

# BIOMIN<sup>®</sup> MANGANESE

POWDER



## 5-0-0

## Chelated Minerals for Soil and Foliar Application

### 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.

### 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 pounds per acre (1.7 - 5.6 Kg/Ha) depending on crop, soil conditions and application methods. For maintenance, 1.5 pounds per acre (1.7 Kg/Ha) are usually recommended.

### FOLIAR APPLICATION

**FIELD CROPS:** Apply 1.0-1.5 pounds of **BIOMIN MANGANESE** per acre (1.1 -1.7 Kg/Ha) when crops are 6-12 inches (15-30 cm) high or when deficiency symptoms appear. Repeat application 2-4 weeks later.

**VEGETABLES AND POTATOES:** Apply 1.0-1.5 pounds of **BIOMIN MANGANESE** per acre (1.1 -1.7 Kg/Ha) 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 pounds of **BIOMIN MANGANESE** per acre (1.1 -1.7 Kg/Ha) 2-3 weeks after emergence or transplanting, or when manganese deficiencies first appear. Repeat

### 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 hydrolyzed vegetable protein.

### PREVENTS AND CORRECTS MANGANESE DEFICIENCY

### KEEP OUT OF REACH OF CHILDREN

**CAUTION** - Do not apply this product after application of copper containing products as this may cause phytotoxicity.

### MANUFACTURED BY:

JH BIOTECH, INC.

P.O. Box 538

Ventura, CA 93006, U.S.A.

### NET CONTENTS

- 2.5 Pounds (1.1 Kg)
- 5 Pounds (2.3 Kg)
- 10 Pounds (4.5 Kg)
- 25 Pounds (11.4 Kg)
- 55 Pounds (25 Kg)

LOT NO.:

U.S. PAT.# 5,504,055

the application every one or two weeks.

**Fruit TREES and GRAPES:** Apply 1.0-1.5 pounds of **BIOMIN MANGANESE** per acre (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** is best applied when plants are in an active growing stage, after irrigation or rainfall. For foliar application, it should be diluted with at least 200 times of water. For best results and more specific recommendations, contact your nearest distributor. Always perform a compatibility test before mixing any products with **BIOMIN MANGANESE**.

**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.

### 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.htm>.

# JH Biotech, Inc.

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