

# CHEM-SUPRA™

## 7% Manganese

### Guaranteed Analysis

Sulfur, combined (S)	4.0%
Soluble Manganese (Mn)	7.0%
3.5% Chelated Manganese	

Derived from Manganese Sulfate, Manganese Phenolic Acid

### CAUTION: Keep Out Of Reach Of Children

**WARNING:** Harmful if swallowed. Avoid breathing spray mist. May cause irritation of nose, throat, and/or skin. Avoid contact with eyes, skin and clothing.

**IF SWALLOWED:** Induce vomiting by sticking finger down throat. Never give anything by mouth to an unconscious person. Get medical attention.

**IF IN EYES:** Wash eyes with plenty of clear water for at least 15 minutes. Get medical attention.

### Storage Instructions

We recommend when storing pails of CHEM-SUPRA IRON to stack a maximum of two pallets high, with each pallet two pails high. Information regarding the contents and levels of metals in this product is available by calling 1-800-539-5283.

**Net Weight:** 10 lbs./gallon at 68°F    Freezing temperature: 25°F

### General Information

**CHEM-SUPRA MANGANESE** is a foliar or soil-applied micronutrient and is non-phytotoxic when used as directed. **CHEM-SUPRA MANGANESE** is completely available and absorbed by the leaf surface or the root system.

**CHEM-SUPRA MANGANESE** is an excellent acidification agent for lowering high pH in spray tank water. **CHEM-SUPRA MANGANESE** is an effective dispersing agent when applied with other foliar spray chemicals.

**CHEM-SUPRA MANGANESE** is recommended on the following crops: Alfalfa, Almonds, Avocados, Apples, Barley, All beans, Broccoli, Cabbage, Cauliflower, Carrots, Celery, Citrus, Corn, Grapes, Lettuce, Milo, Melons, Nectarines, Rice, Pears, Peaches, Pecans, Peppers, Plums, Prunes, Potatoes, Peanuts, Sorghum, Soybeans, Sugar beets, Sweet corn, Sugar cane, Strawberries, Tomatoes, Turnips, Walnuts, Watermelons, Wheat and most other crops.

### General Application Rates: For Maximum Performance Leaf and Soil Tests are Recommended

Maintenance application.....	1 quart per acre
Moderate deficiency.....	1/2 to 1 gallon per acre
Heavy micronutrient deficiency.....	1 to 2 gallons per acre

Manufactured for:

**CNI** AgriMinerals  
PO Box 3706 - Albany, GA 31706  
*AgriMinerals*

### Foliar Spray

**Vegetables:** Apply 1 to 2 pints per acre each spray. CHEM-SUPRA MANGANESE can be incorporated in the normal spray program. Remember: Mix CHEM-SUPRA MANGANESE in the spray tank before pesticides are added.

**Tree Crops:** Apply 1 gallon CHEM-SUPRA MANGANESE in 500 gallons of dilute spray. If concentrated spray is used, increase the concentration in direct proportion to dilution. If tree crops are sprayed several times a year, the above amount can be split into more numerous applications. Split applications over the year are considered more beneficial than single applications.

**Field crops:** Apply recommended rates when plants are young. This is the time when most severe deficiencies occur.

CHEM-SUPRA MANGANESE will disperse in water with little agitation. Many pesticides can be added and applied while spraying CHEM-SUPRA MANGANESE. Follow this mixing sequence: 1. Water 2. CHEM-SUPRA MANGANESE 3. Pesticide

When foliar spraying CHEM-SUPRA MANGANESE through conventional sprayers, use a minimum of 20 gallons of water per acre. When foliar spraying CHEM-SUPRA MANGANESE with low volume equipment, 5 gallons of water per acre is usually sufficient. If less water is used, slight burning of the foliage may occur. A maximum of 1/2 gallon per acre per application is recommended. Aerial applications should not exceed 1 quart per gallon of water. For best results spray when the crop is in an active growing state, after irrigation or natural rainfall. Spray early in the morning or late afternoon. Mid-day sprays may not be effective because of excessive moisture evaporation. The addition of 1/2% (total solution) of nitrogen solution, ammonium sulfate or L.B. Urea may aid leaf absorption.

### Liquid Fertilizer:

Mix CHEM-SUPRA MANGANESE with liquid fertilizer agitating to thoroughly disperse the trace elements. This can be achieved by adding the product to the mixing batch tank or inducting through a pump. When mixing in batch tank, add product to water nitrogen solution before adding phosphate material. CHEM-SUPRA MANGANESE is compatible with most insecticides, fungicides, foliar nutrients and herbicides. It can be applied in existing spray programs. CHEM-SUPRA MANGANESE can be applied with most herbicides. Use 1 quart per acre in banded application and 2 quarts per acre in broadcast application. CHEM-SUPRA MANGANESE is compatible with most water-dispersed herbicides. CHEM-SUPRA MANGANESE is an excellent acidification agent for alkaline water. High pH water will break down many insecticides such as Sevin, Dylox, Ethyl Parathion, Malathion, Methyl Parathion and other organophosphate insecticides, decreasing the effectiveness of the pesticides. CHEM-SUPRA MANGANESE is manufactured to rigid controls at the highest possible concentration for effective usage. Any residue in this pail is water soluble. Rinse the pail with water and add solution to spray tank.

**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 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 purchased price. Buyer and seller acknowledge and assume all risks and liability resulting from handling, storage and use of the 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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