



5% MANGANESE CHELATE SOLUTION

GENERAL INFORMATION

SEQUESTAR 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 a soil application to prevent the deficiency although it may also be used as a foliar spray to provide correction when a soil application is impractical.

DIRECTIONS FOR USE

FOLIAR APPLICATION: SEQUESTAR 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 or phytotoxicity before general application.

FOLIAR APPLICATION RECOMMENDATIONS

TREES (CITRUS):	Apply 1 pint to 1 quart per 100 gallons of cover spray any time except during bloom.
TREES & VINE CROPS (excluding citrus):	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. NOTE: For smooth skinned fruit (peach, pear, apple, etc.) apply 1 pint per acre in 50-100 gallons of water.
VEGETABLE & FIELD CROPS (ground eqpt.):	Apply 1 pint to 1 quart per acre in sufficient spray volume for thorough coverage (25 gallon minimum).

GUARANTEED ANALYSIS

5-0-0

Total Nitrogen (N) 5.0%
 2.5% Ammoniacal nitrogen
 2.5% Other water soluble nitrogen
 Manganese (Mn) 5.0%
 5.0% Chelated manganese

Derived from manganese diammonium ethylenediamine-tetraacetate (Mn(NH₄)₂ EDTA).

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-monterey.com>

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

CONDITIONS OF SALE AND WARRANTY

Monterey AgResources (MAR) warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated when used in accordance with the use directions under normal conditions. MAR neither makes, nor authorizes any agent or representative to make, any other warranties, express or implied, including fitness or merchantability.

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, presence of other materials, or other influencing factors, all of which are beyond the control of MAR and Seller. Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material not in strict accordance with directions given herewith. In no case shall MAR or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by MAR and is accepted as such by the Buyer.

SEQUESTAR is a registered trademark of Monterey Chemical Company.

NET CONTENTS: 5 GALLONS / 18.9 L



Manufactured for:

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 Fresno, CA 93745
 (559) 499-2100

SOIL APPLICATION: SEQUESTAR 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 systems or in band or broadcast fertilizer applications. For trees or individual plants, the chelate may be diluted as above or sprinkled directly on the soil uniformly under the plant's drip line, then watered in.

SOIL APPLICATION RECOMMENDATIONS

VEGETABLE CROPS including beans, peas, potatoes, sweet corn, tomatoes:	2 to 8 quarts per acre
FIELD CROPS including corn, dry beans, sorghum, sugar beets, sugarcane:	2 to 8 quarts per acre
TREE AND VINE CROPS including almond, apple, apricot, avocado, berry, cherry, citrus, grape, olive, pear, peach, pistachio, plum, walnut:	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, roses:	2 Tbsp. for small shrubs and up to 2 Tbsp. per inch of tree diameter for large trees and shrubs
TURF:	8 oz. per 1,000 sq. ft. or 2.75 gallons per acre

The rates given in the table above are based on broadcast application. If broadcast rates are used for spot or banded applications, phytotoxicity may result.

AERIAL APPLICATION: Apply 1/2 to 1 pint of SEQUESTAR 5% MANGANESE CHELATE SOLUTION per acre in at least 10 gallons of water. For application timing and frequency, refer to appropriate foliar application recommendation on left panel.