

SEAWEED+ PRO

Enzymatic *Ascophyllum nodosum* Biostimulant

Dual Enzymatic Hydrolysis Technology · Foliar & Fertigation



≥120 g/L Amino Acids	≥50 g/L Oligosaccharides	≥45 g/L Organic Matter	≥32 g/L Alginic Acid	≥10 g/L K2O	≥3.5 g/L Boron (B)	≥3 g/L Nitrogen (N)
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1. PRODUCT DESCRIPTION

TerraNutrix **SEAWEED+ PRO** is a premium enzymatically hydrolyzed seaweed biostimulant produced from carefully selected *Ascophyllum nodosum*. Using advanced low-temperature dual enzymatic hydrolysis technology, the product preserves highly active marine bio-compounds while converting large molecules into small, bioavailable molecules for superior crop absorption and performance — designed for high-efficiency agriculture, greenhouse systems, and stress-management programs.

2. GUARANTEED ANALYSIS

Component	Content (w/v)
Amino Acids	≥ 12%
Seaweed Oligosaccharides	≥ 5%
Organic Matter	≥ 4.5 %
Alginic Acid	≥ 3.2 %
Soluble Potash (K2O)	≥ 1%
Boron (B)	≥ 0.35 %
Total Nitrogen (N)	≥ 0.3 %

3. PHYSICAL PROPERTIES

Property	Specification
Appearance	Brown liquid
Density	1.03–1.10 g/cm³
pH	3.0–5.0
Solubility	Fully water soluble
Source	Ascophyllum nodosum
Process	Dual enzymatic hydrolysis
Packaging	1L · 5L · 20L · 1000L IBC

4. KEY BENEFITS

<p>■ Root Activation</p> <ul style="list-style-type: none"> • Promotes root initiation • Enhances root mass • Improves transplant establishment • Stimulates root activity 	<p>■ Crop Vigor</p> <ul style="list-style-type: none"> • Supports vegetative growth • Improves chlorophyll activity • Enhances nutrient uptake • Improves crop uniformity 	<p>■ Fruit Quality</p> <ul style="list-style-type: none"> • Supports fruit enlargement • Improves fruit coloration • Enhances firmness • Promotes market quality 	<p>■ Stress Resistance</p> <ul style="list-style-type: none"> • Tolerates heat stress • Salinity resistance • Transplant shock recovery • Drought tolerance
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5. APPLICATION

Foliar Spray:
Dilution: 600 – 1200x
Rate: 0.5 – 2.0 kg/ha

Fertigation / Drip:
Rate: 7.5 – 30 kg/ha

Timing:
Seedling · Root establishment
Vegetative growth · Pre-flowering
Fruit setting · Fruit enlargement
Stress recovery periods

6. CROP SUITABILITY

Suitable Crops:

- Vegetables
- Fruit trees
- Berries
- Greenhouse crops
- Field crops
- Specialty crops

Compatibility:
Compatible with most fertilizers.
50 kg fertilizer per ton solution.
Jar test recommended.

7. PACKAGING & STORAGE

Packaging:
1 L Bottle
5 L Bottle
20 L Drum
1000 L IBC Tote

OEM & private label available

Storage:
Cool, dry — avoid sunlight
Keep sealed · Protect from freezing
Minor precipitation at low temp is normal

Application rates may vary by crop, soil conditions, and regional agronomic practices. TerraNutrix Agricultural Solutions LLC reserves the right to update specifications without prior notice.