

Terranutrix AMINO +

Liquid Amino Acid Biostimulant — Enzymatically Hydrolyzed Plant Protein



PLANT-BASED
AMINO ACIDS

1. PRODUCT DESCRIPTION

TerraNutrix **AMINO +** is a liquid amino acid biostimulant formulated to support plant metabolism and improve crop performance. Amino acids are essential building blocks in plant metabolism and play an important role in stress recovery, nutrient uptake, and plant growth. Derived from enzymatically hydrolyzed plant protein, AMINO BOOST delivers a high concentration of free amino acids for rapid plant assimilation, helping crops recover from heat, drought, transplant shock, and nutrient deficiency.

2. ACTIVE INGREDIENTS

Amino Acids (free amino acids) **30%**

3. PHYSICAL PROPERTIES

Appearance	Brown liquid
Density	1.20 – 1.25 g/mL
pH	4.5 – 6.5
Solubility	Fully water soluble

4. KEY BENEFITS

- Improves plant stress tolerance (heat, drought, transplant)
- Enhances nutrient uptake and utilization efficiency
- Promotes root growth and development
- Supports plant metabolism and enzyme activity
- Improves crop yield and quality

5. HOW AMINO ACIDS WORK

- Free amino acids are directly absorbed by plants
- Act as chelating agents for micronutrient uptake
- Stimulate chlorophyll synthesis and photosynthesis
- Serve as precursors for plant hormones & enzymes
- Activate osmotic adjustment under drought stress
- Enhance soil microbial activity and fertility

6. APPLICATION RECOMMENDATIONS

FOLIAR APPLICATION

Rate (US): **1 – 2 qt/acre (2.4 – 4.7 L/ha)**
 Timing: **Early morning or late afternoon**
 Frequency: **Every 7–14 days or as needed**

SOIL / FERTIGATION

Rate (US): **2 – 4 qt/acre (4.7 – 9.4 L/ha)**
 Timing: **At planting, transplant & growth stages**
 Tip: **Repeat based on crop needs & conditions**

7. APPLICATION TIMING

- At transplanting / early establishment
- Active vegetative growth stage
- Pre-flowering and fruit set
- After stress events (heat, drought, frost)

8. SUITABLE CROPS

- Vegetables
- Citrus
- Field Crops
- Fruit Crops
- Tree Crops
- Greenhouse

9. COMPATIBILITY & STORAGE

Compatible with most fertilizers and pesticides. Jar test recommended before mixing.

- Store in a cool, dry place away from sunlight
- Keep container tightly sealed
- Shelf life: 2 years in original packaging

10. PACKAGING

- 1 L
- 5 L / 1.3 Gallons
- 20 L / 5 Gallons (18.9 L)
- 1000 L IBC
- Custom OEM available

“Not just nutrition — a plant stress recovery system built on amino acid science.
 Plant-derived free amino acids that unlock rapid uptake, faster recovery, and sustained crop performance.”