



Bio-Sea

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Foliar-Pak® Bio-Sea is an *Ascophyllum nodosum* liquid seaweed extract harvested from the coast of Norway. The cold process extraction method used in this unique product preserves the integrity of the natural ingredients, amino acids, organic acids, sugars and plant hormones.

PRODUCT DESCRIPTION/ BENEFITS

- Bio-Sea is more effective because the plant derived ingredients are more structurally complete, therefore, they remain more bio-active than other fertilizers.
- Natural betaines and organic acids regulate at the cellular level to ensure the plant is protected from stress.
- The pure unadulterated cytokinin population supplies turf with a rich source of this plant hormone. Cytokinins stimulate cell division, enhance photosynthesis and delay chlorophyll breakdown.
- The natural levels of auxins and other hormones allow plants to maximize use of all the ingredients supplied by Foliar-Pak® Bio-Sea. The plant uses these hormones for balanced growth and plant activity when the plant is under severe stress. The natural auxin concentration stimulates better root production through improved root initiation.

GUARANTEED ANALYSIS

Total Nitrogen (N).....	1.0%
1.0% Nitrate Nitrogen (N)	
Magnesium (Mg)	0.5%
0.5% Water Soluble Magnesium (Mg)	
Boron (B)	0.02%
Iron (Fe)	0.1%
0.1% Water Soluble Iron (Fe)	

Derived from: magnesium nitrate, boric acid, ferrous sulfate

NON PLANT FOOD INGREDIENTS

Cold Process Seaweed.....12.0%

Derived from: *Ascophyllum nodosum*

GENERAL USE GUIDE

This product is tank mix compatible with most products. A compatibility test should be performed prior to use. Shake product prior to use. Maintain agitation during mixing and application.

Golf Course Greens	Apply 1.5 to 4.0 fl oz per 1,000 sq ft in enough water to provide sufficient foliar coverage. Repeat application every 7 to 14 days. May be combined with liquid fertilizers, other bio-stimulants, and surfactants
Fairways, Tees And Athletic Turf	Apply 1/2 to 1 gal per acre in enough water to provide sufficient foliar coverage. Repeat every 2 to 4 weeks. Recovery and Grow-In: Apply 1.5 to 3 fl oz per 1,000 sq ft every 7 days or 3.0 to 6.0 fl oz per 1,000 sq ft every 14 days.
Shrubs and Ornamentals	Drench with 1.0 to 2.0 fl oz per gal of water at transplant or throughout the growing season. Repeat drench every 14 to 28 days. Foliar applications can be made with 1.0 to 2.0 fl oz per gal of water every 14 to 28 days.

ANALYSIS:

Carbohydrates:	Vitamin Analysis	Trace Elemental Analysis:	Amino Acids:
Mannitol	Vitamin A Retinol	Calcium as Ca	Alanine
Alginate Acid	Vitamin B1	Chloride as Cl	Arginine
Methylpentosans	Vitamin B2	Fluorine as F	Cystine
Fucoidin	Vitamin B3	Iron as Fe	Glycine
Phenol/Polyphenols	Vitamin 6	Iodine as I	Proline
	Vitamin B12	Potassium as K	Serine
	Vitamin C	Magnesium as Mg	Taurine
Plant Hormones:	Vitamin D	Manganese as Mn	Thiamine
Betaines	Vitamin E	Nitrogen as N	Tyrosine
Gibberillins	Vitamin K	Phosphorus as P	
Auxins		Sulfur as S	
Cytokins			

PRODUCT INFORMATION:

Weight per Gallon: 9.07 lbs
pH: 3.7

Foliar-Pak® Bio-Sea is intended as a supplement to a regular fertilization program and may not by itself provide all the nutrients normally required by plants

NOTICE: ENP Investments LLC warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. ENP Investments LLC will not be responsible for incidental or consequential damage resulting from the use of this product contrary to instructions or under abnormal conditions or under conditions not reasonably foreseeable to ENP Investments LLC.