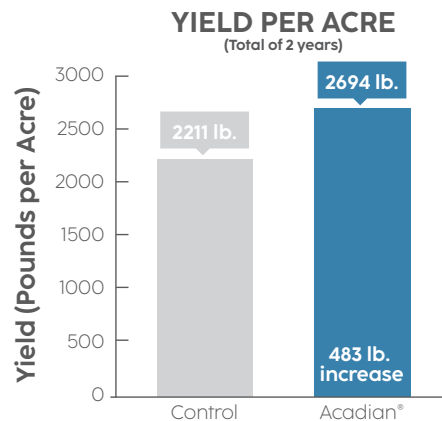
Created using our unique technology, Acadian® contains a complex mix of synergistic bioactive compounds that allow crops to reach their full yield potential. It improves crop quality and productivity by enhancing root growth, improving nutritional health and bolstering tolerance to challenging growing conditions.

### BENEFITS TO ALMONDS

- Improves nutritional 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 the most challenging growing conditions. In addition, it works at a cellular level by improving the nutritional status of your crop, leading to high yields.



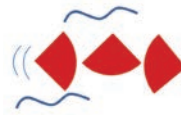
Trials on the same trees over two consecutive years demonstrate that Acadian® significantly improves yield of almonds.



# HOW DOES ACADIAN® BENEFIT ALMONDS?

## IMPROVES NUTRITIONAL UPTAKE:

Acadian® enhances the uptake of key nutrients such as zinc, iron and boron, so your trees get the most out of your fertility program and sustain strong growth through the season for maximum yields. Acadian® contains natural chelators which bind to micronutrients, thereby improving the bioavailability and translocation of nutrients within the tree. Build better trees with the energy to set more nuts.

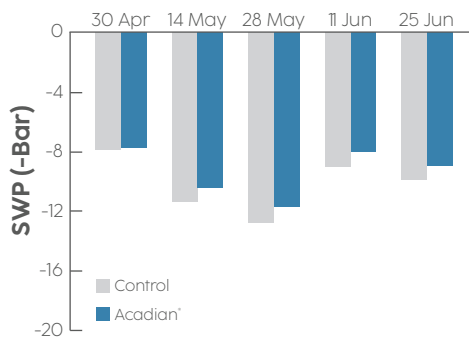


By themselves, nutrients can get stuck and tied up.



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

## STEM WATER POTENTIAL UNDER SUMMER HEAT STRESS



Acadian®-treated almond trees had a lower stem water potential during summer stress, indicating improved water status and resistance to drought stress.

## MITIGATES ENVIRONMENTAL STRESSES:

Don't let stress decrease your set! Mid-season applications of Acadian® prime your trees to defend themselves against environmental stresses, helping them withstand even the toughest summer conditions and maintain bud number and quality. It helps trees focus their energy on reaching their maximum quality potential – to set more nuts and yield more.

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.

## ACADIAN IMPROVES YIELD AND QUALITY:

Increase your almond yields by driving strong early growth, nutrition uptake and stress management with Acadian®. You will see the results of Acadian®'s working at the cellular level in better set and higher yields.

## RATES AND TIMINGS

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

- **1st application:** pink bud
- **2nd application:** petal fall
- **3rd application:** before summer heat stress (late May, early June)
- **Repeat:** every 2-4 weeks during summer months
- **Post-harvest application:** 2-4 weeks after harvest



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