

BIOMIN[®] MANGANESE



Product Information

BIOMIN MANGANESE is a chelated mineral which is chelated mainly by Glycine and other organic amino acids. **BIOMIN MANGANESE** was designed for soil and/or foliar applications. Completely bioavailable and non-phytotoxic to plants when applied in accordance to directions. Designed to prevent and correct **MANGANESE** deficiencies and to boost crops during critical or fast growing periods.

BIOMIN MANGANESE can be applied to ALL crops including all vegetables, Potatoes, Carrots, Onions, all berries and strawberries, all Brassicas, all fruit trees, Avocadoes, Persimmons, Citrus, all Nut trees, Vineyards, Kiwifruit, Tropical fruit, Lettuce, Asparagus, all Melons, Beans, Ginger, Ornamentals, Cut flowers and Pastures.

GUARANTEED ANALYSIS

	Dry Weight Basis %/w/w
As true amino acid Chelates: MANGANESE (Mn)	18%
As amino acid: Nitrogen (N)	4.8%
MANGANESE is present as a Glycine chelate. Nitrogen present as an amino acid.	

KEEP OUT OF REACH OF CHILDREN

PREVENTS AND CORRECTS MINERAL DEFICIENCIES OF MANGANESE

In conditions where the water and/or soil pH is alkaline, it would be advantageous to apply **MOBILIZER** to the water first before adding **BIOMIN MANGANESE** to the tank. To further increase availability, add **BIOMIN MANGANESE** to the tank when the pH of the water is 6.5 – 7.5.

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

NET CONTENTS

2 kilograms 10 kilograms 25 kilograms

Lot #

Directions and General Recommendations

SOIL APPLICATION

BIOMIN MANGANESE may be applied before or at planting through irrigation water. The application rate is 1.5 - 3 kilograms per hectare depending on crop, soil conditions and application methods.

FOLIAR APPLICATION

ALL FIELD CROPS (grain crops, flowers, etc...): Apply 1.0 - 1.5 kilograms of **BIOMIN MANGANESE** per hectare when crops are 15 - 30cms high or when deficiency symptoms appear. Repeat application as needed.

ALL VEGETABLE CROPS: Apply 1.0 - 1.5 kilograms of **BIOMIN MANGANESE** per hectare at about 2 - 4 weeks after emergence or if deficiency symptoms appear. Repeat the application as needed.

GREENHOUSE CROPS: Apply 100 - 150 grams of **BIOMIN MANGANESE** per 100 liters of water 2-3 weeks after emergence or transplanting, or when trace element deficiencies first appear. Repeat the application as needed.

APPLES: Apply 0.5 - 2.0 kilograms of **BIOMIN MANGANESE** per hectare in early spring when new leaves emerge or 2 weeks before flowering. Repeat the application post harvest at 6 weeks before dormancy at a rate of 0.5 - 2.0 kilograms per hectare.

LIMITED WARRANTY

Manufacturer or reseller 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 reseller 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.

FRUIT TREES: Apply 0.5 - 2.0 kilograms of **BIOMIN MANGANESE** per hectare in early spring when new leaves emerge or 2 weeks before flowering. Repeat the application post harvest at 6 weeks before dormancy at a rate of 0.5 - 2.0 kilograms per hectare. Do not apply after fruit set.

KIWIFRUIT: Apply 0.5 - 2.0 kilograms of **BIOMIN MANGANESE** per hectare in early spring when new leaves emerge or 2 weeks before flowering. Repeat the application post harvest at 6 weeks before dormancy at a rate of 0.5 - 2.0 kilograms per hectare. Do not apply after fruit set.

GRAPES & CITRUS: Apply 0.5 - 2.0 kilograms of **BIOMIN MANGANESE** per hectare in early spring when new leaves emerge or 2 weeks before flowering or at any stage in the season when deficiency symptoms appear. Repeat the application 6 weeks before dormancy at a rate of 1.0 - 2.0 kilograms per hectare.

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 100 times of water. **BIOMIN MANGANESE may be used at any time throughout the season.** For best results and more specific recommendations, contact your nearest distributor.

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