

Made in
The USA

CORE ZINC SULFATE 12% SOLUTION | FOLIAR AND SOIL APPLICATION

CORE ZINC SULFATE 12%



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For correction or prevention of zinc deficiency in agricultural crops, nuts, vegetable crops, and ornamentals

GENERAL INFORMATION

Core Zinc Sulfate 12% is a high purity zinc sulfate solution for foliar and soil application. Core Zinc Sulfate 12% is highly available and absorbed by leaves and the root system, because of the high water solubility of zinc sulfate. Core Zinc Sulfate 12% is one of the most economical forms of all liquid zinc salts.



GUARANTEED ANALYSIS:

Sulfur (S).....5.5%
Zinc (Zn).....12.0%

Derived from zinc sulfate.

Contains 0.63 pounds of sulfur and 1.38 pounds of zinc.

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.

WHY CHOOSE CORE ZINC SULFATE 12%?

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. 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.

USE RATES AND TIMING

The product is recommended to be applied early in the growing season. For detailed rates and timing consult the Core Zinc Sulfate 12% label.

STORAGE

Store this product in stainless steel, fiberglass, polyethylene, or certain other plastic materials. Aluminum tanks are not recommended for storage of this product.

Package Sizes: Bulk

Product is produced in Hanford, CA - USA

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

TECHNICAL SPECIFICATIONS

Product class:	fertilizer
Formulation:	liquid
CAS #:	7733-02-0
Gallons per ton:	183.5
Weight/ gallon:	11.5 pounds
Specific gravity:	1.38
pH:	2 to 4
Baume:	39.93
% Zn SO₄-H₂O:	33.09%
Solubility in water:	miscible
Appearance:	colorless to pale yellow
Odor:	None
Salt out temperature:	16.5°F



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

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