

ASCO-SLE

LIQUID SEAWEED EXTRACT

DESCRIPTION

ASCO-SLE is a concentrated liquid extract of cold water brown seaweed *Ascophyllum nodosum*. ASCO-SLE is a biostimulant that improve plant health, stress tolerance, growth and photosynthetic capacity.

The biostimulating properties and benefits of *Ascophyllum nodosum* extract have been clearly demonstrated by several scientific studies. ASCO-SLE contains several active compounds in natural balanced proportion:

- Growth regulators (cytokinins and betaines)
- Short-chain carbohydrates elicitors (β -glucans, oligo-alginates)
- Chelating agents (mannitol and oligo-alginates)

ASCO-SLE is completely water soluble (no insoluble particle) and suitable for use in foliar and irrigation water applications (hydroponic, dripping). Complete solubility of active compounds enhances plant uptake and product efficiency.

BENEFITS

- Increases root growth
- Increases resistance to drought
- Increases and stabilizes chlorophyll level in plants
- Increases antioxidants production
- Improves germination
- Increases resistance to fungal disease

APPLICATION RATES

Turf

Dilute 30-35 ml of ASCO-SLE in 10 L of water. Mix well to get a uniform solution. Apply at initial growth stage and every 3-4 weeks intervals at 10 L of diluted solution / 100 m². Make additional applications after periods of stress or heavy use, to newly applied sod, and as a late season spray. Apply as a fine mist at low pressure until foliage is wet. Apply in the morning or late evening. Do not apply when rain is expected or irrigation is planned.

Fruits, vegetables & ornamentals (foliar application)

Dilute ASCO-SLE in water, mix well to get a uniform solution and apply to the foliage. Use 3 L / ha in 500-2000 L of water depending on equipment type and size of crop.

Fruits, vegetables & ornamentals (irrigation water application)

Dilute ASCO-SLE in two parts of water (5 L extract / 10 L water) and mix well to get a uniform solution. Inject this pre-diluted solution into the irrigation system. Calibrate injectors and nozzles to obtain a uniform rate into irrigation water. Use 3-3,5 L of ASCO-SLE / ha.

ORGANIC AGRICULTURE

ORGANICOCEAN ASCO-SLE is listed by the Organic Materials Review Institute (OMRI) for use in organic production in compliance with the USDA National Organic Program (NOP). This product is also approved for organic agriculture by Garantie Bio-Ecocert in compliance with the NOP and the Conseil des Appellations Agroalimentaires du Québec (CAAQ). This product is usable in organic agriculture in compliance with RCE n° 834/2007.

GUARANTEED MINIMUM ANALYSIS

Total nitrogen (N)	0 %
Available phosphoric acid (P ₂ O ₅)	0 %
Soluble potash (K ₂ O)	6 %
Organic matter	10 %
Total soluble solids	20 %

TYPICAL ANALYSIS

Solubility in water	Complete
Boron (B)	25 ppm
Calcium (Ca)	0,15 %
Chlorides (Cl)	0,8 %
Iron (Fe)	30 ppm
Magnesium (Mg)	0,07 %
Manganese (Mn)	5 ppm
Sodium (Na)	0,8 %
Sulfur (S)	0,15 %
Zinc (Zn)	5 ppm

PACKAGING

- 1000 L (polyethylene tank)
- 200 L (polyethylene drum)
- 10 L (polyethylene container)

NOTES

ASCO-SLE should be used as a part of a complete fertilization program that relates to the fertility of the soil. Keep the product in a cool place away from direct sunlight. May be harmful if swallowed. Keep out of reach of children.

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