

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):	23%	Color:	Dark brown
Solubility in water (20 °C):	Complete	Density:	1.1 g/cm³
Physical State:	Liquid	pH:	Neutral (7.2 - 7.8)

Total Nitrogen (N)	0.1%
Total P (as P ₂ O ₅)	0.04%
Total K (as K ₂ 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
Alginic 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%

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.



Certified Organic.



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SeaBurst™ Application Recommendations

Crop	Application Stages
Corn	Just prior to tasseling (VT stage) (tank mix with a fungicide or alone)
Soybean	At flowering (R2-R3 stage) (tank mixed with a fungicide or alone)
Cereals	At heading
Potato	1) Seed treatment in furrow 2) At tuber initiation 3) 10-14 days after 2nd treatment 4) 10-14 days after 3rd treatment
Pasture Grasses	Apply monthly during 4 months
Leafy Vegetables	1) At 4 leaf stage 2) 10-14 days after 1st treatment 3) 10-14 days after 2nd treatment
Rice	1) At panicle initiation 2) At early flowering Optional: At 2-5 leaf stage

Crop	Application Stages
Apple	1) At pink bud 2) At pre-bloom 3) At petal fall 4) At fruit set 5) Every 14 days until harvest
Berries (strawberry, blueberry, raspberry)	1) At vegetative growth start 2) At pre-bloom 3) At petal fall 4) 14-21 days after 3rd treatment
Cucurbits (cucumber, pumpkin, melon)	1) At 4 leaf stage 2) At pre-bloom 3) Every 10-14 days until harvest
Cruciferous (broccoli, cabbage, cauliflower)	1) At 4-6 leaf stage 2) 10-14 days after 1st treatment 3) At head initiation
Grapes	1) First stages of shoot growth 2) Pre-bloom 3) Fruit set 4) Every 14-28 days until harvest
Citrus	1) At pre-bloom 2) At petal fall 3) 21 days after 2nd treatment 4) 21 days after 3rd treatment
Beans, Peas	1) At 3 trifoliolate leaf stage 2) At pre-bloom 3) 10-14 days 2nd treatment