



MANGANESE 5%

GENERAL INFORMATION

FOLI-GRO® MANGANESE 5% is formulated primarily for foliar applications to prevent or correct manganese deficiencies in a wide range of agronomic and ornamental plants. Its use is suggested as a supplement to a regular, balanced fertilizer program to enhance yields and improve quality.

Application of **FOLI-GRO MANGANESE 5%** is a means of obtaining a quick response to needed elements. Foliar applications of **FOLI-GRO MANGANESE 5%** may be particularly beneficial during periods of peak nutrient demand, for crops grown on soils having poor nutrient availability or to crops suffering from a weakened root system. Avoid foliar nutrient applications to crops during periods of moisture, salinity or heat stress. Applications of foliar nutrients to sensitive crops such as leafy vegetables or soft-skinned fruits during periods of excessive temperatures may cause cosmetic injury.

FOLI-GRO MANGANESE 5% should be used as part of a comprehensive Total Nutrition System® for optimizing plant growth, development, yield and quality.

DIRECTIONS FOR USE

FOLI-GRO MANGANESE 5% may be applied as a foliar spray by air or by ground. Maintain agitation to provide uniform distribution within the spray tank. Thorough and even spray coverage is essential for maximum nutrient uptake and crop safety. Always include a high quality wetting agent, such as R-11® or SYL-COAT™, at recommended rates. Optimum rate of application will vary based on a variety of factors including degree of need or deficiency, growth stage, yield potential, environmental conditions, existing soil fertility levels, etc.

FOLIAR APPLICATIONS (Ground or Air): Apply the recommended amount of **FOLI-GRO MANGANESE 5%** per acre per application throughout the growing season as needed to maintain adequate levels for growth. Severe deficiencies may require more frequent applications. Use sufficient water to ensure good coverage. Do not exceed 1 quart per gallon of water. If applied too concentrated, slight burning of the foliage may occur.

SOIL APPLICATIONS: Use 2-4 quarts of **FOLI-GRO MANGANESE 5%** per acre as a preplant or side-dress application. Dilute with water for more uniform application. Always determine compatibility before preparing the application mix.

IRRIGATION SYSTEM APPLICATIONS (Soil, Drip or Sprinkler): **FOLI-GRO MANGANESE 5%** may be applied through irrigation systems at a rate of ½-1½ gallons per acre. Before applying with other fertilizers always check compatibility. Contact your local Wilbur-Ellis representative for more information.

Fill spray tank 1/3 to 1/2 with water. With agitator running add **FOLI-GRO MANGANESE 5%**. Agitate while adding remaining water and any other fertilizer. Add pesticide last and continue to agitate. Agitate well prior to spraying if mix has been left standing for a short time. Optimum rate of application will vary between fields, depending on soil pH and organic matter content. For best results, follow soil test or plant analysis recommendations.

BLUEBERRIES, CANEBERRIES, CRANBERRIES AND STRAWBERRIES: Apply 1-2 quarts of **FOLI-GRO MANGANESE 5%** as needed. Do not apply after fruit set.

FIELD CROPS (Including but not limited to corn, cotton, peanuts, sorghum, soybeans and sugar beets): Apply 1-4 quarts per acre at the appropriate stages of growth and development.

GUARANTEED ANALYSIS

Sulfur (S)2.00%
Manganese (Mn)5.00%

Derived from Manganese Sulfate complexed with Lignosulfonate.

KEEP OUT OF REACH OF CHILDREN



WARNING

Harmful if swallowed.

PRECAUTIONARY STATEMENTS

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

FIRST AID

In all cases, call a poison control center or doctor for further treatment advice.
IF SWALLOWED: Call a poison control center or doctor if you feel unwell. Rinse mouth.

For chemical spills, leaks, fire or exposure,
call CHEMTREC: (800) 424-9300.

STORAGE AND DISPOSAL

Store in a safe manner. Store in original container only and keep tightly sealed when not in use. Store product and dispose of unused product and empty containers in accordance with federal, state and local regulations.

FORAGE CROPS (Including but not limited to alfalfa, clover and pasture): Apply 1-4 quarts per acre at the appropriate stages of growth and development.

GRASS SEED AND TURF: Apply 1-4 pints of **FOLI-GRO MANGANESE 5%** per acre in the normal spray program. For specific recommendations consult with the Wilbur-Ellis representative in your area.

SMALL GRAIN CROPS (Including but not limited to barley, oats, rice, rye, and wheat): Apply 1-2 pints **FOLI-GRO MANGANESE 5%** per acre per application between tillering and boot stage.

TREE AND VINE CROPS (Including but not limited to almonds, grapes, hazelnuts and walnuts): Apply 1-4 quarts per acre at the appropriate stages of growth and development, but before fruit set. **Note:** Before applying to pome or stone fruit, consult your Wilbur-Ellis representative or licensed consultant.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>

VEGETABLE CROPS (Including but not limited to carrots, cole crops, cucurbits, lettuce, melons, onions, potatoes, and tomatoes): Apply 1-6 pints per acre at the appropriate stages of growth.

COMPATIBILITY

FOLI-GRO MANGANESE 5% is compatible with many co-applied nutrient sources as well as plant protection products. Always jar test new combinations for compatibility prior to field mixing.

Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using the product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of the product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of many different factors including, without limitation, manner of use or application, weather, combination with other products, or crop conditions. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Manufacturer and Seller harmless from any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label. EXCEPT FOR THIS WARRANTY, THE PRODUCT IS FURNISHED "AS-IS," AND NEITHER SELLER NOR MANUFACTURER MAKES ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT; SELLER AND MANUFACTURER SPECIFICALLY DISCLAIM ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer and User accept all risks arising from any use of this product, including without limitation uses contrary to label instructions, under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Manufacturer.

To the extent permitted by law, neither Manufacturer nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE BUYER OR USER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT, OR, AT THE ELECTION OF MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

These Conditions of Sale and Limitation of Warranty and Liability shall be interpreted in accordance with the laws of the State of California, excluding its conflicts of laws rules, and may not be amended by any oral or written agreement.

WILBUR-ELLIS logo, Ideas to Grow With, FOLI-GRO, R-11, and Total Nutrition System are registered trademarks, and SYL-COAT is a trademark of Wilbur-Ellis Company.

K-040716

Manufactured by: **WILBUR-ELLIS COMPANY LLC**
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NET CONTENTS:

Lot #

GALLONS (

Liters)

WEIGHT PER GALLON: 9.84 POUNDS at 68°F