

GENERAL RECOMMENDATIONS FOR TREE, FRUIT AND NUT CROPS - PREBLOOM APPLICATIONS (AIR)

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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EDTA 5% Iron Chelate may be made with oil dormant/delayed dormant or with

existing fungicide program pre-bloom.

Caution: Combined application rates of EDTA Chelates may not exceed one-half (1 1/2) quarts per acre with sufficient water for thorough coverage by air.

Unless stated differently in specific recommendations for crops, applications is preferred in the General Recommendations.

Method

[Broadcast/Foliar Air](#)

Rates

[field_rates 0](#)

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Timings

[Pre-bloom](#)