

CORE Neu-Zinc 52



Zinc for Foliar application

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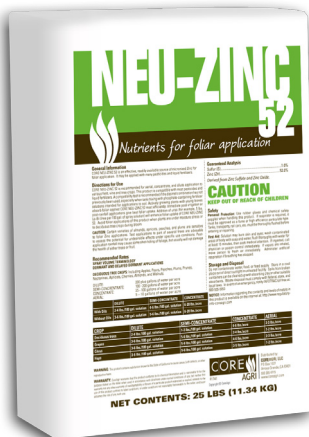
Increase Your Yields!

GENERAL INFORMATION

CORE Neu-Zinc 52 is a highly concentrated micronized form of zinc for foliar applications. It is a proven product that has been successfully used for many years. The unique formulation provides a spray solution that has a neutral pH. The zinc oxide contained in the formulation is finely divided and has the proper micron size so that it is available for foliar uptake. The CORE Neu-Zinc 52 formulation also has a low burn potential.

Why choose CORE Neu-Zinc 52?

CORE Neu-Zinc 52 is used mainly in dormant sprays. Dormant Sprays are often used in tree fruit, citrus, etc. CORE Neu-Zinc 52 can be used in grapes as a foliar product. Zinc deficiency is one of the most widespread plant deficiencies in the US and is a major constraint on crop productivity. However zinc is required by plants at such low levels, evaluating whether a plant is deficient in zinc can be difficult. Spray applications have been the most effective treatments for correcting zinc deficiency in nut (almonds, pecans, pistachios, and walnuts) orchards and grapes along with other vine crops. Zinc is relatively immobile in plants, and deficiency symptoms are typically manifested first in new growth, with stunting, shortened internodes and discoloration of new leaves. In nuts the most critical period of zinc shortage is from budbreak to fruit set, and deficiency results in abnormal development of the pollen tubes, leading to poor seed set.



Product Specs

Product class	fertilizer
Formulation	wettable powder
Weight	52 to 55 lbs/cu ft
Mol. weight of ZnO	81.4
pH of slurry	7 to 7.6
Solubility in water	mainly insoluble
Appearance	off-white powder
Odor	odorless

GUARANTEED ANALYSIS:

Sulfur (S).....1.0%
Zinc (Zn).....52.0%
1.0% Water Soluble Zinc

Derived from: Zinc Sulfate and Zinc Oxide.

Package Sizes: 25 lb bags (50 lb bags available by special request)

Pallet: 80 bags per pallet, 45" x 45"

Function of Zinc in Plants

Zinc is important for the following plant functions and processes:

- precursor of auxins
- synthesis of chlorophyll and functions in photosynthesis and nitrate assimilation.
- activating enzymes in protein synthesis and grain formation.
- seed formation and maturity.

USE RATES AND TIMING

CORE Neu-Zinc 52 is most often recommended at 3 to 6 pounds per 100 gallons of spray solution. Product can be used in both crops oils and water sprays. For additional information please consult the label. Avoid foliar applications of this product when plants are under moisture stress. Avoid foliar applications to deciduous tree crops during bloom.

Product is available from Hanford, CA

This bulletin provides some technical information and is not intended to give complete information for all applications. Always read and follow label directions.



FOR MORE INFORMATION, LABELS, MSDS and a COMPLETE PRODUCT LIST:

- log onto www.CoreAgri.com
- contact your sales representative
- or call: 1-800-385-4715

COREAGRI, LLC

P.O. Box 1027 • Arroyo Grande, CA 93420 • USA
customerservice@coreagri.com | 800-385-4715

Product List: www.CoreAgri.com