



Quantum Ultra-Zinc 9% EDTA

EXCELLENT COMPATIBILITY FOLIAR Zn

GUARANTEED ANALYSIS:

Zinc (Zn) 9 %
 9% Chelated Zinc (Zn)

Derived from: zinc EDTA (ethylenediamine tetraacetic acid)

Quantum Ultra-Zinc 9% EDTA Advantages

Highly concentrated zinc chelated fertilizer (EDTA) for the prevention and/or correction of zinc deficiency in all crops when used as a part of a balanced fertility program. 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.
- ◆ Approved for use with herbicides, fungicides and insecticides.
- ◆ More efficient than other forms of nutrients; up to 6x more availability vs non chelated nutrients.
- ◆ Maximum zinc efficiency, which allows for a lower application rate per acre.
- ◆ Zinc plays a role in the growth and development of the plant's tissue, roots and vascular system. It is also critical to protein synthesis and structural integrity.

RATE RECOMMENDATIONS

Soil applications: Quantum Ultra-Zinc 9% EDTA is recommended for use on all types of soils. In general, apply 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 Ultra-Zinc 9% EDTA per acre in at least 10 gal. of water.

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

 **NET WEIGHT:**
27.1 lbs / 12.3 kgs

 **DENSITY/ WEIGHT PER GALLON:**
10.85 Lbs (4.92 kg) at 68°F (20° C)

 **DO NOT STORE BELOW**
40°F (5°C)



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.

RATE RECOMMENDATIONS

Foliar Application: Quantum Ultra-Zinc 9% EDTA may be applied as a foliar application to crops at rates ranging from 0.75 to 2 pints per acre. Applications should be separated by a minimum of 10-14 days.

CROPS	IN-FURROW APPLICATION RATES	FOLIAR APPLICATION RATES
FIELD CROPS		
Corn	1–2 pt/acre in starter fertilizer. Rate will depend on extent of deficiency and soil conditions.	1–2 pt/acre between V4 and V8, 2nd application between V10-VT. Can be used in conjunction with herbicide.
Cotton		Apply 1–2 pt/acre in sufficient water for thorough coverage when crop is 6 to 12 inches high or when zinc deficiency symptoms appear.
Soybeans, beans	1 pt/acre in starter fertilizer. Rate will depend on extent of deficiency and soil conditions.	Apply 0.75 to 1.5 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).
Cereal grains		Apply 0.75 to 1.5 pt/acre from tillering to pollination.
Other field crops		Apply 1 pt/acre in sufficient water for thorough coverage. Repeated applications are preferred to single applications, especially if deficiencies are known to occur.

CROPS	FOLIAR APPLICATION RATES
Fruit, tree & vine crops	Apply at 1–2 pt/acre in sufficient spray volume for thorough coverage (25 gal. minimum) at dormant/delayed dormant before bloom, then after full bloom at 2 to 3 week intervals as needed. NOTE: For smooth-skinned fruit (peach, pear, apple, etc.) apply 1 pt. per acre m 50-100 gal. of water. For severe deficiency, follow with a second application two weeks later. Do not apply during bloom.
Trees (citrus)	Apply at 1 to 2 pts. per 100 gal. of cover spray any time except during bloom.
Vegetable	Apply at 1 to 2 pts. per acre in sufficient spray volume for thorough coverage.

Quantum Ultra-Zinc 9% EDTA is compatible with herbicides, insecticides and most agricultural chemicals that may be utilized in combination with liquid fertilizer. However, if the desired combination has not been previously used, a compatibility test is recommended (jar test).

Distributed and guaranteed by
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