

**CHEM-PLEX™**

# MANGANESE 8%

**CHEM-PLEX™****FOR CORRECTION OR PREVENTION OF  
MANGANESE DEFICIENCY IN MOST CROPS**

## GUARANTEED ANALYSIS

**Sulfur (S)**.....4.80%  
 4.80% Combined Sulfur (S)

**Manganese (Mn)**.....8.00%  
 8.00% Chelated Manganese (Mn)  
 8.00% Water Soluble Manganese (Mn)

**Derived from:** *Manganese Citrate*

### CAUTION:

#### KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid contact with eyes, skin, and clothing.  
 Avoid breathing spray mist.

#### READ LABEL — FOLLOW DIRECTIONS!

Refer to MSDS for health, safety and environmental information.

*Information about the components of this fertilizer material may be obtained by writing to CNI Agriminerals  
 P.O. Box 3706 Albany, GA. 31706, and giving the lot number which is found on the container.*

## WHAT TO DO IN CASE OF CONTACT

**If Ingested:** Give large amounts of water or milk, if conscious. Contact a physician immediately.

**Eye Contact:** Flush eyes with clean water for 15 minutes. Seek medical attention immediately.

**Skin Contact:** Remove contaminated clothing and wash skin with soap and water. Seek medical attention if irritation develops or persists.

**If Inhaled:** Move to fresh air and seek medical attention if irritation develops or persists.

**For additional information call CHEMTREC 800-424-9300**

*If there is contact made with spray solution containing pesticides and/or spray adjuvants, follow the "Statement of Practical Treatment" on the product labeling.*

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 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.

**Net Weight:**

Jug: 26lb (11.79kg)

Cs 2x2<sup>1</sup>/<sub>2</sub>: 52lb (23.58kg)**Net Contents:**Jug: 2-<sup>1</sup>/<sub>2</sub> gals (9.46 liters)Cs 2x2<sup>1</sup>/<sub>2</sub>: 5 gals (18.92 liters)**F1252****Bulk**

10.4 lbs/gallon

**CNI AgriMinerals**

**P.O. Box 3706 • ALBANY, GEORGIA 31706 • PHONE: 229-883-5538 • FAX: 229-439-0842**

## GENERAL INFORMATION

**CHEM-PLEX™ LIQUID MANGANESE** is a proprietary blend of a soluble nutrients and an organic complexing agent so as to enhance and maintain availability and accelerate uptake by crops.

**CHEM-PLEX™ LIQUID MANGANESE** is non-phytotoxic and can be applied foliar to most crops. It is recommended for use throughout the season in a program of multiple applications for greater efficiency. This provides a continuous supply of vital nutrients at or near the time they are needed most.

**CHEM-PLEX™ LIQUID MANGANESE** is environmentally safe, made with only “clean” raw materials free from heavy metal contamination.

## DIRECTION FOR USE

**CHEM-PLEX™ LIQUID MANGANESE** can be added to most nitrogen solutions or fluid fertilizers and impregnated on dry blend fertilizer. It can be tank mixed with most pesticides. Always make a small-scale test to assure compatibility. It can be soil or foliar applied, broadcast or banded over the row and injected through irrigation systems.

### CAUTION:

**DO NOT USE IN HIGH PHOSPHATE “STARTER” OR “POP-UP” FERTILIZER MATERIALS SUCH AS 10-34-0.**

**CHEM-PLEX™ LIQUID MANGANESE** will disperse in water with minimal agitation. It serves as a buffer when used in tank mixes with pesticides.

Follow the mixing sequence:

1. Water
2. **CHEM-PLEX™ LIQUID MANGANESE**
3. Pesticide.

## RECOMMENDED RATES

The optimum rate and timing of application will depend on local conditions and should always be made as a result of soil and/or plant tissue analysis in consultation with your local agricultural authorities. In the absence of test results, use the following as a guide:

Broadcast:

Severe Deficiency.....	4-6 qts. per acre
Moderate Deficiency.....	2-4 qts. per acre
Maintenance.....	1-2 qts. per acre

Banded over the Row: Apply at 2-4 qts. per acre. Repeat as necessary if deficiency persists.

Foliar Application: Apply at 2-4 qts. per acre. Repeat as necessary if deficiency persists. Use sufficient water for thorough coverage. Ground: 10-20 gals. per acre. Air: 3-5 gals. per acre. If less water is used, slight burn may occur. Spray either early or later in the day for maximum leaf absorption.

## CONDITIONS OF SALE

**CONDITIONS OF SALE:** CNI AgriMinerals (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 instructions, 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.**

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