

TerraNutrix SEAWEED +

Liquid Seaweed Extract Biostimulant



1. PRODUCT DESCRIPTION

TerraNutrix **SEAWEED +** is a premium liquid seaweed-based biostimulant formulated to enhance root development, improve plant vigor, and increase tolerance to abiotic stress conditions. Rich in alginic acid, seaweed oligosaccharides, natural cytokinins, and amino acids, it activates key plant metabolic pathways to deliver measurable improvements in crop performance, nutrient uptake efficiency, and stress resilience across a wide range of crops.

2. GUARANTEED ANALYSIS

Alginic Acid	≥ 30 g/L
Seaweed Oligosaccharide	≥ 15 g/L
Organic Matter	≥ 60 g/L
Total NPK	≥ 300 g/L
pH	6.0 – 8.0

3. PHYSICAL PROPERTIES

Appearance	Dark brown liquid
Odor	Mild seaweed odor
Solubility	100% water soluble
Density	1.15 – 1.25 g/cm ³

4. KEY BENEFITS

- Promotes root development and early plant establishment
- Enhances nutrient uptake and fertilizer efficiency
- Improves tolerance to drought, heat, and transplant stress
- Supports balanced vegetative growth and vigor
- Suitable for intensive and greenhouse agriculture systems

5. ACTIVE BIOSTIMULANT COMPOUNDS

- Alginic acid — improves soil water retention
- Seaweed oligosaccharides — elicitor of plant immunity
- Natural cytokinins — stimulate cell division & shoot growth
- Amino acids — chelate nutrients & reduce stress
- Betaines — osmoprotectants for drought resistance
- Mannitol — natural carbon source for soil microbiome

6. APPLICATION RECOMMENDATIONS

FOLIAR APPLICATION

Rate: **1.0 – 2.0 L/ha**
 Frequency: **Every 10 – 14 days**
 Tip: **Apply in early morning or late afternoon**

FERTIGATION

Rate: **2.0 – 5.0 L/ha**
 Timing: **Throughout growing cycle**
 Seedling / Transplant: **1.0 – 2.0 L/ha**

7. RECOMMENDED TIMING

- Pre-planting / transplant preparation
- Early vegetative stage
- Flowering and fruit set
- Stress recovery periods

8. CROP SUITABILITY

- **Vegetables** — Tomato, Pepper, Cucumber, Leafy greens
- **Fruit Crops** — Grapes, Citrus, Berries, Tree fruits
- **Field Crops** — Cereals, Legumes, Root crops
- **Greenhouse** — All protected cultivation systems

9. COMPATIBILITY

Compatible with most fertilizers and micronutrients.

Jar test recommended:

Before mixing with pesticides or crop protection products

10. STORAGE & SHELF LIFE

- Store in a cool, dry place
- Keep away from direct sunlight
- Shelf life: 24 months (sealed)
- Do not freeze

11. PACKAGING

- 1 L
- 5 L
- 20 L
- 1000 L IBC
- Custom OEM available

“Not just a foliar spray — a whole-plant biostimulant system.
 Seaweed-derived bioactives that unlock plant genetic potential from root to fruit.”