

### Product Description:

SeaBurst™ is a concentrated liquid extract of cold water seaweed (*Ascophyllum nodosum*) designed for use on all crops, including row crops, vegetables, fruits and turf. SeaBurst™ can be applied to the foliage, soil or as a nutrient solution by drip irrigation. SeaBurst™ is listed by Ecocert for use in organic production and complies with the National Standard of Canada on Organic Production Systems.

Total Soluble Solids (w/v):	<b>23%</b>	Color:	<b>Dark brown</b>
Solubility in water (20 °C):	<b>Complete</b>	Density:	<b>1.1 g/cm³</b>
Physical State:	<b>Liquid</b>	pH:	<b>Neutral (7.2 - 7.8)</b>

### Features:

- Improves root development
- Improves blooming and fruit set
- Improve stress resistance
- Improves crop quality and profitability

### Directions For Use:

- Ingredient in or tank-mixed with liquid fertilizer and crop inputs
- Recommended application rate is 1.2 L/acre (42.2 oz/ac.) for all crops
- Dilute in a sufficient volume of water 80 to 200 L/ac. (21 to 50 gal/ac.)
- Application timing for corn/soy/cereals: At VT - R1 stage
- Application timing for fruits/vegetables: 3 to 4 foliar applications during the season, ideally at transplant, pre-bloom, full bloom, and during stress periods
- Application timing for turf: Every 7 to 14 days from spring to fall

### Seaweed Harvest:

Brown seaweed (*Ascophyllum nodosum*) is harvested in the cold and pure waters in Quebec, Canada. This seaweed is subjected to tide cycle and exposed daily to severe environmental stresses including salinity, drought, and extreme temperature variations. The seaweed is well adapted to grow in these rough conditions, giving the plants a unique spectrum of biochemical compositions that support and improve abiotic stress tolerance.

Total Nitrogen (N)	0.1%
Total P (as P <sub>2</sub> O <sub>5</sub> )	0.04%
Total K (as K <sub>2</sub> O)	5.0%
Sulfur	0.3%
Sodium	0.6%
Calcium	0.15%
Magnesium	0.06%
Chlorides	0.8%
Boron	25 mg/kg
Zinc	5 mg/kg
Iron	15 mg/kg
Manganese	5 mg/kg
Alginate acid	0.5%
Amino acids	1.0%
Auxins	170 ng/g
Beta-glucans	0.5%
Betaines	100 ppm
Cytokinins	3 ng/g
Mannitol	1.0%
Mono and dicarboxylic acids	4.8%
Oligo-fucoidans	1.8%
Polyphenols	0.9%
Saponified fat	0.5%



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