



# NITRO-MZ

## MANGANESE & ZINC

### GUARANTEED ANALYSIS

<b>Nitrogen (N)</b> .....	<b>7.00%</b>
7.00% Nitrate Nitrogen (N)	
<b>Manganese (Mn)</b> .....	<b>8.00%</b>
8.00% Water Soluble Manganese (Mn)	
<b>Zinc (Zn)</b> .....	<b>8.00%</b>
8.00% Water Soluble Zinc (Mn)	

Derived from: Manganese Nitrate and Zinc Nitrate

### GENERAL INFORMATION

NITRO-MZ is a concentrated aqueous solution that is designed for addition to soluble X-O-X grade fertilizers and will provide a highly soluble fertilizer that can be applied via aerial and ground applications. NITRO-MZ is very effective as a foliar spray to prevent and correct manganese and zinc deficiencies on fruit and other crops. NITRO-MZ will lower the pH of water in a spray tank from 7.4 to approximately 6.0 when it is added before other materials at a rate of 1 quart per 500 gallons of water. It is IMPORTANT that a non-ionic surfactant be added to aid in surface coverage which helps leaf absorption.

**WARNING:** Harmful if swallowed. May be corrosive to metals. Causes severe eye damage. Causes severe skin burns. Harmful if inhaled. May intensify fire. Oxidizer. May cause damage to organs through prolonged or repeated exposure. Marine pollutant. Dangerous to marine life in high concentrations.

#### 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 continues. **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**



Density = 12.9 lbs/gal

Net Contents:

Ø2.5 gal Ø5 gal Ø30 gal Ø55 gal Ø275 gal

### 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 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 fertilizer that contains 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 1/2-1 pint per acre in enough water to cover. At least 3 applications are suggested with additional applications being necessary for more severe deficiencies. More frequent applications at the lower rates will give better results.

**FRUIT AND NUT TREES:** (Pecans, Citrus, Mangos, Avocados)

**MATURE TREES:** Apply 2-3 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 1 quart 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.** CAIRO, GA

**VEGETABLE CROPS:** Apply 1-2 pints 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 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, 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 AGRY-SERVICES, INC.

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