

POTATOES - FOLIAR

General Information

GENERAL INFORMATION

RNA EDTA 9% ZINC FULLY CHELATED SOLUTION is designed for application to the soil or directly to the plant. RNA EDTA 9% ZINC is highly effective under adverse soil conditions unlike inorganic zinc compounds that are tied-up and unavailable to the plant. These adverse conditions include: high phosphate soil levels, high pH (alkaline), high salinity, high carbonate levels, and clay soils (adsorption). 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 Zinc in the Plant

Zinc is required by the plant for the growth hormone, seed and grain formation, influences protein synthesis, rate of maturing of seed and stalks, height and length of plants. The typical amount of zinc required by a plant for root, stem, fruit and seed, new wood, and leaves per year is 0.3 to 0.5 pounds per acre depending upon crop and yield. Timing and rates of application are preferred to correspond with high use periods of zinc by the plant. High use periods are early after emergence and prior to pollination.

Limitations, Restrictions, and Exceptions

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Apply up to four (4) quarts per acre with sufficient water for thorough coverage. Preferred applications are shortly after emergence and/or up to 100% bloom with current crop protection program or overhead irrigation water. Repeat applications post-bloom as required. Soil: Please consult general recommendations.

Foliar: Apply up to one (1) quart per acre per application with existing spray program soon after emergence and/or prior to bloom or pollination. EDTA 9% Zinc is equally effective as a foliar or soil application.

Soil: Apply with pesticide, fertilizer, or irrigation water (drip, overhead, or emitter) at one (1) to six (6) quarts per acre. EDTA 9% Zinc 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

[Broadcast/Foliar Air](#)

[Soil](#)

Rates

[field rates 0](#)

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Timings

[After emergence and/or up to 100% bloom.](#)