

## **SOIL APPLICATION - TREE & VINE CROPS**

### General Information

#### GENERAL INFORMATION:

ChelStar 14% Zinc Chelate is a fully chelated, water-soluble, powdered form of zinc EDTA useful for prevention and correction of zinc deficiency in crops. Soil application is the preferred application method to prevent zinc deficiency. Foliar application, however, will provide correction when a soil application is impractical.

#### SOIL APPLICATION DIRECTIONS:

ChelStar 14% Zinc Chelate may be used on all soil types. It should be dissolved in water or fluid fertilizer, or dry blended with water-soluble fertilizers for optimal delivery and coverage. For trees or individual plants, ChelStar 14% Zinc Chelate can be blended with an inert (such as soil or sand) or evenly sprinkled directly on the soil under the plant's drip line then watered in. Soil applications can also be made by dissolving in water and then mixing or metering into drip, sprinkler or furrow irrigation systems.

#### FOLIAR APPLICATION DIRECTIONS:

ChelStar 14% Zinc Chelate may be applied in water or in combination with most pesticides. Buffer the spray solution to a pH of 6 to 6.5 for best performance. Thorough coverage and the use of wetting agents often enhance nutrient uptake from foliar sprays. Application rates and dilution factors depend on crop sensitivity, the amount of foliage to be sprayed, and the application method. Avoid applying ChelStar 14% Zinc Chelate when plants are suffering from moisture stress. If in doubt, spray the solution on a small test area of crop or foliage to assess for phytotoxicity or adverse affects before general application.

### Limitations, Restrictions, and Exceptions

#### SOIL APPLICATION

TREE & VINE CROPS (including almond, apple, apricot, avocado, berry, cherry, citrus, grape, mango, olive, pear, peach, pistachio, plum, walnut): Apply ChelStar 14% Zinc Chelate at 4 to 15 lbs. per acre or 0.5 to 2 oz. per inch of tree diameter.

Note: the rates provided above are based on broadcast application. If broadcast

rates are used for spot or banded applications, phytotoxicity may result.

Method

[Soil application](#)

Rates

[field rates 0](#)

[field rates 1](#)

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Timings

[N.A.](#)