



MONTEREY PREMIUM MANGANESE 5%

Alkaline-based Chelate

READ THIS LABEL CAREFULLY

GUARANTEED ANALYSIS

3.5-0-0

Total Nitrogen (N)	3.5%
3.5% Ammoniacal Nitrogen	
Manganese (Mn)	5.0%
5.0% Chelated Manganese	

Nitrogen derived from ammonium hydroxide and diammonium ethylenediaminetetraacetate;
Manganese from manganese chelates of diammonium ethylenediaminetetraacetate [(NH₄)₂
EDTA] and citrate.

CAUTION:

KEEP OUT OF REACH OF CHILDREN

CONDITIONS OF SALE AND WARRANTY

Monterey Chemical Company 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. Monterey Chemical Company 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 Monterey Chemical Company 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 Monterey Chemical Company 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 Monterey Chemical Company and is accepted as such by the Buyer.

Net Contents: 5 Gallons / 18.93 Liters

Wt. Per Gallon: 10.3 Lbs.

This product is manufactured by:

MONTEREY CHEMICAL COMPANY

P. O. Box 5317 • Fresno, CA 93755 • (209) 499-2100

GENERAL INFORMATION

MONTEREY PREMIUM MANGANESE 5% can be used for economical correction of manganese deficiency of vegetables, row crops, deciduous trees and vines, citrus and avocados, and turf and ornamental plants. MONTEREY PREMIUM MANGANESE 5% is formulated to be especially compatible with alkaline solutions (pH higher than 7.0). It is predominantly intended for soil applications but may also be foliarly applied.

DIRECTIONS FOR USE

SHAKE, STIR OR SWIRL CONTENTS BEFORE USING

MIXING:

Fill clean spray tank 1/3 to 1/2 full with water or liquid fertilizer. Add MONTEREY PREMIUM MANGANESE 5%, continue filling tank and thoroughly agitate the solution.

COMPATIBILITY:

MONTEREY PREMIUM MANGANESE 5% is compatible with most pesticides and fertilizers. However, a compatibility test is recommended if the desired combination has not been used in the past.

SOIL OR DRIP IRRIGATION APPLICATIONS:

MONTEREY PREMIUM MANGANESE 5% may be applied to row crops at 1 to 12 quarts per acre or to tree crops at 1/2 to 3 quarts per tree, depending upon severity of manganese deficiency. Applications with nitrogen containing fertilizers may enhance results.

FOLIAR APPLICATIONS:

Mix 1 to 2 quarts MONTEREY PREMIUM MANGANESE 5% per 100 gallons diluent, then buffer solution to pH 6 - 6.5. Lower rates may be used if desired. Finished spray may be applied by ground sprayer or through overhead sprinkler systems equipped with anti-syphon or backcheck valves (to prevent contamination of water source by back flow).

Thorough coverage and wetting are needed for optimum foliar spray results. Immediate post-irrigation or post-rainfall applications give best foliar uptake. Addition of urea (for example, 5 lbs. Lo-Bi Urea per 100 gallons of spray solution) will enhance foliar uptake of MONTEREY PREMIUM MANGANESE 5%.

AVOID foliar applications of this product when plants are under moisture stress. AVOID foliar applications to deciduous tree crops during bloom.

CAUTION: Certain crop varieties may be sensitive to foliar applications of MONTEREY PREMIUM MANGANESE 5%. Test applications to part of the crop are advisable to assess the potential for undesirable effects under specific conditions.

LOT #

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