

CORE 2.5% MAGNESIUM EDTA



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

0-0-9

GENERAL INFORMATION

Chelate products are specially formulated with low use rates and great results. Apply chelates to make fertilizer components more available for root uptake and remain long enough to help the plant utilize nutrients over time.

Core 2.5% Magnesium EDTA is a fully chelated, plant available, liquid secondary nutrient(s) and ethylenediaminetetraacetic acid chelating agent for use in vegetable crops, field crops, trees, vines, turf and ornamentals. CORE 2.5% MAGNESIUM EDTA, when used along with a sound fertility program, assures that the nutritional demands of the plant are satisfied during the critical first 30 days of growth in the cool, wet soils of early spring.



GUARANTEED ANALYSIS:

Soluble Potash (K₂O)	9.0%
Magnesium (Mg)	2.5%
2.5% Chelated Magnesium	

Derived from: Potassium Hydroxide and Mg EDTA.

Function of Magnesium in Plants

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

- Active in the translocation of starches
- Acts as carrier of phosphorus in the plant
- Regulates the uptake of other plant nutrients
- Necessary for sugar formulation
- Essential part of chlorophyll

USE RATES AND TIMING

Core 2.5% Magnesium 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 2.5% Magnesium 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 Hanford, CA

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	K ₂ Mg EDTA
CAS:	15708-48-2
Appearance	Clear, colorless solution
Specific gravity	1.25
Solubility in water	miscible
Odor	no odor
Formulation	liquid
Molecular Weight	390.75
Weight/gallon	10.4 lbs
pH (5% solution)	7.5
Appearance	clear to pale yellow
Min. storage temp.	32°F

Package Sizes: Bulk, 250 gallon mini-bulks, 30 gal drums, 5 gal pails, 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: 1-800-385-4715

COREAGRI, LLC

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

Product List: www.CoreAgri.com