

CITRUS: PRE-BLOOM (GROUND)

General Information

GENERAL INFORMATION

For the prevention and correction of Iron Deficiencies in Fruit, Nut, Vegetable and Field Crops

RNA EDTA 5% IRON FULLY CHELATED SOLUTION is designed for application to the soil or directly to the plant. EDTA 5% IRON is highly effective under adverse soil conditions unlike inorganic iron compounds which are tied-up and unavailable to plants. These adverse soil conditions include: high pH (alkaline soil), high salinity, high carbonate levels, high manganese, copper or aluminum in plant tissues, water-logged soils, and clay soils (absorbtion). RNA EDTA Products are water soluble and move well in the soil solution. RNA EDTA products may be applied separately or in combination with fertilizers or pesticides.

Function of Iron in the Plant

Iron is required by the plant for chlorophyll synthesis, plant metabolism, oxidation-reduction in respiration, and is a constituent of enzymes and certain proteins. Typical plant requirements for plants are 0.40 to 0.60 pounds per acre depending upon the crop and yield. Application of RNA EDTA 5% Iron is preferred prior to bloom on fruit and nut crops, and early in a plant's development for row, field, vegetable and ornamental crops. Follow-up applications of RNA EDTA 5% Iron should be made during the growing season, especially on crops susceptible to iron deficiencies such as: beans, grapes, walnuts, pears, strawberries, citrus, and ornamentals. Once a plant has developed a severe iron deficiency, unlike other micronutrient and secondary nutrient deficiencies, the iron deficiency may be difficult to correct.

Limitations, Restrictions, and Exceptions

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Apply with sufficient water for thorough coverage by air prior to bloom with existing spray program.

POST-BLOOM COVER SPRAY: Ground: Apply EDTA 5% Iron Chelate up to one (1) quart per 100 gallons of water with existing spray program. Air: Apply up to one (1) quart per acre with sufficient water for thorough coverage. Repeat applications as required by air or ground with existing spray program. Caution: Combined application rates of EDTA Chelates may not exceed one and onehalf (1 1/2) quarts per 100 gallons of water by ground and one (1) quart per acre with sufficient water for thorough coverage by air.

SOIL APPLICATION: Foliar applications of EDTA Products for deciduous and evergreen trees are preferred over soil applications.

Apply one (1) to three (3) gallons per acre with pesticides, fertilizer, or irrigation water (emitters, drip, or overhead) during active growing season. Correction may not be evident for several weeks.

Method

[Broadcast/Foliar Ground](#)

Rates

[field rates 0](#)

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Timings

[Pre-bloom](#)