

# 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 cannabis 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

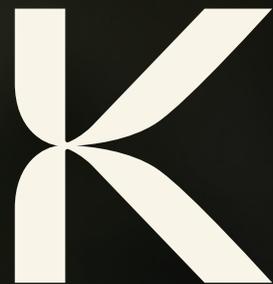
It integrates seamlessly into any production program with broad tankmix compatibility, supports soil health and microbial activity, and offers a sustainable solution suitable for both conventional and organic systems.

### 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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**Acadian** is not just a biostimulant; it's the gold standard to support growers to a smarter, more productive ROI



## Problem–Solution Fit

Problem Faced	Solution / Benefit	Why It matters
Transplant stress	Faster recovery from transplant shock by supporting osmotic regulation	Vigorous crop development
Poor early crop vigor	Boost root development	Strong roots means better nutrient & water uptake, stimulates faster root initiation and development
Nutrient deficiencies	Improves nutrient availability, utilization & uptake through chelation and enhanced root growth	Improved nutrient use efficiency optimizes resources & boosts yield
Heat, drought, cold snaps, and salt stress	Enhanced abiotic stress tolerance by stomatal regulation and cell membrane stability during stress	Helps crops maintain normal growth during stress conditions, which can positively influence yield
Uneven flowering and limited crop performance	Supports uniform flowering and improved bud development	Enhances flower quality and production consistency

## Rates and Application Timings

**Inject .45 TO 0.90 OUNCES PER 100 GAL. WATER**

Apply continuously with each fertigation cycle.

In closed systems, reapply every 7-14 days.

*Acadian mixes well with nutrients and other agricultural products.*



## Product details

**Formulation:** Soluble Potash (K<sub>2</sub>O) 5.0%  
Derived from seaweed extract (*Ascophyllum nodosum*) and potassium hydroxide.

### Contact & Support

For program recommendations, trial data, and local support, contact your regional representative or visit [koppertus.com](http://koppertus.com)



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

**koppertus.com**