

# Technical Bulletin

## Platinum Iron EDTA 13%

### Introduction

Platinum Iron EDTA 13% is intended for use as a plant nutrient supplement to correct iron deficiencies. Platinum Iron EDTA 13% performs best in soil applications where the soil pH is 4.0 to 7.0.

Platinum Iron EDTA 13% can be used for hydroponics, soil fertigation and foliar applications. It is compatible with a wide range of fertilizer materials, herbicides, fungicides, and other pesticides.

Platinum Iron EDTA 13% is well suited for use in greenhouses using soil and soil-less media. Chelation of iron is essential in using soil-less media. The chelating agent should be chosen carefully based on the pH stability of the growing system.

### Benefits

Platinum Iron EDTA 13% has a number of benefits including:

- 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.

### 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

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**Brassica (cole) leafy vegetables:** (such as but not limited to) broccoli, brussel sprouts, cauliflower

**Vegetables:** carrots, melons, onions, peppers, potatoes, tomatoes

**Leafy vegetables:** (except brassica vegetables) such as but not limited to- celery, lettuce, spinach.

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

**Commercial Nursery and Ornamental Crops, Turf**



### Use Rates and Timing

Platinum Iron EDTA 13% may be used in pivot, sprinkler, overhead, drip, and solid set irrigation. For the 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 Iron EDTA 13% 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.

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### Precautions

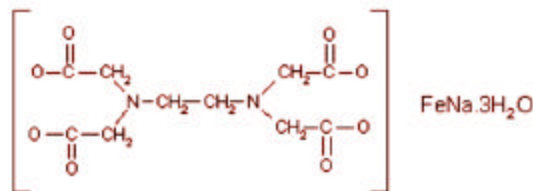
Avoid extreme temperatures. Keep Platinum Iron EDTA 13% in the original packing. Keep product in dry place,

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	
Iron (Fe).....	13.0%
13.0% Chelated Iron	
Arsenic (As).....	<0.003%
Cadmium (Cd).....	<0.002%
Lead (Pb).....	<0.001%
Derived from iron EDTA.	

### Technical Specifications



<b>Product class</b>	fertilizer
<b>Common name</b>	ferric ethylenediaminetetraacetate sodium salt trihydrate
<b>CAS number</b>	15708-41-5
<b>Formula</b>	EDTA-FeNa
<b>Molecular Weight</b>	421.1
<b>Appearance</b>	light brown granule
<b>Bulk density (loose)</b>	0.8g/ml
<b>pH (1% solution @ 25°C)</b>	4.5
<b>Solubility (g/100ml) 20°C</b>	70
<b>Packaging</b>	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 Iron EDTA 13% is distributed for RSA MicroTech, LLC.

