



PhylloKare™

The New Standard in Biostimulants

PhylloKare is a premium *Ascophyllum nodosum* biostimulant produced through a proprietary alkaline extraction process that preserves and concentrates key bioactive compounds, making it highly suitable for hydroponic cultivation. The result is a pure, fully soluble, and highly consistent formulation with 3+ years of shelf stability—ideal for nutrient solutions—delivering enhanced abiotic stress resilience, improved nutrient uptake efficiency, and consistently higher quality yields in hydroponic production.

PhylloKare provides consistent, reliable performance for hydroponic crop 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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PhylloKare 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
Low fruit set & poor quality	Improves flowering and fruit set	Increased marketable yield

Rates and Application Timings

0.45 TO 0.90 FL OZ PER 100 GAL. WATER

In substrate culture systems, apply continuously with each fertigation cycle.

In closed systems, reapply every 7-14 days.

PhylloKare mixes well with nutrients and other agricultural products.



Product details

Formulation: Soluble Potash (K₂O) 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



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

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