



Quantum Ultra-Complex

LIQUID MULTICOMPONENT FORMULATIONS

GUARANTEED ANALYSIS:

Total Nitrogen (N)	8%
Available Phosphate (P ₂ O ₅)	8%
Soluble Potash (K ₂ O)	7%
Boron (B)	0.015%
Copper (Cu).....	0.025%
0.025% Chelated Copper (Cu)	
Iron (Fe).....	0.05%
Manganese (Mn)	0.03%
0.03% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.005%
Zinc (Zn)	0.025%
0.025% Chelated Zinc (Zn)	

Derived from: zinc EDTA, copper EDTA, iron EDTA, manganese EDTA, boric acid, ammonium molybdate, monopotassium phosphate, monoammonium phosphate, urea, potassium nitrate



NET CONTENTS:
2.5 gallons (9.46 liters)



NET WEIGHT:
25.9 lbs / 11.7 kgs



DENSITY/ WEIGHT PER GALLON:
10.4 Lbs (4.69 kg) at 68°F (20° C)



DO NOT STORE BELOW
40°F (5°C)

Quantum Ultra-Complex Advantages

Quantum Ultra-Complex is a liquid foliar fertilizer containing a balanced combination of nitrogen, phosphorus and potassium, as well as a complex of trace elements in chelated and water-soluble form, designed to help prevent nutrient imbalance and aid in the promotion of growth in crops.

- ◆ Prevention and correction of micronutrients deficiency in all crops when used as a part of a balanced fertility program.

Trace metals are chelated with ETDA that prevents unfavorable interactions in tank mixtures.

- ◆ A balanced trace element complex stimulates the basic physiological processes of plants in critical phases of growth and development.
- ◆ Nutrients are stable, readily available for plant uptake.
- ◆ Majors and micronutrients build plant proteins, which improves plant metabolism, strength and vigor.
- ◆ Builds strong root systems, promotes photosynthesis and leaf growth.
- ◆ Low application rate.

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: Use 1 to 8 quarts per acre. Do not use or mix with starter fertilizer.

Seed treatment application: Apply 2 to 6 fl. oz. per cwt of seed.

Foliar Application: Quantum Ultra-Complex may be applied as a foliar application to crops at rates ranging from 1 to 5 pints per acre.

CROPS	FOLIAR APPLICATION RATES
Corn	2 to 4 pt/acre when corn is in the V5 to V9 stage or from VT to R3 (R1 recommended). Tissue samples should be used to determine later usages.
Soybeans (also other beans)	2 to 4 pt/acre when soybeans are in the vegetative stage or earlier reproductive stage. Later application may be needed, tissue samples should be used to determine later usages.
Cereal Crops	2 to 4 pt/acre from tillering to pollination.
Sugar Beets	2 to 4 pt/acre during the second and 10 true leaf stages to development of beet root. Later application may be needed, tissue samples should be used to determine later usages.
Canola	2 to 3 pt/acre between bolting and first bloom. Apply 2 to 4 pt/acre during bloom to pod set as needed. Later application may be needed, tissue samples should be used to determine later usages.
Alfalfa	2 to 4 pt/acre after each cutting. Applications should be made when sufficient re-growth has occurred.
Cotton	2 to 4 pt/acre between pin head square and first bloom. Apply 0.75 to 1.5 pt/acre from first bloom to boll fill as needed. Later application may be needed, tissue samples should be used to determine later usages.
Sunflowers	2 to 4 pt/acre between the second and 10 true leaf stages and again prior to bloom. Later applications may be needed, tissue samples should be used to determine later usages.
Tomatoes, Eggplant, Peppers	Apply 1 to 3 pt/acre starting at pre-bloom or early bloom. Repeat applications may be needed every 10 to 14 days or as tissue samples deem necessary.
Potatoes	0.75 to 1.5 pt/acre from emergence to tuber initiation. Later application may be needed, tissue samples should be used to determine later usages.
Vegetable crops	Apply 1 to 3 pt/acre at 2-leaf stage or when plant is 6-8" height. Repeat applications may be needed every 10 to 14 days or as tissue samples deem necessary.
Turfgrass	Apply 3-6 fl oz per 1,000 sq ft or 1-2 gal per acre [10-20 L per hectare] as needed every 7-14 days.
Nut and Fruit Crops	Apply 2 to 5 pt/acre after leaves emerge, use lower rates early. Increase rates as foliage increases.

Quantum Ultra-Complex is compatible with most pesticides. 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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