

# **VEGETABLE CROPS: FOLIAR**

## 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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FOLIAR: Apply with sufficient water for thorough coverage with existing spray program.

For quick greening prior to harvest apply one (1) quart per acre with urea.

SOIL: Apply with pesticide, fertilizer, or irrigation water (drip, overhead, or emitter) at one (1) to six (6) quarts per acre. EDTA 5% Iron Chelate may be applied preplant (as near as possible to planting) during planting (close to the seed) or post-emergence as broadcast, layby, shanked, or banded application.

Method

[Foliar spray](#)

Rates

[field rates 0](#)

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Timings

[With existing spray program](#)