



LIQUID MANGANESE SULFATE 7%

READ ENTIRE CONTAINER LABEL BEFORE USING THIS PRODUCT

GUARANTEED ANALYSIS:

Sulfur (S) 4.0%
Manganese (Mn)..... 7.0%
Derived from Manganese Sulfate.
Contains 0.73 pounds of Manganese (Mn) per gallon.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

CONTACT MAY CAUSE EYE IRRITATION
Avoid contact with eyes and prolonged contact with skin. In case of contact, flush eyes with plenty of water for at least 15 minutes and get prompt medical attention, wash skin thoroughly with soap and water.

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

GENERAL INFORMATION

FIRST CHOICE LIQUID MANGANESE SULFATE 7% is a liquid source of manganese which can be used in foliar or soil applications to prevent and correct manganese deficiencies. It is manufactured under conditions of strict quality control and can be stored at temperatures down to 29 F. FIRST CHOICE LIQUID MANGANESE SULFATE 7% can be applied with most insecticides, fungicides, herbicides, and other foliar nutrients. FIRST CHOICE LIQUID MANGANESE SULFATE 7% is compatible with most water-dispersed herbicides. For best results, split recommended rate into 2 or more applications. Begin at spring flush of growth or when deficiencies are first noted to ensure new growth is receiving an adequate supply of manganese. FIRST CHOICE LIQUID MANGANESE SULFATE 7% readily disperses in water and may be combined with many pesticides. When mixing with pesticides, disperse FIRST CHOICE LIQUID MANGANESE SULFATE 7% in spray water first then add pesticide.

DIRECTIONS FOR USE

A high quality non-ionic surfactant may be used to improve coverage and efficacy. Avoid making applications to crops stressed from heat, drought, salinity, etc. FIRST CHOICE LIQUID MANGANESE SULFATE 7% may be used on all field, forage, fruit, nut and vegetable crops destined for fresh market or processing.

FOLIAR SPRAY
General Application Rates for Minor Element Deficiency:
Maintenance Application - 1-2 quarts per acre on row crops and vegetable crops per season. 1-4 quarts per acre on trees and vines per season.
Deficiency - 12 - 3 quarts per acre on row crops and vegetable crops/season. 4-8 quarts per acre on trees and vines per season.
Grapes - Do not spray during bloom or early buckshot stage.

Applications of FIRST CHOICE LIQUID MANGANESE SULFATE 7% can be made by helicopter, fixed wing aircraft, ground rigs, concentrate or dilute. FIRST CHOICE LIQUID MANGANESE SULFATE 7% also can be applied through sprinkler irrigation systems.

Field and row crops will require 20 to 50 gallons of water per acre. Concentrate applications will require from 5 gallons of water per acre. For optimum results complete coverage is essential. **NOTE: except as experience otherwise dictates, for concentrate applications of ten gallons mix/acre or less, do not use more than 1 pint of FIRST CHOICE LIQUID MANGANESE SULFATE 7%/acre/application.** Applications should be made during the early growing stage. Optimum timing of applications to foliage should be made in early daylight hours or at night. Midday applications are not phytotoxic, but can reduce the effectiveness of the product.

SOIL APPLICATIONS

FIRST CHOICE LIQUID MANGANESE SULFATE 7% is compatible with many liquid fertilizers. As a good practice, always premix a small batch to check. High levels of potash may be incompatible. Use rates at 1 2 to 2 times foliar rates when broadcast on soil. Use foliar rates if banded or applied in drill row.

FIRST CHOICE LIQUID MANGANESE SULFATE 7% may be combined with many herbicides in pre or post, banded or broadcast programs, at same rates recommended for liquid fertilizers.

CONDITIONS OF SALE AND WARRANTY

1. Western Farm Service, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose stated when used in accordance with the use directions under normal conditions. Western Farm Service, Inc. 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 unfavorable factors beyond Western Farm Service, Inc.'s, control prevent it from eliminating all risks in connection with the use of this material. Such risks occur even though the product is reasonably fit for the uses stated herein and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material (except for those assumed by Western Farm Service, Inc. in (1) above. Western Farm Service, Inc. shall not be liable for incidental or consequential damages.

KEEP FROM FREEZING - DO NOT STORE BELOW 26 F

NET CONTENTS: 5 GALLONS/(18.925 LITERS)
NET WEIGHT: 10.32 lbs./gallon (1.237 kgs./liter)

Manufactured for:
WESTERN FARM SERVICE, INC.

P. O. Box 1168
Fresno CA 93715

FIRST CHOICE® is a registered trademark of Western Farm Service, Inc.