

Manganese



Guaranteed Analysis

| | |
|-----------------------------------|------|
| Sulfur (S)..... | 2.5% |
| 2.50% Combined Sulfur (S) | |
| Manganese (Mn)..... | 5.0% |
| 5.0% Water Soluble Manganese (Mn) | |

Derived From:

Manganese Sulfate.

Also contains beneficial substances:

4.5% Organic Matter (derived from humic substances)

Physical Properties:

Form: Liquid

Appearance: Clear, light pink, having a characteristic odor.

Weight: 10.35 lb/gal, 1.24 kg/L

pH: 1.0–2.0

Caution:

Keep out of reach of children. Harmful if swallowed. This product may be toxic by ingestion or inhalation of high mist concentrations. The liquid and mists may cause irritation to the eyes, skin, and respiratory tract.

Storage and 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.

Conditions of Sale:

The information contained in this bulletin 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.

For more info on this product:



The Solution for Improved Manganese Nutrition in Plants

Huma® Manganese, carbon-complexed with Micro Carbon Technology®, ensures efficient and effective uptake of manganese, which is a micronutrient involved in many plant metabolic activities including photosynthesis, enzyme activity, and nutrient regulation.

Benefits of Use:

- An enzyme activator that aids in chlorophyll synthesis
- Closely associated with the micronutrients copper and zinc
- Activates the lipid enzymes
- Essential for assimilation of carbon dioxide in photosynthesis
- Functions in the formation of riboflavin, ascorbic acid, and carotene
- Improves formation of lateral roots

Deficiency Symptoms—When to Apply:

- Chlorosis and/or mottling due to manganese deficiency
- Plants may be pale green to yellow-red in color between green veins on soybeans, tomatoes, and beets
- Tips of small grains turn gray to white (gray speck in oats)
- In neutral to alkaline soils high in calcium and in organic soils where manganese is less available

Application Instructions:

SHAKE WELL BEFORE USING. 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.

| METHOD OF APPLICATION | SUGGESTED RATE | | |
|---|--|--|--|
| | Field Crops | Tree or Vine Crops | Turf or Horticulture |
| Foliar band application at 50% coverage | Up to 1 cup/acre, 700 mL/hectare | — | Up to 0.5 oz/1000 ft ² , 16 mL/100 m ² |
| Foliar broadcast or sprinklers: solid, set, linear, or pivot (100% speed) | Up to 1 pt/acre, 1.25 liters/hectare | Up to 1 quart/acre, 2.5 liters/hectare | Up to 1 oz/1000 ft ² , 35 mL/100 m ² |
| Soil banded or injected through drip tape or micro sprinklers. | Up to 1 pt/acre, 1.25 liters/hectare | Up to 1 quart/acre, 2.5 liters/hectare | Up to 1 oz/1000 ft ² , 35 mL/100 m ² |
| Soil broadcast spray incorporated, flood or furrow irrigated | Up to 1 quart/acre, 2.5 liters/hectare | Up to 2 quarts/acre, 5 liters/hectare | Up to 2 oz/1000 ft ² , 70 mL/100 m ² |



This product contains Micro Carbon Technology® (MCT), a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by plants.