

# CORE 4.5% IRON HEDTA



For use with vegetable crops, field crops, trees, turf and ornamentals

2-0-0

## GENERAL INFORMATION

CORE 4.5% Iron HEDTA also known as Ferric HEDTA is a fully chelated, liquid iron specifically formulated which has low use rates and is compatible with liquid fertilizers containing polyphosphates and orthophosphates. This product is a stable iron chelate and HEDTA is a proven chelate for iron. Fe HEDTA has been successfully used for years and in soil applications offers comparable stability throughout the pH range of most soils. CORE 4.5% Iron HEDTA is recommended for all crops that require iron usage when used as a foliar application.



## GUARANTEED ANALYSIS:

**Total Nitrogen (N)** ..... **2.0%**  
**2.0% Other Water Soluble Nitrogen**  
**Iron (Fe)**..... **4.5%**  
**4.5% chelated Iron**

*Derived from: iron hydroxyethlethydiaminetriacetate (Fe HEDTA)*

## Function of Iron in Plants

- There are a number of functions or processes that iron is part of in plants including:
- Functions in the formulation of some proteins
- Serves to transfer energy in the plant
- Functions in the respiratory enzymes
- Essential for chlorophyll development and function.

## Use Rates and Timing

CORE 4.5% Iron HEDTA is most often recommended is most often recommended at 1/2 to 4 quarts per acre. It may be used for foliar or soil applications. This product is not recommended for direct application on seed. For additional information please consult the label and application guide.

## Storage

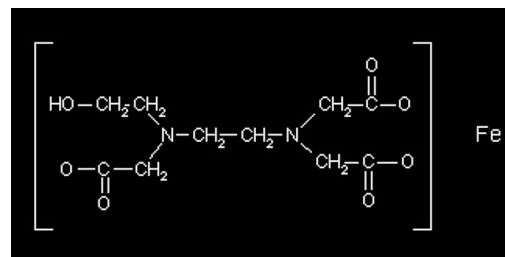
Store this product in stainless steel, fiberglass, polyethylene, or certain other plastic materials. Copper or any of its alloys (brass or bronze) should never be used in any chelate handling system. Aluminum tanks are not recommended for storage of this product.

## Container Sizes

Bulk, 250 gallon mini-bulks, 55 gal drums, 30 gal drums, 2 x 2.5 gallon package

## TECHNICAL SPECIFICATIONS

<b>Product class</b>	fertilizer
<b>Formulation</b>	liquid
<b>Chemical Formula</b>	Ferric HEDTA
<b>Molecular Weight</b>	331.5
<b>CAS:</b>	17084-02-5
<b>Weight/gallon</b>	11.3 lbs.
<b>Specific gravity</b>	1.3549
<b>pH (5% solution)</b>	4 to 6
<b>Solubility in water</b>	miscible
<b>Appearance</b>	reddish brown
<b>Odor</b>	no odor
<b>Min. storage temp.</b>	32°F



**FOR MORE INFORMATION, LABELS, MSDS AND A COMPLETE PRODUCT LIST:**

- log onto [www.CoreAgri.com](http://www.CoreAgri.com)
- contact your sales representative
- or call: 1-800-385-4715

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