



# MANGANESE

## INSTRUCTIONS

**PREPARATION:** Shake well before use. Can be applied in combination with compatible plant growth regulators, pesticides, or other liquid fertilizers. If compatibility is in question, jar test a small quantity. Do not foliarly apply this product in concentrations greater than 10% without a preliminary foliar test.

**APPLICATION:** Designed for soil and/or foliar application. This product supplies nutrients and/or biostimulants to plants and should be applied when tissue and soil analysis identifies the need and proper rate of application for this product. Best results will be obtained when application is concentrated in the active root zone or on the plant surface. Apply foliar sprays with sufficient water to ensure uniform coverage without running off leaf surfaces. For maximum results, apply early in the morning or in the evening when air temperatures are optimum for foliar application. Full label rates can be applied as often as every 7–10 days, as needed.

**CONDITIONS:** Do not apply nutrients during the hottest time of the day or to plants under drought or flood stress. Application timing, intervals, and rates may vary according to individual plant requirement, stage of development, available nutrient levels in the soil, and overall nutritional status of the plants.

**CONSULT:** Consult your local Huma® Representative or agricultural/turf/horticultural specialist for use-specific recommendations.

**STORAGE & DISPOSAL:** Do not store this product below 50°F (10°C) or above 90°F (30°C). Keep product in original container. Do not transfer into food or drink containers. Triple rinse container when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations.

**DISCLAIMER:** This product is intended as a supplement to a regular fertilization program and will not, by itself, provide all the nutrients normally required by plants.

## GUARANTEED ANALYSIS

Sulfur (S) .....	2.5%
2.5% Combined Sulfur	
Manganese (Mn) .....	5.0%
5.0% Water Soluble Manganese (Mn)	

Derived from Manganese Sulfate

ALSO CONTAINS BENEFICIAL SUBSTANCES:

4.5% Organic Matter

## SHAKE WELL BEFORE USE

Do not foliarly apply this product in concentrations greater than 10% without a preliminary foliar test.

Full label rates can be applied as often as every 7 to 10 days, as needed.

## APPLICATION

METHOD	SUGGESTED RATE		
	Field Crops	Tree or Vine Crops	Turf or Horticulture
Foliar band application at 50% coverage	Up to 1 cup/ac, 700 mL/ha	—	Up to 0.5 oz/1000 ft <sup>2</sup> 16 mL/100 m <sup>2</sup>
Foliar broadcast or sprinklers: solid, set, linear, or pivot (100% speed)	Up to 1 pt./ac, 125 L/ha	Up to 1 qt./ac, 2.5 L/ha	Up to 1 oz./1000 ft <sup>2</sup> 35 mL/100 m <sup>2</sup>
Soil banded or injected through drip tape or micro sprinklers	Up to 1 pt./ac, 125 L/ha	Up to 1 qt./ac, 2.5 L/ha	Up to 1 oz./1000 ft <sup>2</sup> 35 mL/100 m <sup>2</sup>
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 1 qt./ac, 2.5 L/ha	Up to 2 qt./ac, 5 L/ha	Up to 2 oz./1000 ft <sup>2</sup> 70 mL/100 m <sup>2</sup>

10.35 lb per gallon @ 68°F.  
1.24 kg per liter @ 20°C.  
pH 1.0–2.0

2.5 gallons • Net Wt. 25.88 lb  
9.46 liters • Net Wt. 11.73 kg

Lot No. 12345678

## SAFETY

**KEEP OUT OF REACH OF CHILDREN**

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

The liquid and mists may cause irritation to the eyes, skin, and respiratory tract. This product may be toxic by ingestion or inhalation of high mist concentrations. The NIOSH IDLH for manganese compounds is 500mg/m<sup>3</sup> (as Mn).

**CLASSIFICATION:** HAZARD CATEGORY 3—MILD SKIN IRRITATION

**SIGNAL WORD:** WARNING

**HAZARD STATEMENT:** H316—WARNING—Causes mild skin irritation.

**PRECAUTIONARY STATEMENT:** P332+P317—If skin irritation occurs, get emergency medical help.

**PRODUCT CHARACTERISTICS:** A clear, light pink liquid having a characteristic odor. The color, pH, specific gravity, as well as the smell, can vary as this product is a formulation made with organic and organically active ingredients. Variations may occur due to changes in temperature, atmospheric pressure, weather conditions, and/or exposure to light from when the product leaves the factory until it reaches the final consumer.

**CONDITIONS OF SALE:** The information contained on this label is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, plant and soil conditions, and other factors are beyond the control of the seller.

This product is powered by Micro Carbon Technology®.

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