

BIOMIN[®] ZIM



PRODUCT INFORMATION

BIOMIN ZIM is a chelated multi-mineral which is chelated mainly by Glycine and other organic amino acids.

BIOMIN ZIM was designed for soil and/or foliar applications. Completely bioavailable and nonphytotoxic to plants when applied in accordance to directions. Designed to prevent and correct trace mineral deficiencies and to boost crops during critical or fast growing periods.

BIOMIN ZIM can be applied to ALL 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.

GUARANTEED ANALYSIS

As true amino acid Chelates:	Dry Weight Basis %/w/w
Zinc (Zn)	8.5%
Iron (Fe)	4.25%
Manganese (Mn)	5.67%

Zinc, Iron and Manganese present as Glycine chelates.

COMPATIBILITY

Always perform a compatibility test before mixing any products with **BIOMIN ZIM**. May be applied with nitrogen fertilisers. Not compatible with Copper or Copper containing products and care should be taken with crops that have had Copper applied. **BIOMIN ZIM** is incompatible with Phosphorous, Calcium and Potassium foliar nutrients.

PREVENTS AND CORRECTS MINERAL DEFICIENCIES

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

WARNING

Harmful if swallowed. Causes skin irritation. Causes eye irritation. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life. May cause long lasting harmful effects to aquatic life.



PRECAUTIONS

Keep out of reach of children. Read label before use. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Do not breathe dust. Wear protective gloves and eye protection. Avoid release into the environment.

IF SWALLOWED: Rinse mouth. Call a POISON CENTRE or doctor if you feel unwell.

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: Get medical advice.

IF INHALED: Get medical advice/attention if you feel unwell. Wash contaminated clothing before reuse. Dispose of contents/container in accordance with local regulations.

24-hour emergency number: 0800 764 766 (NZ Poisons Centre)

Approved Pursuant to the HSNO Act 1996, under the Fertilisers – Subsidiary Hazard group standard HSR002571. See www.epa.govt.nz for approval conditions.



**Net Contents: 10kg
Lot#**

Best Before Date:

Imported and distributed in New Zealand exclusively by: Roots, Shoots & Fruits Ltd, C/- 27 Hastie Avenue, Auckland, New Zealand. Ph: +64 (0) 9372 9155 Email: rsf@rd2.co.nz
Website: www.rd2.co.nz Manufactured by: JH BIOTECH, INC. PO Box 3538, Ventura, CA 93006, USA. www.jhbiotech.com This product embodies proprietary or patented information and may be used only for agricultural purposes. Any duplication, reproduction, breeding, transformation or reverse engineering is prohibited.

SOIL HEALTH · PLANT HEALTH · YOUR HEALTH

Directions and General Recommendations

SOIL APPLICATION

BIOMIN ZIM 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 - 1.5 kg of **BIOMIN ZIM** per hectare when crops are 15 - 30cms high or at any time when deficiency symptoms appear. Repeat application 2 - 4 weeks later or as needed.

ALL VEGETABLE CROPS: Apply 1 - 1.5 kg of **BIOMIN ZIM** per hectare at about 2 - 4 weeks after emergence or at any time when deficiency symptoms appear. Repeat the application 2-3 weeks later or as needed.

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

APPLES: Apply 1 - 2 kg of **BIOMIN ZIM** per hectare as a post harvest application only at least 6 weeks before dormancy.

FRUIT TREES: Apply 1 - 2 kg of **BIOMIN ZIM** per hectare as a post harvest application only at least 6 weeks before dormancy.

KIWIFRUIT: Apply 1 - 1.5 kg of **BIOMIN ZIM** per hectare in early Spring when new leaves emerge or 2 weeks before flowering. Do not apply after fruit set. Repeat the application post harvest at 6 weeks before dormancy at a rate of 1 - 2 kilograms per hectare if needed.

GRAPES & CITRUS: Apply 1 - 1.5 kg of **BIOMIN ZIM** per hectare in early Spring when new leaves emerge or 2 weeks before flowering or at any time throughout the season when deficiency symptoms appear. Repeat the application 6 weeks before dormancy at a rate of 1 - 2 kilograms per hectare if needed.

Do not apply **BIOMIN ZIM** on seedless grapes close to flowering.

BIOMIN ZIM 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 ZIM** may be used at any time throughout the season. For best results and more specific recommendations, contact Roots, Shoots & Fruits.

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.