

CORE 7.5% COPPER EDTA



For correction or prevention of copper deficiency in agricultural crops, vegetable crops, turf, and ornamentals

4-0-0

GENERAL INFORMATION

Copper EDTA is a fully chelated, plant available, liquid micronutrient and ethylenediaminetetraacetic acid chelating agent for use in vegetable crops, field crops, trees and vines. Copper EDTA when used along with a sound fertility program assures the nutritional requirements of the plant.

Core 7.5% Copper EDTA is a fully chelated, liquid micronutrient specifically formulated which has low use rates and is compatible with liquid fertilizers containing polyphosphates and orthophosphates.



GUARANTEED ANALYSIS:

Total Nitrogen (N) **4.0%**
4.0% Ammoniacal Nitrogen
Copper (Cu) **7.5%**
7.5% Chelated Copper

Derived from: Diammonium Copper EDTA

Function of Copper in Plants

There are a number of functions or processes that copper is part of in plants including:

- A coenzyme (partner) in several enzyme systems including tyrosinase, polyphenol oxidase, ascorbic acid oxidase and cytochrome oxidase – involved in building and converting amino acids to proteins
- Functions in chlorophyll formulation

Directions for Use

Core 7.5% Copper EDTA is compatible with most pesticides as well as Orthophosphates, APP or liquid N fertilizers commonly used in "2x2" placement as starter fertilizer, in a band, or in broadcast application. NOTE: Foliar application alone should not be a substitute for soil application. However, if foliar application is required, CORE 7.5% COPPER EDTA may be applied 30 days after planting and before flowering to correct deficiency. Application rates and dilution factors will vary and depend on crop sensitivity and amount of foliage to be sprayed. Dilute in a minimum of 50 gallons of water. If there is any doubt, apply the spray solution to a small test area of the crop or foliage to assess any undesirable effects or phytotoxicity before general application. Always conduct a jar test with new tank mixes to verify compatibility.

Product is available from Humboldt, TN

This bulletin provides some technical information and is not intended to give complete information for all applications.

Always read and follow label directions.

Product Specs

| | |
|----------------------------|---|
| Product class | fertilizer |
| Chemical Formula | (NH ₄) ₂ Cu EDTA |
| CAS | 67989-88-2 |
| Specific gravity | 1.26 |
| Solubility in water | miscible |
| Odor | slight ammonia |
| Formulation | liquid |
| Molecular Weight | 387.8 |
| Weight/gallon | 10.5 lbs |
| pH (5% solution) | 7.5 |
| Appearance | dark blue |
| Min. storage temp. | 32°F |

Package Sizes: Bulk, 275 gallon mini-bulks, and 2 x 2.5 gallon package.



FOR MORE INFORMATION, LABELS, MSDS and a COMPLETE PRODUCT LIST:

- log onto www.CoreAgri.com
 - contact your sales representative
 - or call: 731-784-0605
- COREAGRI, Inc.**

400 S. Central Ave./P.O. Box 190
 Humboldt, TN 38343 | 731-784-0605

Product List: www.CoreAgri.com