

Terranutrix HUMIC +

High-Concentration Liquid Humic Acid | Soil Improvement & Nutrient Enhancement



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1. PRODUCT DESCRIPTION

TerraNutrix **HUMIC +** is a high-concentration liquid humic substance formulated to improve soil structure, enhance nutrient availability, and promote root development. With a combined humic and fulvic acid content exceeding 320 g/L, it delivers intensive soil carbon enrichment and ion exchange capacity improvement. Designed for fertigation and soil application, HUMIC CORE is especially suitable for saline, alkaline, compacted, and low organic matter soils.

2. GUARANTEED ANALYSIS

Organic Matter	≥ 300 g/L
Humic Acid	≥ 220 g/L
Fulvic Acid	≥ 100 g/L
Total Solids	≥ 55%
pH (1:250 dil.)	5.0 – 6.0

3. PHYSICAL PROPERTIES

Appearance	Black viscous liquid
Odor	Characteristic humic odor
Density	1.20 – 1.30 g/cm ³
Solubility	Fully water soluble

4. KEY BENEFITS

- Improves soil structure and aggregate stability
- Enhances root development and early establishment
- Increases nutrient availability and CEC
- Reduce salt stress and excess EC in saline soils
- Supports long-term sustainable soil fertility

5. SOIL SCIENCE — HOW IT WORKS

- Humic acid improves soil aggregation & water retention
- Fulvic acid chelates micronutrients for plant uptake
- Increases cation exchange capacity (CEC) of soil
- Buffers soil pH and reduces toxic salt effects
- Stimulates beneficial microbial communities
- Chelates heavy metals and reduces phytotoxicity

6. APPLICATION RECOMMENDATIONS

FERTIGATION / SOIL Rate: 5 – 10 L/ha Frequency: Every 10 – 15 days	DRIP IRRIGATION Rate: 5 – 8 L/ha Tip: Inject before fertilizer run	INITIAL TREATMENT Rate: 10 – 20 L/ha Timing: First season / new fields
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7. IDEAL SOIL CONDITIONS

- Saline / high EC soils (salt stress reduction)
- Alkaline soils (pH buffering, nutrient lockout)
- Compacted / low organic matter soils
- Sandy soils (water & nutrient retention)

8. SUITABLE CROPS

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

9. COMPATIBILITY

Compatible with most fertilizers and micronutrients.

AVOID mixing with:

Strong acidic products (pH < 3)

Always perform jar test before mixing

10. STORAGE & SHELF LIFE

- Store in a cool, dry place
- Avoid direct sunlight and freezing
- Shelf life: 24 months (sealed)
- Shake / stir before use if settled

11. PACKAGING

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

“Not just a soil amendment — a concentrated humic engine for soil regeneration.

220 g/L humic acid + 100 g/L fulvic acid: the foundation of soil health and sustainable crop productivity.”