

# Tech Sheet

## Mor-Gro 6% Zinc EDTA

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### Introduction

**MOR-GRO 6% Zinc EDTA** is a fully chelated, liquid micronutrient specifically formulated which has low use rates and is compatible with liquid fertilizers containing polyphosphates and orthophosphates. This product is a stable zinc chelate and is sodium free. **MOR-GRO 6% Zinc EDTA** is recommended for crops that require high zinc usage, such as but not limited to corn, citrus, edible beans, onions, and potatoes.



### Function of Zinc in Plants

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

- precursor of auxins
- synthesis of chlorophyll and functions in photosynthesis and nitrate assimilation
- activating enzymes in protein synthesis and grain formation
- seed formation and maturity.

### Use Rates and Timing

**MOR-GRO 6% Zinc EDTA** is most often recommended is most often recommended at 1/2 to 2 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

5-0-0

Total Nitrogen (N).....5.0%

3.0% Ammoniacal Nitrogen

2.0% Other Water Soluble Nitrogen

Zinc (Zn).....6.0%

6% chelated Zn

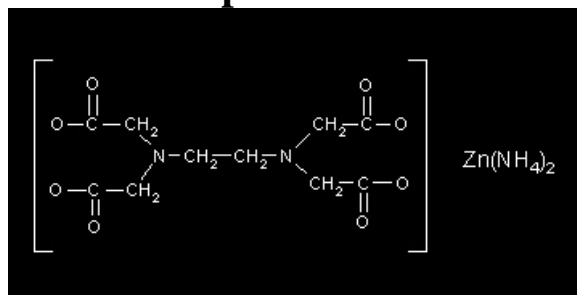
Plant nutrients derived from Diammonium Zinc Ethylenediaminetetraacetate

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

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

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

### Technical Specifications



<b>Product class</b>	fertilizer	<b>Formulation</b>	liquid
<b>Chemical Formula</b>	(NH <sub>4</sub> ) <sub>2</sub> Zn-EDTA	<b>Molecular Weight</b>	389.7
<b>CAS:</b>	67859-51-2	<b>Weight/ gallon</b>	10 pounds
<b>Specific gravity</b>	1.199	<b>pH (5% solution)</b>	7.0
<b>Solubility in water</b>	miscible	<b>Appearance</b>	clear
<b>Odor</b>	slight ammonia	<b>Min. storage temp.</b>	32°F
<b>Container size</b>	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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