

# **GENERAL RECOMMENDATIONS: ROW, FIELD AND VEGETABLE CROPS - FOLIAR APPLICATION**

## General Information

### GENERAL INFORMATION

For the Prevention and Correction of Zinc Deficiencies in Vegetable, and Field Crops.

TILL-IT 10% ZINC is 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). TILL-IT products are water soluble and move well in the soil solution. TILL-IT products may be applied separately or in combination with fertilizers or pesticides.

TILL-IT 10% ZINC is designed primarily for soil applications to prevent or correct zinc deficiencies in a wide range of agronomic plants. Its use is suggested as a supplement to a regular, balanced fertilizer program to enhance yields and improve quality.

Application of TILL-IT 10% ZINC is a means of obtaining a quick response to needed elements. Foliar applications of TILL-IT 10% ZINC may be particularly beneficial during periods of peak nutrient demand, for crops grown on soils having poor nutrient availability or to crops suffering from a weakened root system.

TILL-IT 10% ZINC should be used as part of a comprehensive Total Nutrition System for optimizing plant growth, development, yield and quality.

## 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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Application of TILL-IT 10% ZINC is preferred shortly before or after emergence and/or prior to bloom or pollination. Split applications are preferred over a single application.

Foliar: Apply up to 1 quart per acre per application with existing spray program soon after emergence and/or prior to bloom or pollination. 10% Zinc is equally effective as a foliar or soil application.

#### Method

[Foliar spray](#)

#### Rates

[field rates 0](#)

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#### Timings

[Postemergence \(Crop\)](#)