



# Quantum Platinum

## LIQUID EDTA CHELATED MICRONUTRIENT

### GUARANTEED ANALYSIS:

Total Nitrogen (N)..... 7.1%	Iron (Fe)..... 0.9%
Calcium (Ca)..... 1.0%	0.9% Chelated Iron (Fe)
1.0% Chelated Calcium (Ca)	Manganese (Mn) ..... 0.52%
Magnesium (Mg) ..... 0.67%	0.52% Chelated Manganese (Mn)
0.67% Chelated Magnesium (Mg)	Molybdenum (Mo)..... 0.007%
Sulfur (S)..... 0.54%	Nickel (Ni)..... 0.007%
Boron (B)..... 0.37%	0.007% Chelated Nickel (Ni)
Cobalt (Co)..... 0.002%	Zinc (Zn) ..... 0.9%
0.002% Chelated Cobalt (Co)	0.9% Chelated Zinc (Zn)
Copper (Cu)..... 0.52%	
0.52% Chelated Copper (Cu)	

**Derived from:** zinc EDTA, copper sulphate, iron EDTA, manganese sulphate, cobalt EDTA, nickel EDTA, boron ethanolamine, calcium nitrate, magnesium nitrate, ammonium molybdate, EDTA (ethylenediamine tetraacetic acid).

#### ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

glycine, salicylic acid, succinic acid, potassium iodide..... 1.5%

**Purpose statement:** Iodine is a structural component of plant proteins.



**NET CONTENTS:**  
2.5 gallons (9.46 liters)



**NET WEIGHT:**  
28.0 lbs / 12.7 kgs



**DENSITY/ WEIGHT PER GALLON:**  
11.2 Lbs (5.08 kg) at 68°F (20° C)



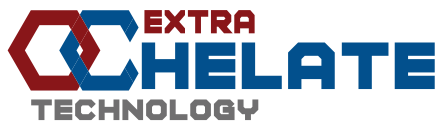
**DO NOT STORE BELOW**  
40°F (5°C)

### Quantum Platinum Advantages

The complex of chelated EDTA trace elements is enriched with nitrogen, magnesium, calcium, sulfur to activate photosynthesis and amino acids to increase plant stress resistance. Intended for foliar application of a wide range of crops, seed treatment and application in combination with starter fertilizers. Fully compatible in a tank mix due to the Extra-Chelate technology.

The fully chelation shields and protects the nutrients, which prevents them from reacting and binding with other elements in the soil and other fertilizers. This protection helps ensure that nutrients remain available to the plant in a wide range of tank mixes, as well as pH and soil conditions.

- ◆ 100% chelated form of trace elements for maximum stability and effectiveness.
- ◆ Excellent compatibility in tank mix compatible with liquid starters (orthophosphates) and other highly concentrated fertilizers, biostimulants and plant protection products.
- ◆ More efficient than other forms of nutrients; up to 6x more availability vs non chelated nutrients. Prevention and correction of micronutrients deficiency in all crops when used as a part of a balanced fertility program.
- ◆ Nitrogen and Magnesium contribute to the activation of photosynthesis and growth of vegetative mass.
- ◆ The combination of highly available forms of calcium and boron provides high pollination efficiency when applied during the reproductive phase of development.
- ◆ A balanced trace element complex stimulates the basic physiological processes of plants in critical phases of growth and development.
- ◆ Amino acids and trace elements that activate the enzyme system contribute to increased stress resistance.



Advanced technologies require complex tank mixes for preparing a foliar feeding solution, seed treatment, IN-FURROW™ application or fertigation. **Extra chelate Technology** protects trace elements from interaction with other fertilizers, biostimulants and plant protection agents in tank mixes or soil in a wide pH range.

*Note! This information is for promotional purposes only. These products may not yet be available or approved for sale or use in your area.*

## RATE RECOMMENDATIONS

**Soil applications:** **Quantum Platinum** is recommended for use on all types of soils. **Quantum Platinum** can be applied alone or in combination with dry or liquid fertilizer for band, in-furrow, side-dress or broadcast 1 pt. to 8 qts. per acre pre-plant, at planting or within 2 weeks after emergence, or when deficiency symptoms first appear. Detailed recommendations for the In-furrow application are below.

**Aerial application:** Apply 0.5 to 1 pt. of **Quantum Platinum** per acre in at least 10 gal. of water.

**Seed treatment application:** Apply 2 to 8 fl. oz. per cwt of seed.

**Foliar Application:** **Quantum Platinum** may be applied as a foliar application to crops at rates ranging from 1 to 3 pints per acre.

CROPS	IN-FURROW APPLICATION RATES	FOLIAR APPLICATION RATES
<b>FIELD CROPS</b>		
<b>Corn</b>	1–3 pt/acre in starter fertilizer. Rate will depend on extent of deficiency and soil conditions.	1–2.5 pt/acre between V4 and V8, 2nd application between V10-VT. Can be used in conjunction with herbicide.
<b>Soybeans, beans</b>	1-2 pt/acre in starter fertilizer. Rate will depend on extent of deficiency and soil conditions.	Apply 1 to 2 pt/acre between V3 to R1 at 2 to 3 week intervals as needed. Then when soybeans are in the earlier reproductive stage (R1 to R3).
<b>Sugar beet</b>		Apply 1 to 2 pt/acre during leaf development.
<b>Cereal grains</b>		Apply 1 to 2 pt/acre from tillering to pollination.
<b>Other field crops</b>		Apply 1-2 pt/acre in sufficient water for thorough coverage. Every 2-3 weeks, starting 2 weeks during growth.

CROPS	FOLIAR APPLICATION RATES
<b>Fruit, tree &amp; vine crops</b>	Apply at 1–3 pt/acre starting at bud break or when deficiency symptoms appear. Repeat the application in about 4 weeks if necessary.
<b>Vegetable crops</b>	Apply at 1–2 pt/acre about 2-4 weeks after emergence, or when deficiency symptoms appear in sufficient spray volume for thorough coverage. Repeat the application in 1-3 weeks if necessary.

**Quantum Platinum is compatible with most pesticides. However, if the desired combination has not been previously used, a compatibility test is recommended (jar test).**

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Management System  
 ISO 9001:2015

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