



5% MANGANESE CHELATE SOLUTION

READ ENTIRE CONTAINER LABEL BEFORE USING THIS PRODUCT

GUARANTEED ANALYSIS: 5-0-0
 Total Nitrogen (N) 5.0%
 2.5% Ammoniacal Nitrogen
 2.5% Other water soluble nitrogen
 Manganese (Mn) 5.0%
 5% Chelated Manganese
 Derived from manganese diammonium ethylenediaminetetraacetate
 (Mn (NH₄)₂ EDTA)

NET WEIGHT: 9.92 lbs./gallon

KEEP OUT OF REACH OF CHILDREN CAUTION

May cause eye or skin irritation with prolonged or repeated contact. Prolonged or repeated contact with mist may cause respiratory tract irritation. Trisodium nitrilotriacetate is listed on the IARC carcinogen list as a suspect carcinogen based on animal testing. Avoid contact with eyes, skin and clothing. Avoid breathing mist. Wash thoroughly after handling. Use only with adequate ventilation. Keep container closed.

Protective Equipment: Goggles, impervious gloves, and impervious clothing to prevent skin contact. If mist is present, use an organic vapor respirator with a prefilter for mist.

FIRST AID: EYE - Flush with water for 15 minutes. Contact a physician
SKIN - Remove contaminated clothing and flush area with water for 15 minutes. Contact a physician if irritation develops.

INHALATION - Remove from contaminated atmosphere. If needed, give artificial respiration then oxygen.

INGESTION - Do not induce vomiting. Contact a physician immediately. Give large quantities of water. Do not give an unconscious person anything by mouth.

GENERAL PRODUCT INFORMATION

First Choice 5% Manganese Chelate Solution is a fully chelated solution of manganese EDTA and is recommended for the prevention and correction of manganese deficiency in crops. The preferred use is as spray to provide correction when a soil application is impractical.

NOTICE: Extreme caution should be used as these rates depend on crop sensitivity a soil application to prevent the deficiency although it may also be used as a foliar. Consult your Western Farm Service crop consultant prior to application.

State of Washington

After July 1, 1999, information received by the Washington State Department of Agriculture regarding the components in this product is available on the internet at <http://www.wa.gov/agr/>.

DIRECTIONS FOR USE

SOIL APPLICATION: **First Choice 5% Manganese Chelate Solution** is recommended for use on all types of soils. Because this is a concentrated solution, it should be diluted before use to ensure uniform coverage. This dilution may be made in fertilizer solutions, water or with compatible pesticides (use the standard jar test to determine compatibility). Soil applications may be made by drip, sprinkler or furrow irrigation, or in band or broadcast fertilizer applications. For trees or individual plants, the chelate may be diluted as above or sprinkled on the soil uniformly under the plant's drip line then watered in. THE RATES BELOW ARE BASED ON BROADCAST APPLICATION. IF BROADCAST RATES ARE USED FOR SPOT OR BANDED APPLICATIONS, PHYTOTOXICITY MAY RESULT.

VEGETABLE CROPS including beans, peas, potatoes, sweet corn and tomatoes: 2 to 8 quarts per acre.

FIELD CROPS including corn, dry beans, sorghum, sugar beets and sugar cane 2 to 8 quarts per acre.

TREES AND VINE CROPS including almond, apple, apricot, avocado, berry cherry, citrus, grape, olive, pear, peach, pistachio, plum and walnuts: 2 to 10 quarts per acre or 1 to 5 TBSP. per inch of tree diameter.

ORNAMENTAL SHRUBS AND TREES including azaleas, gardenias, junipers, pines and roses: 2 TBSP. for small shrubs and up to 2 TBSP. per inch of tree diameter for large trees and shrubs.

LAWNS AND TURF: 1 pint per 10,000 square feet.

FOLIAR APPLICATION: **First Choice 5% Manganese Chelate Solution** may be applied in water or in combination with most pesticides. After the correct dilution has been made, the spray solution should be buffered to pH 6-6.5. 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 THIS PRODUCT WHEN PLANTS ARE SUFFERING FROM MOISTURE STRESS.** If there is any doubt, apply the spray solution to a small test area of the crop or foliage to assess any undesirable effects of phytotoxicity before general application.

TREES, citrus: Apply 1 pint to 1 quart per 100 gallons of cover spray any time except during bloom.

TREES AND VINE CROPS: Apply 1 pint to 1 quart per acre in sufficient spray volume for thorough coverage (25 gallon minimum) at dormant/delayed dormant before bloom, then after full bloom at 2 to 3 week intervals as needed.

VEGETABLE AND FIELD CROPS (Ground Equipment): Apply 1 pint to 1 quart per acre in sufficient spray volume for thorough coverage (25 gallon minimum).

AERIAL APPLICATION: Apply 2 to 1 pint per acre in at least 10 gallons of water. For application timing and frequency, refer to appropriate foliar application recommendations above.

NOTICE: These recommendations should be used only as a general guide for the application of First Choice Chelates. The suitability of specific First Choice Chelates for particular crops, the appropriate usage rates and application techniques can be affected by local conditions and agronomic practices including crop characteristics, soil and climate conditions and cultural practices. These variables make it impossible for Western Farm Service, Inc. to formulate universal product recommendations.

CONDITIONS OF SALE AND WARRANTY

1. Seller warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon, Seller neither makes nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

2. Critical and unforeseeable factors beyond seller's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon, and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by seller under 1. above) resulting from handling, storage and use of the material.

NET CONTENTS: _____ GALLONS

Manufactured by:
WESTERN FARM SERVICE, INC.
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