

Technical Bulletin

Platinum Zinc EDTA 15%

RSA MicroTech, LLC
P.O. Box 64589, St. Paul, MN 55164-0589
1.800.426.5969 www.rsamicrotech.com

- seed formation and maturity.

Introduction

Platinum Zinc EDTA 15% is intended for use as a plant nutrient supplement to correct zinc deficiencies. This product has optimum stability and is stable in the pH range of 4 to 9.

Platinum Zinc EDTA 15% can be used in hydroponics, soil fertigation and foliar. It is compatible with a wide range of fertilizer materials, herbicides, fungicides, and other pesticides.

Platinum Zinc EDTA 15% is well suited for use in greenhouses using soil and soil-less media. The chelating agent should be chosen carefully based on the pH stability of the growing system.

Benefits:

- ✚ Ease of use and in the form of soluble micro granule.
- ✚ Greater versatility in any application system without the blocking of drip tape or emitters.
- ✚ Optimum Stability
- ✚ Greater efficiency and compatibility

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

Recommended Crops

Berries: blueberry, strawberry

Nut Crops: pecans, walnuts and other nut crops

Grain and Other crops: canola, corn, cotton, edible beans, rice, sorghum, soybeans, wheat

Vegetables: broccoli, cabbage, cauliflower, carrots, celery, lettuce, melons, onions, peppers, potatoes, tomatoes

Tree and Fruit Crops: avocados, cherries, citrus, grapes, peaches, plum and other tree fruits.

Commercial Nursery and Ornamental Crops, turf

Use Rates and Timing

For application in pivot, sprinkler, overhead, drip, and solid set irrigation. For best results, apply within 2 weeks of planting and before flowering using 0.5 to 2 pounds per acre or the dosage rates and timing as recommended for each crop.

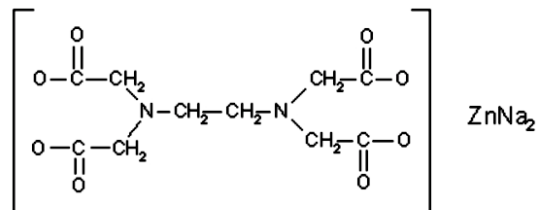
Platinum Zinc EDTA 15% may be mixed with most liquid fertilizers or pesticides before injection into the irrigation water. Use a back-flow check valve to prevent the material from getting in the water supply.



Technical Bulletin

Platinum Zinc

EDTA 15%



Product class fertilizer
Common Name: Ethylenediamine-tetraacetic acid Disodium Zinc
CAS number 14025-21-9
Formula: EDTA-ZnNa₂
Molecular Weight 399.6
Appearance white micro granule
Bulk Density (loose) 0.8g/ml
pH (1% solution @25°C) 6.5
Solubility (g/100ml) 20°C 100
Packaging 10 lb boxes
96 boxes per pallet

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

Platinum Zinc EDTA 15% is distributed for RSA MicroTech, LLC.

Precautions

Avoid extreme temperatures. Keep in original packing. Keep product in dry place,

When mixing, use tanks made of stainless steel, fiberglass, polyethylene, or other plastic materials.

Contents

GUARANTEED ANALYSIS

6-0-0

Total Nitrogen.....6.0%

6.0% Other Water Soluble Nitrogen

Zinc (Zn).....15.0%

15.0% Chelated Zinc (Zn)

Arsenic (As).....<0.003%

Cadmium (Cd).....<0.002%

Lead (Pb).....<0.001%

Derived from zinc EDTA.

Technical Specifications

