

# ASCO-SSP

## SOLUBLE SEAWEED POWDER

### DESCRIPTION

ORGANICOCEAN ASCO-SSP is a concentrated extract (soluble powder) of cold water brown seaweed *Ascophyllum nodosum*. ORGANICOCEAN ASCO-SSP 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. ORGANICOCEAN ASCO-SSP contains several active compounds in natural balanced proportion:

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

ORGANICOCEAN ASCO-SSP is completely water soluble (no insoluble particle) and suitable for use in foliar and irrigation water applications (hydroponic, dripping). Solubility is closely related to the absorption potential of the active compounds and to product efficiency.

### BENEFITS

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

### APPLICATION RATES

**Turf:** Dilute 6-7 g of ORGANICOCEAN ASCO-SSP 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 m<sup>2</sup>. 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 ORGANICOCEAN ASCO-SSP in water, mix well to get a uniform solution and apply to the foliage. Use 600 g / ha in 500-2000 L of water depending on equipment type and size of crop.

**Fruits, vegetables & ornamentals (irrigation water application):** Dilute ORGANICOCEAN ASCO-SSP in 10 parts of water (1 kg / 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 600-700 g of ORGANICOCEAN ASCO-SSP / ha.

### MANUFACTURING

ORGANICOCEAN ASCO-SSP is obtained from the drying of the liquid seaweed extract ORGANICOCEAN ASCO-SLE. The liquid extract is listed by the Organic Materials Review Institute (OMRI) for use in organic production in compliance with the USDA National Organic Program (NOP).

### GUARANTEED MINIMUM ANALYSIS

|  |      |
|--|------|
| Total nitrogen (N)   | 0 %  |
| Available phosphoric acid (P <sub>2</sub> O <sub>5</sub> ) | 0 %  |
| Soluble potash (K <sub>2</sub> O)                          | 29 % |
| Organic matter   | 45 % |

### TYPICAL ANALYSIS

|                     |          |
|---------------------|----------|
| Solubility in water | Complete |
| Boron (B)           | 125 ppm  |
| Calcium (Ca)        | 0,8 %    |
| Chlorides (Cl)      | 4 %      |
| Iron (Fe)           | 150 ppm  |
| Magnesium (Mg)      | 0,4 %    |
| Manganese (Mn)      | 25 ppm   |
| Sodium (Na)         | 4 %      |
| Sulfur (S)          | 0,8 %    |
| Zinc (Zn)           | 25 ppm   |

### PACKAGING

100 kg (drum with polyethylene liner)  
10 kg (polyethylene pail).  
2 kg (polyethylene pail)

### NOTES

ORGANICOCEAN ASCO-SSP 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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