

START-UP™

6-0-0

5% MANGANESE CHELATE SOLUTION

**FOR INCORPORATION WITH BASIC
LIQUID STARTER FERTILIZERS, pH 6
OR HIGHER AT TIME OF PLANTING**

GUARANTEED ANALYSIS

Total Nitrogen (N).....6.00%
6.0% Ammoniacal Nitrogen
Manganese (Mn).....5.00%
5.0% Chelated Manganese

Derived from Manganese Citrate Chelate
Nitrogen derived from Ammonia

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.

10.0 LBS. PER GAL @ 68 ° F
1118 GRAMS PER LITER @ 20 ° C



PRODUCT INFORMATION

START-UP 5% MANGANESE CHELATE SOLUTION was formulated for use with basic starter fertilizers pH 6 or higher at planting time.

START-UP 5% MANGANESE CHELATE SOLUTION can be incorporated in basic liquid fertilizers 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.

MANGANESE generally becomes 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

Field Crops including Corn, Sorghum, Beans and Cotton: *Soil Application* – Apply 2 to 5 qts. Manganese Chelate per acre in starter fertilizer. Rate will depend on extent of deficiency and soil conditions. *Foliar Application* – Thoroughly wet the leaves with a solution of 1 qt. per 100 gallons of water when crop is 6 to 12 inches high or when deficiency symptoms appear.

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 in early spring shortly after trees are in full leaf. For severe deficiency, follow with a second application two weeks later. 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 of 1 qt. per 100 gallons of water. Do not apply during bloom.

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MANUFACTURED BY - WESTERN NUTRIENTS CORPORATION

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