



## **SOLUBLE SEAWEED EXTRACT** (fertilizer grade)

### **TECHNICAL SHEET**

Our *Soluble Seaweed Extract* is derived from fresh seaweed (alga), *ascophyllum nodosum* that is natural, non-toxic, harmless and non-polluting rich in micro elements and has no synthetic hormones making it ideal for organic agriculture. *Soluble Seaweed Extract* contains natural alginic acids and protein amino acids. It also provides nutrients in an immediate form available to plants during the rooting and fruiting stages. The mannitol in our seaweed further enables nutrient absorption already in the soil. Carbohydrates in *Soluble Seaweed Extract* break down easily, nourishing soil-dwelling bacteria that repair nitrogen and make it available for plant roots.

**APPEARANCE:** dark brown/black powder, flake.

**PACKAGING:** 50 lbs. bags/boxes or 1,650 lbs. super sacks

#### **Uses**

Suitable for all crops and applications including field crops, potting soil, vegetable and flower gardens, orchards and turf grass.

#### **Advantages**

**Greater nutritional value:** Rapidly complements nutrients and improves the quality of product;

**Better root systems:** Promotes the development of roots;

**Healthier foliage and fruit appearance:** Thickens, enlarges and balances the leaf growth, supplies well-balanced crop nutrients, stimulates cell division, and improves the fruit set and blossoming;

**Greater resistance to stress:** Helps plants endure environmental stress;

**Improved seed germination:** Promotes the development of shoots;

**Natural soil conditioner:** Balances the fecundity of soil and restores soil conditions;

**As formulation:** *Soluble Seaweed Extract* can be used not only in crops but also as a raw material to formulate many types of fertilizers. Small amounts of *Soluble Seaweed Extract* in common fertilizers will enhance the quality of the common fertilizer.



3006 JCS Industrial Drive  
Brownsville, TX 78526  
Ph. (956) 574-8280 Fax 956 546-9229  
[www.ferti-organic.com](http://www.ferti-organic.com)



### Application

After being dissolved in neutral water, the seaweed extract can be applied for foliage spraying and through irrigation. It suits any irrigation system. After being diluted, it may be mixed with other organic fertilizers or common fertilizers. Please note that you cannot add acidic matter, all matter including bivalent metal ion and other bivalents will react with our product.

### Storage

*Soluble Seaweed Extract* should be stored in frost-free conditions with optimum non-flammable natural, organic fertilizers. Gloves and face shield should be worn when handling the dilution. *Soluble Seaweed Extract* is hygroscopic and must be kept in sealed (air tight) containers at all times. As a natural product, strict inspection and controlling can guarantee a high quality seaweed fertilizer upon application.

### Specifications

<b>Nitrogen (N):</b>	<b>0.7%</b>
<b>Phosphorous (P):</b>	<b>0.02%</b>
<b>Potassium (K):</b>	<b>11%</b>
<b>Potash (K<sub>2</sub>O)</b>	<b>14%</b>
<b>pH</b>	<b>8-10</b>



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