



CERTIFIED ORGANIC



POWDER



ECO-FRIENDLY

## PLANT NUTRITION Biomin® Series – Glycine Chelated Minerals

# Biomin® Magnesium

Patented Glycine chelated Magnesium  
(Mg) 12%

### Importance/Role of Magnesium

Magnesium is the only mineral constituent of the chlorophyll molecule involved in the synthesis of amino acids, vitamins, oils, and sugars and is therefore highly critical and integral to optimum crop performance. Its importance therefore should not be limited to soil applications but top up foliar applications, to boost plant health and development through cellular and enzymatic functions expressed as a strong and flourishing crop.

### Product Advantages and Benefits

- 100 % soluble, immediate uptake, translocation, and rapid correction of any Magnesium deficiency.
- Aids plants to form sugars and starches.
- Reduces Bunch stem necrosis (BSN) and berry shatter.
- Improves translocation efficiency of Phosphorous and activates certain plant enzyme functions.
- Certified Organic.
- Approved for use across the board of farm classifications: organic, biodynamic, and



Available Pack Sizes

2 kg | 10 kg | 25 kg

### Guaranteed Analysis

ACTIVE INGREDIENTS:	Dry Weight Basis %/w/v
<b>Magnesium (Mg)</b> <i>(chelated Magnesium)</i>	12
<b>Nitrogen (N)</b> <i>(water soluble Nitrogen)</i>	1

conventional.

- Non-Phytotoxic and Environmentally friendly.
- Technology is highly efficient in its nutrient delivery.
- Cost Effective: a small amount of product goes a long way.

### Compatibility

- Always run a compatibility test before spraying Biomin® Magnesium with other chemicals
- Is compatible with most fungicides and insecticides
- Incompatible with Phosphorous, Calcium and Potassium – nutrient containing products

### Product Storage and Handling

- Biomin® Magnesium is stable under normal storage conditions. Avoid overheating or freezing, exposure to moisture, heat and sunlight. Store in a cool, dry place
- Dispose of product/container in accordance with federal, state and local regulations

### Plant and Environmental Safety

- Harmless to plants and is non-phytotoxic when applied according to label directives
- Harmless to wildlife and is environmentally friendly

Application Guidelines

CROP	SOIL APPLICATION		FOLIAR APPLICATION	
	TIMING	RATE	TIMING	RATE
<b>FRUIT</b>				
<b>ORCHARDS: Apple &amp; Pome fruit</b>	Apply as needed starting early Spring	2-3kg/ha	Apply as needed	1kg/ha
<b>Avocado &amp; Citrus</b>	Apply as needed starting early Spring	2-3kg/ha	Apply as needed	1kg/ha
<b>Stone fruit &amp; Cherries</b>	Apply as needed starting early Spring	2-3kg/ha	Apply as needed	1kg/ha
<b>TREE NUTS: Almonds</b>	Apply as needed starting early Spring	2-3kg/ha	Apply as needed	1kg/ha
<b>OTHER TREE NUT CROPS: Walnuts, Pecans, Pistachio, Macadamia</b>	Apply as needed starting early Spring	2-3kg/ha	Apply as needed	1kg/ha
<b>OLIVE GROVES</b>	Apply as needed starting early Spring	2-3kg/ha	Apply as needed	1kg/ha
<b>TROPICAL FRUIT: Banana, Mango, Lychees, Papaya etc</b>	Apply as needed	2-3kg/ha	Apply as needed	1kg/ha
<b>ALL BERRY CROPS</b>	Apply as needed	1-2kg/ha	Apply as needed	1kg/ha
<b>VINEYARD CROPS: Wine grapes</b>	Apply as needed starting early Spring	2-3kg/ha	Apply as needed	1-2kg/ha
<b>Table grapes</b>	Apply as needed starting early Spring	2-3kg/ha	Apply with second sizer Repeat as needed	1-2kg/acre 1-2kg/ha
<b>VEGETABLES</b>				
<b>TUBER/ ROOT/BULB VEGETABLES: Potato, Parsnip, Onion, Garlic, Carrots</b>	Apply after planting or as needed	1-2kg/ha	Apply as needed	1-2kg/ha
<b>FRUITING VEGETABLES: Tomato, Caps, Eggplant, Cucurbits Chilli, all Melons</b>	Apply after planting or as needed	1-2kg/ha	Apply as needed	1-2kg/ha
<b>BRASSICA VEGETABLES</b>	Apply after planting or as needed	1-2kg/ha	Apply as needed	1-2kg/ha
<b>LEAFY VEGETABLES</b>	Apply after planting or as needed	0.5-1kg/ha	Apply as needed	1-2kg/ha
<b>OTHER</b>				
<b>FLOWERS &amp; ORNAMENTALS</b>	N/A	N/A	Apply as needed	0.5kg/ha

For more information on application rates and timing relevant to your crop or circumstances please contact your local distributor or visit [www.zadco.com.au](http://www.zadco.com.au)

**Disclaimer:** Any rates of application and timing may vary and are subject to change according to crop variety, crop demand for nutrient/s, seasonal variations, and crop circumstance. Technical advice is provided to growers on the basis that the information supplied by the grower or agent is correct and that any technical support obtained from third parties (e.g. soil and leaf analysis results) is also correct at the time of preparation of the report. Zadco does not accept any liability whatsoever and howsoever arising from the use of the technical advice and the products used, should the information supplied to Zadco be incorrect or inaccurate. For warranty details, please refer to JH Biotech's warranty on the product label.