

ENHANCE[®] ZINC

Zinc

COMPLEXED MICRONUTRIENTS
To Prevent and Correct Micronutrient Deficiencies

GUARANTEED ANALYSIS

Zinc (Zn)..... 3%

Zinc derived from Zinc Sulphate. Also contains NON PLANT FOOD 3% Humic Acid derived from Leonardite.

KEEP OUT OF REACH OF CHILDREN

WARRANTY: Western Nutrients Corp. makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on the Western Nutrients Corp. label attached to the product container.

NET CONTENTS 5 GALLONS

18.93 LITERS

11.2 LBS. PER GAL @ 68 ° F

1252 GRAMS PER LITER @ 20 ° C



PRODUCT INFORMATION

CROPS

ENHANCE[®] ZINC can be applied to most vegetable crops, row crops, deciduous fruit and nut trees, citrus, avocados, grapes, melons, ornamentals, turf, pasture, range grasses, and most other crops.

ENHANCE[®] ZINC is a liquid micronutrient for foliar and soil application to agricultural crops. ENHANCE[®] ZINC is beneficial in combination with plant food and non-phytotoxic when used as directed. It is absorbed through the leafy tissue and root system of the plant and quickly translocated within the plant. ENHANCE[®] ZINC is compatible with most insecticides, fungicides, herbicides, liquid fertilizer, and other foliar micronutrients. It is used on most field and row crops, trees, vines, turf, and ornamentals. ENHANCE[®] ZINC can also be used as an acidifying and dispersing agent in water solutions.

In the production of a fertile soil, organic substances play a direct part as they are the sources of plant nutrients which are liberated in available forms during mineralization. But organic substances also play an indirect role. Besides being a source of nutrients for the plant, and the most important factor in structure formation, organic matter has also a fundamental effect on the physical properties of the soil, (water-holding capacity) and determines to a large degree such physico-chemical properties as the exchange capacity and buffering properties; these properties are of great importance, not only in controlling the uptake of nutrients by the plant and their retention in the soil, but also in suppressing the deleterious effect of soil acidity. There is also conclusive evidence that quite small amounts of certain organic substances have a definite, positive effect on the growth and development of the plant.

The main benefits of adding organic matter to the soil are improved moisture holding capacity, aeration and water penetration. Improved soil blocks, increased negatively charged colloidal particles (humus) capable of holding and exchanging nutritive cations. Increased buffering effects by decreasing the tendency for an abrupt pH change in the soil when acid or alkaline substances are added. Increased formations of metal complexes, thus stabilizing soil micronutrients that otherwise might not be available.

APPLICATION RATES

SOIL APPLICATION RATES

MAINTENANCE APPLICATIONS:	1 gallon/acre
MODERATE DEFICIENCY	2 gallons/acre
HEAVY DEFICIENCY	4 gallons/acre

In soil applications the usual carrier is water used at a rate sufficient for thorough. ENHANCE[®] ZINC can be applied with liquid fertilizers as a broadcast or banded treatment.

FOLIAR APPLICATION RATES

TREE CROPS 1 gallon/acre

Apply ENHANCE[®] ZINC on tree crops using the following dilution rates:

Aerial application: Use a maximum of 1 gallon ENHANCE[®] ZINC per 5 gallons of water.

Dilute spray: Use a maximum of 4 gallons of ENHANCE[®] ZINC per 200-500 gallons of spray solution.

Concentrated spray: Use a maximum of 2 gallons of ENHANCE[®] ZINC per 50-150 gallons of concentrated spray solution.

If trees are sprayed several times a year the above application rates can be split according to the number of yearly applications. Split applications are considered more beneficial than single applications.

VEGETABLE CROPS 1/2 - 1 gallon/acre
Use a minimum of 10 gallons of water per acre.

FIELD CROPS 1/2 - 1 gallon/acre
Apply ENHANCE[®] ZINC on field crops using the following dilution rates:
Aircraft and low volume sprayers: use a minimum of 10 gallons of water per acre.
Conventional sprayers: use a minimum of 20 gallons of water per acre.

SPREADER

ENHANCE[®] ZINC can be used as a spreader at 1 - 2 quarts per 100 gallons of water.

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MANUFACTURED BY - WESTERN NUTRIENTS CORPORATION

245 Industrial Street, Bakersfield California 93307 • (661) 327-9604 / (661) 327-1740 Fax • (800) 542-6664 Ca. Only
E-mail: info@westernnutrientscorp.com • Website: <http://www.westernnutrientscorp.com>