



PLANT NUTRITION Biomin® Series – Glycine Chelated Minerals



CERTIFIED
ORGANIC



POWDER



ECO-FRIENDLY

Biomin® Manganese

Patented Glycine chelated Manganese
(Mn) 18%

Importance/Role of Manganese

Manganese is a major contributor to various biological processes including photosynthesis, respiration, and nitrogen assimilation. This nutrient also sustains metabolic roles within different cell components crucial to plant growth and development. Manganese is involved in pollen germination, pollen tube growth, root cell elongation and increasing resistance to root pathogens.

Product Advantages and Benefits

- 100% soluble, immediate uptake, translocation, and rapid correction of any Manganese deficiency.
- Important to citrus crops that have high demand for this nutrient.
- Buffered to maintain and mobilise Manganese levels within plants, including those on alkaline soils.
- Certified Organic.
- Approved for use across the board of farm



Available Pack Sizes

2 kg | 10 kg | 25 kg

Guaranteed Analysis

ACTIVE INGREDIENTS:	Dry Weight Basis %/w/v
Manganese (Mn) (as amino acid complex)	18
Nitrogen (N) (as amino acid)	4.8

classifications: organic, biodynamic, and conventional.

- 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® Manganese with other chemicals
- Is compatible with most fungicides and insecticides
- Incompatible with Phosphorous, Calcium and Potassium nutrient – containing products

Product Storage and Handling

- Biomin® Manganese 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
FRUIT				
ORCHARDS: Apple & Pome fruit	Apply as needed starting early Spring	1-2kg/ha	Apply before flowering POSTHARVEST ONLY 4-6 weeks before dormancy	0.5-1kg/ha 1kg/ha
Avocado & Citrus	Apply as needed starting early Spring	1-2kg/ha	Apply as needed	1kg/ha
Stone fruit & Cherries	Apply as needed starting early Spring	1-2kg/ha	Apply before flowering POSTHARVEST ONLY 4-6 weeks before dormancy	0.5-1kg/ha 1kg/ha
TREE NUTS: Almonds	Apply as needed starting early Spring	1-2kg/ha	Apply as needed	1kg/ha
OTHER TREE NUT CROPS: Walnuts, Pecans, Pistachio, Macadamia	Apply as needed starting early Spring	1-2kg/ha	Apply as needed	1kg/ha
OLIVE GROVES	Apply as needed starting early Spring	1-2kg/ha	Apply as needed	1kg/ha
TROPICAL FRUIT: Banana, Mango, Lychees, Papaya etc	Apply as needed	1-2kg/ha	Apply as needed	1kg/ha
ALL BERRY CROPS	Apply as needed	0.5-1kg/ha	Apply as needed	1kg/ha
VINEYARD CROPS: Wine grapes	Apply as needed starting early Spring	1-2kg/ha	Apply as needed	1-2kg/ha
Table grapes	Apply as needed starting early Spring	1-2kg/ha	Apply as needed	1-2kg/ha
VEGETABLES				
TUBER/ ROOT/BULB VEGETABLES: Potato, Parsnip, Onion, Garlic, Carrots	Apply after planting or as needed	1-2kg/ha	Apply as needed	1-2kg/ha
FRUITING VEGETABLES: Tomato, Caps, Eggplant, Cucurbits Chilli, all Melons	Apply after planting or as needed	1-2kg/ha	Apply as needed	1-2kg/ha
BRASSICA VEGETABLES	Apply after planting or as needed	1-2kg/ha	Apply as needed	1-2kg/ha
LEAFY VEGETABLES	Apply after planting or as needed	0.5-1kg/ha	Apply as needed	1-2kg/ha
OTHER				
FLOWERS & ORNAMENTALS	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

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.