

POWDER

BIOMIN[®] MANGANESE

Chelated Minerals for Soil and Foliar Application

5-0-0

Product Information

BIOMIN MANGANESE contains nitrogen and chelated manganese for soil and/or foliar applications. It is completely bioavailable and non-phytotoxic to plants when applied in accordance to directions. **BIOMIN MANGANESE** is designed to prevent and correct manganese deficiency and to boost crops during critical or fast growing periods. **BIOMIN MANGANESE** may be applied with nitrogen fertilizers.

GUARANTEED ANALYSIS

Total Nitrogen (N).....	5.0%
5% Water Soluble Organic Nitrogen	
Manganese (Mn).....	18.0%
18% Chelated Manganese	

Derived from manganese sulfate, citric acid (chelating agent), and soy protein hydrolysate.

KEEP OUT OF REACH OF CHILDREN

COMPATIBILITY: Always perform a compatibility test before mixing any products with **BIOMIN MANGANESE**.

PREVENTS AND CORRECTS MANGANESE DEFICIENCY

NET CONTENTS: 25 lb. (11.3 kg)
U.S. Pat.# 5,504,055
Lot #:



MANUFACTURED BY: JH BIOTECH, INC.
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Directions and General Recommendations

SOIL APPLICATION

BIOMIN MANGANESE may be applied before or at planting through irrigation water, as banding or broadcast. The application rate is 1.5-5.0 lb./ac. (1.7 - 5.6 kg/ha) depending on crop, soil conditions and application methods. For maintenance, 1.5 lb./ac. (1.7 kg/ha) are usually recommended.

FOLIAR APPLICATION

FIELD AND ROW CROPS: Apply 1.0-1.5 lb./ac. (1.1 -1.7 kg/ha) of **BIOMIN MANGANESE** when crops are 6-12 in. (15-30 cm) high or when deficiency symptoms appear. Repeat application 2-4 weeks later.

VEGETABLES and POTATOES: Apply 1.0-1.5 lb./ac. (1.1 -1.7 Kg/Ha) of **BIOMIN MANGANESE** at about 2-4 weeks after emergence or if deficiency symptoms appear. Repeat the application 2-3 weeks later.

GREENHOUSE CROPS: Apply 1.0-1.5 lb./ac. (1.1 -1.7 kg/ha) of **BIOMIN MANGANESE** 2-3 weeks after emergence or transplanting, or when manganese deficiencies first appear. Repeat the application every one or two weeks.

LIMITED WARRANTY

Manufacturer or seller makes no warranty, whether expressed or implied, concerning the use of this product other than for the purposes indicated on the label. Neither manufacturer nor seller shall be liable for any injury or damage caused by this product due to misuse, mishandling, or any application not specifically described on the label.

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

FRUIT TREES AND GRAPES: Apply 1.0-1.5 lb./ac. of **BIOMIN MANGANESE** (1.1 -1.7 kg/ha) in early spring when new leaves emerge or when deficiency symptoms appear. Repeat the application 2-4 weeks later.

BIOMIN MANGANESE can be applied to all commercial crops including all vegetables, potatoes, carrots, onions, all berries and strawberries, all brassicas, all fruit trees, avocados, persimmons, citrus, all nut trees, vineyards, kiwifruit, tropical fruit, lettuce, asparagus, all melons, beans, ginger, ornamentals, cut flowers and pastures.

Precautionary statement: do not swallow. Wash hands thoroughly after handling. **First Aid:** if swallowed: Seek medical attention if feeling unwell. Rinse mouth. **Storage & Disposal:** store in a safe manner. Dispose product/container in accordance with federal, state, and local regulations.

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