

Micro-Plus Manganese



SPECIMEN

GUARANTEED ANALYSIS

Manganese (Mn)5%
5% Complexed Manganese

Derived from manganese chloride complexed with citric acid

F2399

Z-MPMN

Rev: 21C10

Density: 9.9 lb/gal (1.19 kg/L) @ 68°F (20°C)

NET CONTENT

- 2.50 gal (9.5 L)
- 2.64 gal (10.0 L)
- 5.00 gal (18.9 L)
- 5.28 gal (20.0 L)
- 55.00 gal (208.2 L)
- 275.00 gal (1041.0 L)
- BULK

NET WEIGHT

- 24.8 lb (11.2 kg)
- 26.1 lb (11.9 kg)
- 49.5 lb (22.5 kg)
- 52.3 lb (23.7 kg)
- 544.5 lb (247.3 kg)
- 2722.5 lb (1236.7 kg)

CAUTION

KEEP OUT OF REACH OF CHILDREN; MAY BE HARMFUL IF SWALLOWED, INHALED OR IN CONTACT WITH SKIN; MAY CAUSE EYE IRRITATION. MAY CAUSE DAMAGE THROUGH PROLONGED EXPOSURE.

PRECAUTIONS:

Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in well-ventilated area. Avoid release to environment. Wear protective gloves/protective clothing/eye protection/face protection. Keep container tightly closed. Keep cool and protected from sunlight.

If medical advice is needed, have product container or label at hand. For more details regarding the safe use/handling, storage, and disposal of this product as well as additional hazards and first aid measures, please obtain the current Safety Data Sheet at www.stollerusa.com.

STORAGE AND DISPOSAL

MICRO-PLUS products are complexed with medium corrosivity. It is recommended that **MICRO-PLUS MANGANESE** be stored in fiberglass, polyethylene or polyolefin. We recommend storing pails a maximum of three pails high. Do not stack pallets. Store container tightly closed in a cool/well-ventilated dry place protected from sunlight above 40°F. Do not allow container to freeze. Store locked up. DISPOSE of contents/container at a permitted facility or as advised by your local regulatory authority. Do not contaminate water, food or feed by storage or disposal. Do not apply directly to areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment wash water. Do not reuse empty container.

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

Always read and follow label instructions.

Manufactured and Guaranteed by Stoller Enterprises, Inc.

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GENERAL INFORMATION

MICRO-PLUS MANGANESE is a soil or foliar applied micronutrient and is non-phytotoxic when used as directed.

DIRECTIONS FOR USE

Crop yield / plant growth may be compromised if the product is not used according to label directions.

RECOMMENDED USES

FOR FERTILIZER IMPREGNATION:

MICRO-PLUS MANGANESE can be coated on dry blend fertilizer to supply the needed micronutrient to crops. Apply **MICRO-PLUS MANGANESE** at 0.5 to 1 gallon per ton of fertilizer.

FOR SOIL APPLICATION:

MICRO-PLUS MANGANESE can be incorporated in liquid fertilizer or applied separately at the following rates:

- Maintenance application: 1 quart per acre
- Moderate micronutrient deficiency: 2 to 4 quarts per acre
- Heavy micronutrient deficiency: 4 to 6 quarts per acre

MICRO-PLUS MANGANESE is formulated to be used in Stoller liquid fertilizers, Nitro-Plus, Foli-Zyme, and nitrogen solutions. When mixing into polyphosphate containing fertilizers, dilute with nitrogen solution before adding to fertilizer mixture.

FOR FOLIAR SPRAY APPLICATION:

Vegetables: All beans, broccoli, cabbage, cauliflower, carrots, celery, lettuce, melons, onions, peppers, potatoes, peanuts, sweet corn, spinach, strawberries, tomatoes, turnips, watermelons. Apply 1 quart per acre (2.4 liters per hectare) per application. Apply every 10 to 14 days, maximum of 4 applications.

Field Crops: Alfalfa, barley, canola, corn, cotton, flax, milo, oats, soybeans, sugar beets, sugar cane, wheat. Apply 1 quart per acre (2.4 liters per hectare) per application. Apply every 2 to 3 weeks, maximum 4 applications.

Tree and Vine Crops: Almonds, apples, avocados, citrus, grapes, nectarines, pears, peaches, pecans, plums, walnuts. Apply 1 quart per acre when fully leafed out, repeat 3 to 4 times per year.

▶ Do not exceed one quart per acre per application for foliar sprays.

Foliar apply **MICRO-PLUS MANGANESE** in minimum of 20 gallons of water per acre (180 liters per hectare) through conventional equipment or 5 gallons of water per acre (45 liters per hectare) when using ultra low volume equipment.

MIXING INSTRUCTIONS: Follow this mixing order - (1) Water (2) **MICRO-PLUS MANGANESE** (3) Pesticide. **MICRO-PLUS MANGANESE** will disperse in water with little agitation. **MICRO-PLUS MANGANESE** is compatible with most fertilizers and pesticides. Always conduct a jar test when using new or untried combinations. The addition of 0.5% (total solution) of nitrogen solution, ammonium sulfate, or low biuret urea may aid leaf absorption.

Notice: The information contained herein is true and accurate to the best of our knowledge and belief, but is presented without guarantee since field conditions and use are beyond our control. Neither the manufacturer nor the seller makes any warranty, expressed or implied concerning the use of this product other than indicated on the label. Buyer assumes all risk of use of this material when such use is contrary to label instruction. Read and follow the label directions carefully.

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than an officer of Seller, is authorized to make any warranty, guarantee of direction concerning this product. 2. Because of time, place, rate of application and other conditions of use are beyond seller's control, Seller's liability from handling, storage and use of this product is limited to replacement of product or refund of purchase price.

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