

TerraNutrix Fe + EDDHA

EDDHA Chelated Iron Fertilizer — High-Performance Iron for Alkaline Soils



PREMIUM GRADE
EDDHA Chelated

1. PRODUCT DESCRIPTION

TerraNutrix **Fe + EDDHA** is a premium EDDHA-chelated iron fertilizer designed for maximum stability and availability in alkaline and high pH soils. The strong EDDHA chelating agent ensures iron remains soluble and plant-available even at soil pH above 8.0, effectively correcting iron chlorosis and improving chlorophyll synthesis where conventional iron fertilizers fail completely.

2. GUARANTEED ANALYSIS

Iron (Fe) — Total	6.0%
Iron (Fe) — EDDHA chelated	6.0%
Ortho-Ortho EDDHA isomer	≥4.8%

The o,o-EDDHA isomer is the most effective fraction — ≥4.8% ensures premium performance

3. PHYSICAL PROPERTIES

Appearance	Microgranule / powder
Color	Dark red to brown
Solubility	Fully water-soluble
pH (1% sol.)	7.0 – 9.0

4. AGRONOMIC FUNCTIONS

- Corrects iron chlorosis in high pH and calcareous soils
- Promotes chlorophyll formation and green leaf development
- Enhances photosynthesis and plant energy production
- Improves nutrient uptake and plant metabolism
- Supports overall plant growth and yield potential

5. KEY ADVANTAGES

- Highly stable EDDHA chelate effective at pH up to 9.0
- High o,o-EDDHA isomer content (≥4.8%)
- Long-lasting effect in calcareous soils
- Rapid correction of iron deficiency symptoms
- Suitable for soil application and fertigation
- Effective where EDTA-Fe and FeSO₄ fail

6. APPLICATION RECOMMENDATIONS

SOIL APPLICATION

Rate: **2 – 5 kg/ha depending on crop & deficiency**
Timing: **Early growth or pre-planting incorporation**

FERTIGATION

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

7. APPLICATION TIMING

- Early growth stages
- Visible iron deficiency (leaf yellowing)
- High pH or calcareous soil conditions
- Preventive in sensitive crops

8. SUITABLE CROPS

- Fruit Trees
- Grapes
- Field Crops
- Citrus
- Vegetables
- Ornamentals

9. COMPATIBILITY

Compatible with most fertilizers and irrigation programs.

AVOID mixing with:

Strong acids or highly alkaline materials
Always perform a jar test before mixing

10. STORAGE & HANDLING

- Store in a dry, cool place
- Keep container tightly closed
- Protect from moisture
- Avoid direct sunlight

11. PACKAGING

- 1 kg foil bag
- 5 kg bag
- 25 kg bag

“This is not a standard iron fertilizer — it is EDDHA chelated iron designed for high pH soils. When conventional iron fails, IRON PRO delivers. Stable, effective, and long-lasting even at pH 9.0.”