

# Manga Fix™

For Trees, Vines & Vegetable Crops

## Guaranteed Analysis

Sulfur (S).....4.0%  
Manganese (Mn).....7.5%

Derived from manganese sulfate

## WARNING



### HAZARD STATEMENT

May cause damage to organs through prolonged or repeated exposure. - H373

### PRECAUTION STATEMENT

Do not breathe mists, vapours, and/or spray. - P260  
Get medical advice/attention if you feel unwell. - P314

REFERENCE: SDS0045.02

**GENERAL INFORMATION:** Manga Fix™ is a specially formulated manganese nutrient for soil and foliar application. It is designed to provide maximum availability of Manganese. Manga Fix™ is a supplement to an adequate and balanced soil and foliar fertility program. Monitor crop nutrient needs and responses with a soil and leaf tissue analysis program. Manga Fix™ is recommended for soil applications or foliar applications at the proper concentrations.

## SEE LABEL ON PRODUCT FOR NET CONTENTS:

**This material is available in:**

**5 GALLONS (18.92 LITERS)**

**BULK**

10.52 lbs per gallon (1.26 kgs per liter) @ 68°F

## DIRECTIONS FOR USE

### WATER RUN APPLICATIONS:

When applying this material via a fertigation system, continue to operate the system 30-60 minutes after material has completely injected to flush clean water through the system.

### SOIL APPLICATIONS:

Soil apply via mechanical application through direct spray or injection to the soil. Mix in clean tank with sufficient water for adequate mixing and coverage of target areas.

### FOLIAR APPLICATIONS:

Manga Fix™ may be foliar applied. In a clean spray tank, add any dry powders and water and agitate. Add liquid Fertilizers and Manga Fix™ last, continuing agitation. Mix 1 gallon of Manga Fix™ with a minimum of 100 gallons of water. Always use enough water for uniform application and to prevent possible plant tissue damage to the intended crop from concentrated droplets. Contact your Source to Source representative for rates when using low-volume and electrostatic sprayers. Apply during the cool part of the day, or when temperatures below 85° F. Do not apply under windy conditions, or other conditions that promote fast drying of leaf surfaces.

### COMPATIBILITY:

This product has an acidic pH. Contact a Source to Source representative for a list of compatible mixes. Jar test for compatibility prior to mixing with any pesticides, fertilizers or fertilizer blends. For unfamiliar mixes, an appropriate amount of the final mix should be applied to a small area of the intended crop to ensure plant compatibility prior to the planned application. User assumes full responsibility to ensure product, equipment and plant compatibilities.

### STORAGE AND DISPOSAL:

Store in a sealed container in cool, dry location, at temperatures above freezing. Triple rinse and dispose of containers according to local and federal regulations.

## SUGGESTED APPLICATION RATES & TIMINGS

### SOIL APPLICATIONS:

#### GRAPES & KIWI

Apply 5-10 gallons per acre to soil from bud-break to pre-bloom to support rapid shoot growth and vigor. Apply again at berry sizing and again prior to soft berry to support fruit development and fruit finishing. Apply at a minimum of 2.5 gallons per acre in each application.

#### ALMONDS, PECANS, PISTACHIOS & WALNUTS

Apply to soil after nut set at 5-10 gallons per acre to support nut fill. Two to four applications may be made in 14-21 day intervals. Apply at a minimum of 2.5 gallons per acre in each application. May be water run with fertilizer or applied alone to soil.

#### STONE FRUITS & POME FRUITS (Including: Apples, Pears, Cherries, Nectarines, Peaches, Plums, Prunes and Apricots)

Apply to soil beginning at hard pit through color break at a minimum of 3 gallons per acre for a total of 10 gallons. Repeat applications may be made in 14-21 day intervals. Application timing is best during periods of rapid fruit sizing and sugar development. Apply post harvest with nitrogen fertilizers to support carbohydrate storage and bud development.

#### CITRUS & AVOCADO

Apply to soil or through irrigation systems beginning at fruit set at a minimum of 3 gallons per acre for a maximum of 10 gallons per year. Repeat applications may be made in 21-28 day intervals.

#### STRAWBERRY & other VEGETABLES

Apply to soil during periods of bloom and fruit set at 3 gallons per acre. Repeat application may be made in 14-21 day intervals. May be applied separately or with other fertilizers.

### FOLIAR APPLICATIONS:

#### ALL CROPS

Apply 1-3 gallons per acre, in a maximum concentration of 1 gal of Manga Fix™ per 100 gals of spray water. Apply according to leaf tissue analysis, or prior to anticipated visual leaf deficiency symptoms. Repeat up to 3 total applications as needed.

### CAUTION: KEEP OUT OF REACH OF CHILDREN.

NOTICE: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. Buyer shall assume all risks of use including, but not limited to crop injury, ineffectiveness or other unintended consequences as may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of the seller. In no case shall Source to Source be liable for consequential, special or indirect damages resulting from the use or handling of this product.

Manga Fix™ is a trademark product of Source to Source, Tulare CA.

Information regarding the contents and levels of metals in this product is available on the internet at <http://agr.wa.gov>.

This label is for use in California, Arizona and Washington. For use in other states please contact your Source to Source dealer, as labels may vary by state. Always refer to the label on the product before use.