

The Industry Leader

Superior Seaweed-Based Plant Growth Products for Golf Courses, Agriculture and Landscape

THE OCEAN ORGANICS DIFFERENCE

At Ocean Organics, we use proprietary and superior processing technologies to make high-performance products from fresh *Ascophyllum nodosum*.

Using innovative, sustainable techniques, Ocean Organics produces seaweed-based products that are richer than others but with fewer solids and inert ingredients. The result: more beneficial ingredients for superior plant health and stress tolerance, and lower viscosity for easy mixing and application.

ROBUST ROOT AND SHOOT GROWTH, BETTER PLANT VIGOR, AND SUPERIOR STRESS TOLERANCE BENEFITS

Our processing maximizes beneficial plant active compounds with multiple modes of action that produce consistent, positive results:

- Superior Stress Tolerance: Heat, Drought, Salinity and Disease
- Increased Crop Yields
- More Vigorous Rooting
- Improved Health, Appearance and Color



Featuring organic seaweed extract:

Guarantee Organic 0-0-1
Guarantee Hi K 0-0-6

For organic agriculture and landscape applications.

Ask for our crop research!

STRESS PROTECTANTS

Under favorable growing conditions, plants produce their own natural compounds for health and survival. Certain of these naturally occurring compounds are vital for plants under stress, but the ability to produce them decreases as heat, drought, salinity and other stress levels increase.

Dr. Erik Ervin's work at Virginia Tech established that our products' natural plant-available compounds can offer additional stress tolerance benefits beyond those delivered by standard nutritional and plant protection programs.

"It's like crop insurance without the paperwork."

UNIVERSITY-TESTED, INDEPENDENTLY PROVEN

For nearly four decades we've focused our research and development efforts on seaweed-based products that, due to their ability to be applied to and taken up by foliage, can add a level of growth, stress tolerance, and overall plant performance.

HIGHLY COMPATIBLE; EXCELLENT FOR FOLIAR USE AS WELL AS DRIP IRRIGATION

Our proprietary processing allows us to make products that are highly compatible with most liquid fertilizer components. Our naturally derived compounds can be readily incorporated into liquid and foliar fertilizers and delivered easily through irrigation systems.

WHAT ARE THE DIFFERENCES IN LIQUID SEAWEED PRODUCTS?

Different manufacturers make seaweed products in different ways. They use different seaweeds, add different additives at different pH's, use various extraction agents and evaporate to different concentrations using different temperatures. Some dehydrate their extracts to make soluble powder or provide a reconstituted product. Though dehydration is recognized as damaging to some of the natural compounds, it significantly reduces transportation

expenses — it's done for economic, not agronomic reasons.

Traditional approaches to evaluate liquid seaweed products include bioassays, measurement of dissolved and suspended solids, field trials, yield comparisons, and scientific procedures such as chromatography. No single method or combination of methods has been accepted by the scientific community as the "right" way to evaluate these natural products. In fact, there is no universal

definition of "seaweed extract," no universal explanation of how seaweed products "work" or how to compare their relative potency.

SO HOW DO YOU KNOW WHICH IS BEST?

Count on the company who uses independent research to prove superior performance.

For more than 40 years, Ocean Organics products have been independently tested at more than 25 universities, a dozen private research labs, and in scores of field trials.

Ask for the research.

Whether for agriculture, golf courses, greenhouses, hydroponics or landscape, you can count on Ocean Organics for reliable, innovative, sustainable products that deliver excellent results.



Intensively-maintained golf course turfgrasses are arguably the most highly-stressed plants on the planet. Golf course greens are subjected to all the environmental stresses that affect every plant and they are also walked on, rolled over, aerified, topdressed, and mowed daily down to 1/8th and sometimes 1/10th of an inch. So it's not surprising that the industry standards for performance-enhancing, physiological fitness products for high visibility golf course turf contain seaweed-based materials manufactured by Ocean Organics Corporation.

Our research shows consistent, positive results using a variety of performance parameters, including:

Quality, Yield, Fruit Set, Stress Tolerance and Disease Resistance

<i>Acorn Squash</i>	<i>Blueberries</i>	<i>Cucumbers</i>	<i>Soy Beans</i>
<i>Alfalfa</i>	<i>Butternut Squash</i>	<i>Wine & Table Grapes</i>	<i>Squash & Melon</i>
<i>Almonds</i>	<i>Celery</i>	<i>Green & Lima Beans</i>	<i>Strawberries</i>
<i>Apples</i>	<i>Citrus</i>	<i>Mandarins</i>	<i>Tomatoes</i>
<i>Avocados</i>	<i>Corn</i>	<i>Potatoes</i>	<i>Turf</i>
<i>Bell Peppers</i>	<i>Cotton</i>	<i>Raspberries</i>	<i>Zucchini</i>

Distributed by



Ocean Organics is a manufacturer of high performance, scientifically proven seaweed-based plant growth materials and granular fertilizers. Our state-of-the-art products contain distinctive and proprietary constituents. Founded in 1977 as Emerald Isle, Ltd., we have consistently developed unique materials to meet specific growing needs.

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MADE IN THE USA



Ocean Organics®

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