

Seaweed Extract

(Fertilizer Grade)

TECHNICAL SHEET

Seaweed Extract is a water soluble powder, derived from fresh seaweed, ascophyllum nodosum making it a non-toxic and non-polluting fertilizer rich in micro elements with no synthetic hormones ideal for organic farming practices. Seaweed Extract contains alginic and protein amino acids. Encourages thriving root, stem and foliage growth as well as larger flowers and fruits. Excellent stress reducer and preventer ideal for transplantations and/or climate changes (chill or drought) making it a potent plant booster. Provides nutrients in an immediate form available to plants during the rooting and fruiting stages.

APPEARANCE:

Dark brown powder, flake or powder.

PACKAGING:

20 kg sacks/boxes or super sacks.

BENEFITS:

- **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
- **Soil conditioner:** Balances the fecundity of soil and restores soil conditions

SPECIFICATION

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|----------------------------|----------|
| Nitrogen (N): | 0.7% |
| Phosphorous (P): | 0.02% |
| Potassium (K): | 11% |
| Potash (K ₂ O): | 14% |
| pH: | 9.5-10.5 |

COMPATIBILITY:

Seaweed Extract is compatible with most insecticides, fungicides and commercial fertilizers. Some pH adjustments may be required for acidic mixtures. Add surfactants after the product has been completely dissolved in the tank solution. Calcium mixtures should be thoroughly mixed with water prior to adding the calcium product. If interaction of chemicals is unknown, a compatibility test is recommended.



STORAGE:

Seaweed Extract should be stored in frost-free conditions with optimum non-flammable organic fertilizers away from sunlight. Gloves and face shield should be worn when handling the dilution.

Seaweed Extract is hygroscopic and must be kept in sealed (air tight) containers at all times. As an organic product, strict inspection and controlling can guarantee a high quality seaweed fertilizer upon application.

DIRECTIONS FOR USE:

Seaweed Extract is a water soluble powder/flake suitable for liquid foliar, soil, and irrigation water applications. Please see the Application Rate sheet for crop specific recommendations.

ADDITIONAL APPLICATIONS SHOULD BE MADE IMMEDIATELY PRIOR OR FOLLOWING STRESS PERIODS SUCH AS CHILL OR DROUGHT.

Foliar Applications: Fill half the spray tank with water, begin agitating and gradually add recommended amount with remainder of water and spray solution. Use enough water for good spray coverage. The foliar spray should be applied as a fine mist, with low fluid velocity until the foliage is drenched. Do not foliar apply during times of moisture or heat stress. For best results, apply during the cool part of the day or when temperatures are below 29°C. Do not spray just before or after rainfall or sprinkler irrigation.

Soil applications: Soil applied treatments can be made by mixing with directed sprays to the soil, sidedress treatments, and applications through the irrigation systems or other methods which effectively apply **Seaweed Extract** to the soil. When making irrigation treatments dilute 1 part **Seaweed Extract** with at least 5 parts water before adding to the supply tank. Continuous agitation of the supply tank is recommended. Can be applied through drip, microject, sprinkle, overhead, furrow, flood and other types of irrigation at the suggested rates. For micro sprinkler, solid set or drip irrigation, apply after the system is fully pressurized. Inject for at least one hour following with clean water for at least two hours to clear system of all product. Avoid heavy irrigation following application that may leach material beyond the root system of the crop.

Rooting/Transplant Solution: To encourage root growth of new transplants, treat roots at the rate of 0.6 to 1.5 dry ounces per 20 gallons of water prior to transplanting.



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