

TerraNutrix FULVIC +

Liquid Potassium Fulvate — Nutrient Efficiency Enhancer & Root Stimulant



K-FULVATE
LIQUID

1. PRODUCT DESCRIPTION

TerraNutrix **FULVIC +** is a high-solubility liquid potassium fulvate designed to enhance nutrient efficiency, stimulate root development, and improve crop performance under diverse soil conditions. With a combined humic and fulvic acid content and added soluble potassium, **FULVIC BOOST** is a versatile biostimulant effective in fertigation, foliar spray, and soil drench programs. Particularly suitable for saline, alkaline, and low-fertility soils.

2. GUARANTEED ANALYSIS

Fulvic Acid (dry basis)	≥ 10%
Humic Acid (dry basis)	≥ 12%
Organic Matter (dry basis)	≥ 15%
Soluble Potassium (K2O)	≥ 1.5%
Water Solubility	100%
pH	9.0 – 11.0

3. PHYSICAL PROPERTIES

Appearance	Dark brown liquid
Odor	Characteristic organic odor
Density	1.10 – 1.20 g/cm ³
Solubility	Fully water soluble

4. KEY BENEFITS

- Improves soil structure and reduces compaction
- Stimulates root growth and root metabolic activity
- Enhances nutrient uptake and fertilizer use efficiency
- Reduces salt stress in high EC soils
- Supports overall crop growth and yield quality

5. FULVIC ACID SCIENCE

- Smallest humic fraction — penetrates membranes rapidly
- Chelates micronutrients for superior foliar uptake
- Increases membrane permeability for enhanced absorption
- Activates plant enzymes and metabolic processes
- Buffers pH and reduces salt toxicity in the rhizosphere
- Stimulates beneficial soil microbial communities

6. APPLICATION RECOMMENDATIONS

FOLIAR APPLICATION

Dilution: **800 – 1500x in water**
Timing: **Vegetative & early fruiting**

FERTIGATION / DRIP

Rate: **3 – 5 L/ha per application**
Frequency: **Every 10 – 15 days**

SOIL DRENCH

Dilution: **500 – 800x in water**
Tip: **Adjust to crop & soil conditions**

7. IDEAL CONDITIONS & TIMING

- Saline / high EC soils (salt stress buffering)
- Alkaline soils (improved nutrient availability)
- Low organic matter soils (biological activation)
- Pre-planting, transplant & vegetative stages
- Combined with micronutrient programs

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
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 before use if any settling

11. PACKAGING

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

“Not just a humic product — a potassium-activated fulvic powerhouse for rapid nutrient mobilization.
FA ≥ 100 g/L + K₂O ≥ 15 g/L: small molecules, maximum impact — from root to leaf.”