

SEAFORCE+

Advanced Marine Biostimulant

Powered by South African Ecklonia maxima · Foliar & Fertigation



≥ 50% w/v

Seaweed Extract (Ecklonia maxima)

Guaranteed

≥ 10% w/v

Amino Acids (free form)

Guaranteed

≥ 2% w/v

Micronutrients

Guaranteed

1. PRODUCT DESCRIPTION

TerraNutrix **SEAFORCE+** is a high-activity marine biostimulant formulated with premium South African *Ecklonia maxima* giant kelp extract, plant-derived amino acids, and essential micronutrients. Powered by advanced marine bioactive technology, it supports root activation, stress resistance, flower retention, nutrient efficiency, and crop recovery across modern agriculture systems — foliar spray, fertigation, and greenhouse.

2. GUARANTEED ANALYSIS

Component	Content w/v
Seaweed Extract (Ecklonia maxima)	≥ 50%
Amino Acids (free form)	≥ 10%
Micronutrients (total)	≥ 2%

3. PHYSICAL PROPERTIES

Property	Specification
Appearance	Dark green liquid
Density	1.15 ± 0.05 g/mL
pH	4.0 – 5.0
Solubility	Fully water soluble
Marine Source	South African Ecklonia maxima

4. KEY BENEFITS

Key Benefits:

- Promotes rapid root development & recovery
- Supports flower retention & fruit set
- Enhances tolerance to heat & salinity stress
- Improves nutrient uptake efficiency
- Supports vegetative growth & crop vigor
- Helps crops recover from transplant shock
- Enhances crop uniformity & fruit quality

5. PRODUCT FUNCTIONS

Product Functions:

- **Root Activation** — root initiation, elongation & biomass
- **Stress Resistance** — heat, salinity, drought, transplant
- **Flower & Fruit Retention** — stability under stress
- **Nutrient Efficiency** — improved uptake & utilization
- **Crop Recovery** — after stress & adverse conditions
- **Marine Bioactives** — natural growth-promoting compounds

6. APPLICATION RECOMMENDATIONS

Method	Rate / Dilution	Timing
Foliar Spray	800 – 1000× dilution	Every 7–14 days as needed
Drip / Fertigation	3 – 5 kg/ha per application	All season — stress-prone periods

Best results: apply during root establishment, vegetative growth, pre-flowering, flowering, fruit set, enlargement, and stress recovery periods.

7. CROP SUITABILITY · STRESS APPLICATIONS · PACKAGING & STORAGE

Suitable Crops: Vegetables · Fruit crops · Berries · Greenhouse · Root crops · Specialty crops	Stress Applications: Heat stress · Salinity stress · Drought · Transplant shock · Environmental stress · Intensive production
Packaging: 1 L · 5 L · 20 L · 1000 L IBC · OEM & private label available	Storage: Cool, dry, ventilated. Keep sealed. Avoid sunlight & freezing. Minor precipitation at low temp is normal.

Application rates may vary by crop, soil conditions, and regional agronomic practices. Always conduct a jar test before tank mixing. TerraNutrix Agricultural Solutions LLC reserves the right to update specifications without prior notice.