

# STOLLER® WHITE LABEL Manganese

Specimen Label

## WHITE LABEL

A nutrient fertilizer supplement for  
foliar and soil application

**OMRI**  
Organic Materials  
Review Institute  
F1601

**5% MANGANESE  
with 4% Sulfur**



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Z- WLMN

# White Label Manganese

## Guaranteed Analysis

0-0-0

Sulfur (S).....	04.0%
Manganese (Mn) .....	05.0%

(Derived from Manganese Sulfate)

## General Information

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

**White Label Manganese** is an excellent acidification agent for lowering high pH in spray tank water. **White Label Manganese** is an effective dispersing agent when applied with other foliar spray chemicals. **White Label 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.

## 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 **White Label Manganese** 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 on the internet at [http:// www.aapfco.org/ metals.htm](http://www.aapfco.org/metals.htm).

**Conditions Of Sale:** 1. Seller warrants this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one other than an officer of Seller is authorized to make any warranty, guarantee or direction concerning this product. 2. Because the time, place, rate of application and other conditions of use are beyond Seller's control, Seller's liability from handling, storage and use of this product is limited to replacement of product or refund of purchase price.

## General Application Rates When Leaf and Soil Tests

### Are Not Available:

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

## Foliar Spray

**Vegetables:** Apply 1 to 2 pints per acre each spray. **White Label Manganese** can be incorporated in the normal spray program. *Remember:* Mix **White Label Manganese** in the spray tank before pesticides are added.

**Tree Crops:** Apply 1 gallon **White Label 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.

**White Label Manganese** will disperse in water with little agitation. Many pesticides can be added and applied while spraying **White Label Manganese**.

*Follow this mixing sequence:*

1. Water
2. **White Label Manganese**
3. Pesticide

When foliar spraying **White Label Manganese** through conventional sprayers, use a minimum of 20 gallons of water per acre. When foliar spraying **White Label 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 pre- 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 **White Label 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. Stoller Enterprises, Inc. also manufactures a line of chelates for high- analysis fertilizer. **White Label Manganese** is compatible with most insecticides, fungicides, foliar nutrients and herbicides. It can be applied in existing spray programs.

**White Label Manganese** can be applied with most herbicides. Use 1 quart per acre in banded application and 2 quarts per acre in broad- cast application. **White Label Manganese** is compatible with most water dispersed herbicides. **White Label 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 organ phosphate insecticides, decreasing the effectiveness of the pesticides.

**White Label 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.

Freezing temperature: 25°F