

Tech Sheet

Mor-Gro 2.5% Magnesium EDTA

Introduction

MOR-GRO 2.5% Magnesium EDTA is a fully chelated, liquid magnesium specifically formulated which has low use rates and is compatible with liquid fertilizers containing polyphosphates and orthophosphates. This product is a stable magnesium chelate and is sodium free. **MOR-GRO 2.5% Magnesium EDTA** is recommended for all crops that require magnesium usage.



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

MOR-GRO 2.5% Magnesium 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. 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.

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Contents

Typical Analysis

2-0-9

Total Nitrogen (N).....2.0%

2.0% Other Water Soluble Nitrogen

Soluble Potash (K₂O).....9.0%

Magnesium (Mg).....2.5%

2.5% chelated Magnesium

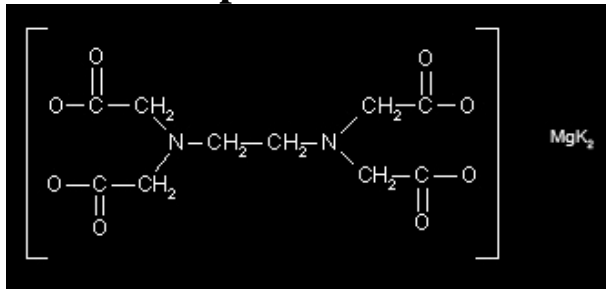
Plant nutrients derived from Dipotassium Magnesium Ethylenediaminetetraactate

Arsenic (As).....<5 ppm

Cadmium (Cd).....<5 ppm

Lead (Pb).....<5 ppm

Technical Specifications



Product class	fertilizer	Formulation	liquid
Chemical Formula	K ₂ Mg EDTA	Molecular Weight	390.75
CAS:	15708-48-2	Weight/gallon	10.4 pounds
Specific gravity	1.25	pH (5% solution)	7.5
Solubility in water	miscible	Appearance	clear/colorless
Odor	no odor	Min. storage temp.	32°F
Container size	Bulk, 250 gallon mini-bulks, 30 gal drums, 5 gal pails, 2 x 2.5 gallon package		

This bulletin provides some technical information and is not intended to give complete information for all applications. Always read and follow label directions.

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