# START-UP

# IRON AND MANGANESE

## **GUARANTEED ANALYSIS**

Iron (Fe)	3.40%
3.40% Chela	
Manganese (Mn)	1.50 %

# **Derived from Iron and Manganese Citrate Chelate**

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

### **KEEP OUT OF REACH OF CHILDREN**

WARRANTY: Western Nutrients Corporation makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on the Western Nutrients corp. label attached to the product container.

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NET CONTENTS 5 GALLONS (18.93 LITERS) 10.22 LBS. PER GAL @ 68 °F 1143 GRAMS PER LITER @ 20 °C



### PRODUCT INFORMATION

**START-UP Fe & Mn Chelate** Solution was formulated for use with basic starter fertilizers pH 6 or higher at planting time.

**START-UP Fe & Mn Chelate** Solution can be incorporated in basic liquid fertilizer s at time of planting, side dressing application, or other situations where it is difficult to get micronutrients to the root zone.

START-UP is composed of organic carriers of Citric Acid which forms a very strong chelated bond when processed.

Fe & Mn generally become more available when combined and applied with a good nitrogen source. To insure that maximum manganese uptake is obtained we have incorporated a nitrogen source in our START-UP product line

### APPLICATION RATES

Trees including Apples, Pears, Avocados, Citrus, Nut and Stone Fruits: Soil Application— Apply 1 to 4 qts. Manganese chelate per tree depending on age, size of tree and soil conditions. Distribute uniformly under the spread of limbs. Water in thoroughly for rapid response. Foliar Application— Thoroughly wet the leaves with a solution of 1 qt. Per 100 gallons of water. Do not apply during bloom.

Grape Vineyards: Soil Application— Apply 2 to 6 qts. Manganese chelate per acre depending on soil type or extent of deficiency. Foliar Application— Thoroughly wet the leaves with a solution 1 qt. Per 100 gallons of water. Do not apply during bloom.

Field Crops including Corn, Sorghum, Beans and Cotton: Soil Application—Apply 3 to 10 qts. Per acre in starter fertilizer, bulk blend or liquid. Rate will depend on soil conditions and extent of deficiency. Foliar Application—Apply 1 qt. Per 100 gallons of solution 4 to 6 weeks after planting. Do not apply during bloom.

Vegetable Crops including Beets, Lettuce, Celery, Onions, Peas, Potatoes, Radish, Spinach, and Tomatoes: Soil Application– Apply 1 to 10 qts. Per acre in starter fertilizer, bulk blend or liquid. Rate will depend on soil condition and extent of deficiency. Foliar Application– Apply 1 qt. per 100 gallons of solution 4 to 6 weeks after planting. Do not apply during bloom.

Lawns and Turf: Apply 1 qt. Per 10,000 sq. ft. Mix thoroughly with water and apply evenly. Application should be followed with a thorough watering.

Garden Flowers: Soil Application— Use 4 ozs. Per 100 feet of row. For individual plants (in garden) use 2/3 oz. Foliar Application— Thoroughly wet leaves using 1 qt. per 100 gallons solution. Do not apply during bloom.

### **MANUFACTURED BY - WESTERN NUTRIENTS CORPORATION**

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