

# CORE 4.5% IRON EDTA



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

## 4-0-0

## GENERAL INFORMATION

CORE 4.5% IRON EDTA is a fully chelated, plant available, liquid iron micronutrient and ethylenediaminetetraacetic acid chelating agent for use in vegetable crops, field crops, trees, vines, turf and ornamentals. CORE 4.5% IRON EDTA, when used along with a sound fertility program, helps provide the iron requirements.



## GUARANTEED ANALYSIS:

<b>Total Nitrogen (N)</b> .....	<b>4.0%</b>
<b>4.0% Ammoniacal Nitrogen</b>	
<b>Iron (Fe)</b> .....	<b>4.5%</b>
<b>4.5% Chelated Iron</b>	

*Derived from: Ammonia and Fe EDTA*

## 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 EDTA 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, 5 gallon pails, 2 x 2.5 gallon package

## Product Specs

<b>Product class</b>	fertilizer
<b>Formulation</b>	liquid
<b>Chemical Formula</b>	[EDTA-Fe] NH <sub>4</sub> .NH <sub>4</sub> OH
<b>Molecular Weight</b>	380.2
<b>CAS:</b>	68413-60-5
<b>Weight/gallon</b>	9.9 lbs.
<b>Specific gravity</b>	1.187
<b>pH (5% solution)</b>	7.5
<b>Solubility in water</b>	miscible
<b>Appearance</b>	reddish brown
<b>Odor</b>	slight ammonia
<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

## COREAGRI, LLC

P.O. Box 1027 • Arroyo Grande, CA 93420 • USA  
customerservice@coreagri.com | 800-385-4715