

# CITRI-CHE® MANGANESE 5%

## GUARANTEED ANALYSIS

Manganese (Mn) .....5.0%  
5% Chelated Manganese (Mn)

Derived from Manganese citrate and Manganese EDTA

## KEEP OUT OF REACH OF CHILDREN



## WARNING

Causes serious eye irritation. Causes skin irritation. Harmful if swallowed. May cause respiratory irritation.

### PRECAUTIONARY STATEMENTS

Wash hands thoroughly after handling. Wear protective gloves, eye and face protection. Avoid breathing mist, spray or fumes. Use only outdoors in a well-ventilated area. Do not eat, drink or smoke when using this product. Store in a well-ventilated and secured place. Keep container tightly closed. Do not store below 32°F (0°C). Store out of direct sunlight. Dispose of empty containers by triple rinsing and discard empty containers in a landfill in accordance with current local, state, and federal regulations.

FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure, Or Accident, Call: CHEMTREC 1-800-424-9300

### FIRST AID

**IF IN EYES:** Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor for treatment advice if you feel unwell.

**IF ON SKIN:** Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.

**IF SWALLOWED:** Immediately call a poison control center or doctor for treatment advice. Rinse mouth.

In case of medical emergency, call toll free 1-877-424-7452

### GENERAL INFORMATION

CITRI-CHE® Manganese 5% chelated micronutrient contains 5% of fully chelated manganese in a form readily available to plants. It is recommended for use as an additive in liquid fertilizer and can also be used as a foliar spray. CITRI-CHE Manganese 5% is compatible with herbicides, insecticides and most agricultural chemicals that may be utilized in combination with liquid fertilizer. CITRI-CHE Manganese 5% is most effective when placed in the root zone during planting or moved into the soil by irrigation, tillage or rainfall. It is important that the manganese deficiency be treated before visual symptoms appear to insure proper yields. Rates of application will vary depending upon the severity of the deficiency, climate, soil conditions, and method of application. Consult your State Agricultural Experiment Station, Extension Specialists or Winfield

F1683

Distributed and Guaranteed By:  
Winfield Solutions, LLC  
P.O. Box 64589  
St. Paul, MN 55164

Weight Per Gallon: 10.3 lbs. (4.67 kg)  
Net Contents: 2.5 gallons (9.46 L)  
Net Weight: 25.75 lbs. (11.68 kg)  
1/0108/9

**WINFIELD**  
**UNITED**

representative for advice in selecting treatments from this label to best fit local conditions or if your crop is not listed below.

### **DIRECTIONS FOR USE**

**Soil Application:** CITRI-CHE Manganese 5% can be applied alone or in combination with liquid fertilizer for pre-plant, starter or side dress applications. For most effective treatment of row crops make soil applications in a band at planting time or as a side dressing shortly after planting.

**Foliar Application:** CITRI-CHE Manganese 5% diluted with water according to label recommendations can be applied as a foliar spray. To insure even distribution on the leaf surfaces and increase the effectiveness of foliar application a small amount of wetting agent or detergent may be added.

This product is for use on all food and fiber crops. Crops: including alfalfa, almonds, apples, barley, beans, berries, broccoli, cabbage, cauliflower, carrots, celery, citrus, corn, hops, grapes, lentils, lettuce, milo, mint, onions, peas, peaches, peppers, prunes, potatoes, rapeseed, sorghum, soybeans, sugarbeets, sweet corn, strawberries, tomatoes, wheat, and cotton.

### **SOIL APPLICATION**

<b>Deficiency Level</b>	<b>Rate Banded</b>	<b>Rate Broadcast</b>
Mild	1-2 qt/acre	1-3 qt/acre
Moderate	2-3 qt/acre	3-5 qt/acre
Severe	3-4 qt/acre	5-8 qt/acre

### **FOLIAR APPLICATION**

Dilute 1/2 to 1 gallon of product in 100 gallons of water and spray to thoroughly cover foliage.

### **APPLICATION WITH IRRIGATION WATER**

**PIVOT, SPRINKLER, OVERHEAD AND SOLID SET IRRIGATION:** Apply within 2 weeks of planting and before flowering using 1 to 4 quarts per acre or the dosage rates and timing recommended by your State Agricultural Experiment Station, Extension Specialists or Winfield Regional Plant Nutrition Specialist. This product may be mixed with most liquid fertilizers or pesticides before injection. Use a back-flow check valve to prevent material from back siphoning into water system.

### **MIXING INSTRUCTIONS**

Add 1/3-1/2 of the liquid fertilizer to mix tank. Add correct amount of CITRI-CHE Manganese 5%. Add remainder of fertilizer, then mix thoroughly with strong agitation. Other chemicals, if used, should be added after the fertilizer-micronutrient mix has been prepared.

If there are questions regarding compatibilities of other substances with CITRI-CHE Manganese 5%, conduct a jar pilot test to determine the mixing characteristics of the different materials.

### **NOTE**

A number of variables influence the rate of application necessary to control or correct a specific deficiency. For best results follow good agronomic practices, soil test and, if necessary, use tissue analysis.

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.html>

### **WARRANTY DISCLAIMER**

Winfield Solutions, LLC warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

CITRI-CHE® is a registered trademark of Winfield Solutions, LLC.