

MICRAMIN[®]

MANGANESE

GUARANTEED ANALYSIS

Nitrogen (N)	5.00%
5.00% Nitrate Nitrogen (N)	
Manganese (Mn)	10.00%
10.00% Water Soluble Manganese (Mn)	

Derived from: Manganese Nitrate, Manganese Citrate

Contains Non-Plant Food Ingredients:

8% Amino Acid blend, 1.00% Fulvic Acid,
and 1% Seaweed Extract

WARNING: Harmful if swallowed. May be harmful in contact with skin. Causes serious eye irritation. Causes skin irritation. May be harmful if inhaled. May cause damage to organs (central nervous system) through prolonged use or repeated exposure (via inhalation).

WHAT TO DO IN CASE OF CONTACT

Eye: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists. **Skin:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation develops. **Inhalation:** Move to fresh air. Obtain medical attention if irritation develops. **Ingestion:** Drink large volumes of water. Call a physician or poison control center. **Indication of Immediate Medical Attention and Special Treatment Needed:** In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 800-424-9300

FOLLOW DIRECTIONS! Refer to SDS for health, safety and environmental information. **Keep out of Reach of Children**



Net Weight:

Case: 50lbs (22.68 kg)

Bulk _____

F696

Net Contents

Case: 5 gal (18.92 liters)

2x2.25 gal. jugs

LOT NUMBER:

GENERAL INFORMATION

Micramin[®] Manganese is a concentrated aqueous solution of Manganese, Nitrogen, 18 Amino Acids, Fulvic Acid and Kelp Extract that has twice the solubility on a metal basis as Manganese Sulfate at 0°C. It is designed for addition to fluid fertilizers and will provide a highly soluble fertilizer that can be applied via aerial and ground applications.

Micramin[®] Manganese is very effective as a foliar spray to prevent and correct manganese deficiencies on fruit and other crops. It is IMPORTANT that a non-ionic surfactant be added to aid in surface coverage which helps leaf absorption.

DIRECTIONS FOR USE

Ground Foliar Applications:

- Diluted – use a minimum of 100 gallons of water per acre;
- Concentrated – use a minimum of 20 gallons of water per acre
- When using less than 50 gallons of water per acre it is recommended to use a non-ionic surfactant.

Aerial Applications :

- Use in at least 5 gallons of water per acre with the addition of a non-ionic surfactant. Apply with aircraft equipped with Beco-Mist type nozzles only.
 - (1) When using with a citrus spray oils of the 435 class, surfactants are not needed.
 - (2) Do Not use with liquid starter fertilizers that contain phosphates.
 - (3) A jar test to check the compatibilities of combinations should be performed prior to mixing and application.

RECOMMENDED RATES

FIELD CROPS: Corn, peanuts, soybeans, small grains, cotton:

Apply 1-3 pints per acre in enough water to cover. At least 3 applications are suggested with additional applications being necessary for severe deficiencies. More frequent applications at the lower rates will give better results.

FRUIT AND NUT TREES: Pecans, Citrus, Mangos, Avocados

MATURE TREES: Apply 1-4 quarts per acre in enough water to cover. Repeat application if desired at 1-2 quarts per acre in summer and fall application.

YOUNG TREES: Apply 2 quarts per 100 gallons of water and wet thoroughly. Applications every 6-8 weeks throughout the growing season have given excellent results. Do Not Use on Stone Fruit.

VEGETABLE CROPS: Apply 1-4 pints per acre in enough water to cover.

TURF, GREENS, TEES: Apply 5-6 ounces per 1000 sq. ft. in enough water to cover. Repeat as needed.

FAIRWAYS: Apply 2-4 gallons per acre in enough water to cover.

This product may be corrosive to aluminum, mild steel and brass. Store in HDPE, fiberglass or stainless steel containers. Use only stainless steel, P.V.C. or polypropylene fittings. **Storage:** Store in a cool place in original container in a locked storage area inaccessible to children, pets, domestic animals or wildlife. **Container Disposal:** Do not reuse empty containers. Triple rinse (or equivalent) then offer for recycling or disposal by procedures approved by state or local authorities. **Conditions of Sale:** Big Bend Agri-Services (Company) warrants that this product conforms to the chemical description of the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal use. This warranty does not extend to the use of this product contrary to label instruction, or under abnormal use conditions, or under conditions not reasonably foreseen by the company. **THE COMPANY DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. THE COMPANY SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND THE COMPANY'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND SELLER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. THE COMPANY DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**

BIG BEND AGRISERVICES, INC.



CAIRO, GA

Information about this fertilizer may be obtained from Big Bend Agri Services, PO Box 479 Cairo, GA 39828.

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