

Terranutrix Fe + EDTA

Chelated Iron Fertilizer (EDTA) — Water Soluble Powder



1. PRODUCT DESCRIPTION

TerraNutrix Fe + EDTA is a high-quality chelated iron fertilizer formulated with EDTA to provide a stable and readily available source of iron for plant nutrition. Designed for rapid correction of iron deficiency, it supports chlorophyll synthesis, ensuring healthy plant growth and improved crop performance under normal soil conditions. The yellow crystalline powder is 100% water soluble for use in foliar programs and fertigation systems.

2. GUARANTEED ANALYSIS

Iron (Fe) — EDTA chelated	13.0%
<i>Typical value: Fe ≈ 13.3%</i>	

3. PHYSICAL PROPERTIES

Appearance	Yellow crystalline powder
Solubility	100% water soluble
pH (1% sol.)	3.8 – 6.0
Form	Solid (powder)

4. QUALITY SPECIFICATIONS

Chelated Iron (Fe)	12.5 – 13.5%	Water Insoluble Matter	≤ 0.1%
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5. AGRONOMIC FUNCTIONS

- Corrects iron deficiency (chlorosis) rapidly
- Enhances chlorophyll formation and leaf greening
- Improves photosynthesis efficiency
- Promotes healthy leaf and shoot development
- Supports overall plant growth and vigor

6. KEY ADVANTAGES

- Fully chelated iron in stable EDTA form
- High solubility — 100% water soluble
- Rapid plant availability upon application
- Effective for foliar and fertigation use
- Low water insoluble content (≤ 0.1%)
- Cost-effective general iron nutrition

7. APPLICATION RECOMMENDATIONS

FOLIAR APPLICATION

Rate: **0.5 – 1.0 kg/ha**
Dilution: **1:1000 – 1:1500**
Frequency: **Every 7 – 10 days**

FERTIGATION / DRIP IRRIGATION

Rate: **1 – 3 kg/ha per application**
Tip: **Pre-dissolve in water before injecting**

8. APPLICATION TIMING

- Early vegetative stage
- Rapid growth stage
- When iron deficiency symptoms appear

9. SUITABLE CROPS

- Vegetables
- Citrus
- Field Crops
- Fruit Crops
- Grapes
- Greenhouse Crops

10. COMPATIBILITY

Compatible with most fertilizers and crop protection products.

AVOID mixing with:

Strong alkaline products (pH >8)
Always conduct a jar test before mixing

11. STORAGE & HANDLING

- Store in a cool, dry place
- Keep sealed — avoid moisture absorption
- Avoid direct sunlight
- Use protective equipment when handling

12. PACKAGING

- 1 kg aluminum foil bag
- 25 kg kraft paper bag
- Customized packaging available

“Not just iron — a fully chelated, 100% water soluble iron efficiency solution.
EDTA chelation delivers stable, rapidly available iron for fast chlorosis correction and sustained plant health.”