

# BIOMIN<sup>®</sup> Mn & Zn Plus

Chelated Minerals for Soil and Foliar Application

1-0-0

## Product Information

**BIOMIN Mn & Zn Plus** contains chelated manganese and zinc for soil and/or foliar application. Completely bioavailable and non-phytotoxic to plants when applied in accordance to directions. Designed to prevent and correct manganese and zinc deficiencies and to boost crops during critical or fast growing periods. May be applied with nitrogen fertilizers.

### GUARANTEED ANALYSIS

Total Nitrogen (N).....	1.0%
1.0% Water Soluble Nitrogen	
Manganese (Mn).....	5.0%
5.0% Chelated Manganese	
Zinc (Zn).....	6.0%
6.0% Chelated Zinc	
Nickel (Ni).....	0.2%

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

**KEEP OUT OF REACH OF CHILDREN**

**SHAKE WELL BEFORE USE  
PREVENTS AND CORRECTS  
MINERAL DEFICIENCIES**

**NET CONTENTS:** 2.5 gal. (9.45 l)  
Weight per gallon: 10.8 lb (4.9 kg) @ 68°F  
**U.S. Pat.# 5,504,055**  
**Lot #:**



MANUFACTURED BY: JH BIOTECH, INC.

P.O. Box 3538, Ventura, CA 93006 U.S.A

805-650-8933 jhbiotech.com

## Directions and General Recommendations

### SOIL APPLICATION

**BIOMIN Mn & Zn Plus** can be applied before or at planting as banding or broadcast. The application rate is 1 qt. to 1 gal./ac. (2.5-10 l/ha) depending on soil conditions and application methods. For maintenance, 1 qt./ac. (2.5 l/ha) is recommended. Dilute **BIOMIN Mn & Zn Plus** with enough water to cover the entire acre.

### FOLIAR APPLICATION

**FIELD AND ROW CROPS:** Apply 1-4 pt./ac. (1.5-5 l/ha) of **BIOMIN Mn & Zn Plus** when crops are about 4-6 in. (10-20 cm) high or when deficiency symptoms appear. Repeat the application in 2-4 weeks if necessary.

**FRUIT TREES AND GRAPES:** Apply 1-4 pt./ac. (1.5-5 l/ha) of **BIOMIN Mn & Zn Plus** starting at bud break or when deficiency symptoms appear. Repeat the application in about 4 weeks if necessary.

**NUT TREES:** Apply 1-4 pt./ac. (1.5-5 l/ha) of **BIOMIN Mn & Zn Plus** starting at bud break or when deficiency symptoms appear. Repeat the application in about 4 weeks if necessary.

### 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>

**VEGETABLE CROPS:** Apply 1-4 pt./ac. (1.5-5 l/ha) of **BIOMIN Mn & Zn Plus** at about 2-4 weeks after emergence, or when deficiency symptoms appear. Repeat the application in 1-3 weeks if necessary.

For best results, apply **BIOMIN Mn & Zn Plus** when the crop is in an active growing stage, after irrigation, or natural rain fall. For foliar application, dilute it with at least 100 times of water. **BIOMIN Mn & Zn Plus** will lower high pH of water and decrease the hydrolysis of most pesticides.

**BIOMIN Mn & Zn Plus** can be applied to strawberry, lettuce, tomato, celery, grapes, stone fruits, tree fruits, vegetables, commercial turf, and ornamental gardens.

**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.

051023-D-B-1

Copyright © 2019 All rights reserved