



PLANT NUTRITION Biomin® Series – Glycine Chelated Minerals



CERTIFIED
ORGANIC



POWDER



ECO-FRIENDLY

Biomin® Boron

Patented Glycine chelated Boron
(complex amino acid) (B) 15%

Importance/Role of Boron

Boron plays an important role in cell division and the efficient translocation of Calcium, which is vital in the prevention of postharvest crop-quality breakdown conditions. Boron ensures healthy plant storage and conductive tissues for the transport of water, nutrients, and sugars to the actively growing regions of the plant e.g. buds, root tips and leaves. It also provides the elasticity to cell membranes which helps prevent fruit splitting and is an essential nutrient particularly regarding flowering, fruit set and formation.

Product Advantages and Benefits

- 100% soluble, immediate uptake, translocation, and rapid correction of any Boron deficiency.
- Improves flowering and fruit set.
- Increases elasticity of cell membranes.
- Reduces incidence of Boron-related disorders such as Hen and Chicken in grapes.
- Reduces fruit splitting and cracking by fortifying the plant at the cellular level.
- Improves fruit shape against deformation.
- Certified Organic.

Guaranteed Analysis

ACTIVE INGREDIENTS:	Dry Weight Basis %/w/v
Boron (B) <i>(as amino acid complex)</i>	15

- Approved for use across the board of farm classifications: organic, biodynamic, and 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® Boron with other chemicals
- Is compatible with most fungicides and insecticides
- Incompatible with Phosphorous, Calcium and Potassium – containing products

Product Storage and Handling

- Biomin® Boron 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



Available Pack Sizes

2 kg | 10 kg | 25 kg SOLUBLE POWDER

Application Guidelines

CROP	SOIL APPLICATION		FOLIAR APPLICATION	
	TIMING	RATE	TIMING	RATE
FRUIT				
ORCHARDS: Apple & Pome fruit	During periods of high nutrient demand, during fruit set and up to 2 weeks prior to harvest and/ or anytime as needed	1kg/ha	Apply 2-3 weeks before flowering Repeat as needed Apply 4-6 weeks before dormancy	1kg/ha 1kg/ha 1kg/ha
Citrus Crops	During periods of high nutrient demand, during fruit set and up to 2 weeks prior to harvest and/ or anytime as needed	1kg/ha	Apply 2-3 weeks before flowering Repeat as needed Apply postharvest	1kg/ha 1kg/ha 1kg/ha
Avocado	During periods of high nutrient demand, during fruit set and up to 2 weeks prior to harvest and/ or anytime as needed	1kg/ha	Apply at cauliflower stage Apply at fruit set Apply 3 weeks later Repeat as needed	1kg/ha 1kg/ha 0.5kg/ha 0.5-1kg/ha
Stone fruit & Cherries	During periods of high nutrient demand, during fruit set and up to 2 weeks prior to harvest and/ or anytime as needed	1kg/ha	Apply at fruit set Repeat as needed Apply 4-6 weeks before dormancy	1kg/ha 1kg/ha 1kg/ha
TREE NUTS: Almonds	Apply anytime as per crop requirements or as needed	1-2kg/ha	Apply as needed Apply 4-6 weeks before dormancy	1kg/ha 1kg/ha
OTHER TREE NUT CROPS: Walnuts, Pecans, Pistachio, Macadamia	During periods of high nutrient demand, during fruit set and up to 2 weeks prior to harvest and/ or anytime as needed	1kg/ha	Apply 2-3 weeks before flowering Repeat as needed Apply 4-6 weeks before dormancy or postharvest	1kg/ha 1kg/ha 1kg/ha
OLIVE GROVES	During periods of high nutrient demand, during fruit set and up to 2 weeks prior to harvest and/ or anytime as needed	1kg/ha	Apply 2-3 weeks before flowering Repeat as needed Apply 4-6 weeks before dormancy or postharvest	1kg/ha 1kg/ha 1kg/ha
TROPICAL FRUIT: Banana, Mango, Lychees, Papaya etc	During periods of high nutrient demand, during fruit set and up to 2 weeks prior to harvest and/ or anytime as needed	1kg/ha	Apply 2-3 weeks before flowering Repeat as needed Apply postharvest	1kg/ha 1kg/ha 1kg/ha
ALL BERRY CROPS	Begin applications at crop establishment Repeat fortnightly as needed	1kg/ha	Apply 2-3 weeks before flowering Repeat as needed	0.5-1kg/ha 0.5-1kg/ha
VINEYARD CROPS: Wine & table grapes	During periods of high nutrient demand, during fruit set and up to 2 weeks prior to harvest and/ or anytime as needed	1kg/ha	Apply 2-3 weeks before flowering Repeat around veraison Repeat as needed	1kg/ha 1kg/ha 1kg/ha
VEGETABLES				
TUBER/ ROOT/BULB VEGETABLES: Potato, Parsnip, Onion, Garlic, Carrots	During periods of high nutrient demand, during fruit set and up to 2 weeks prior to harvest and/ or anytime as needed	1kg/ha	Apply 1 month after emergence Repeat as needed	0.5-1kg 0.5-1kg/ha
FRUITING VEGETABLES: Tomato, Caps, Eggplant, Cucurbits Chilli, all Melons	During periods of high nutrient demand, during fruit set & up to 2 weeks prior to harvest and/ or anytime as needed	0.5-1kg/ha	Apply 1 week after fruit set Repeat as needed	0.5-1kg/ha 0.5-1kg/ha
BRASSICA VEGETABLES	During periods of high nutrient demand, during fruit set & up to 2 weeks prior to harvest and/ or anytime as needed	1kg/ha	Apply 2 weeks after transplant Apply 1 week before head formation Repeat as needed	1kg/ha 1kg/ha 1kg/ha
LEAFY VEGETABLES	During periods of high nutrient demand, during fruit set & up to 2 weeks prior to harvest and/ or anytime as needed	1kg/ha	Apply as needed	0.5kg/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.