



CERTIFIED ORGANIC



LIQUID



ECO-FRIENDLY

Biomin® N

Patented Glycine chelated Nitrogen (N) 5%

Importance/Role of Nitrogen

Nitrogen is one of the most imperative elements for proper plant growth and development, which significantly increases and enhances crop yield and quality. It plays a vital role in plant biochemical and physiological functions such as photosynthesis, and is a key component of living cells, enzymes, and proteins. Nitrogen enhances growth, leaf quality and increases seed and fruit production.

Product Advantages and Benefits

- Biomin® N is a novel fertiliser derived from hydrolysed vegetable proteins to supply nitrogen to plants.
- Is composed of non-GMO and nontoxic vegetable proteins derived from a quality, environmentally friendly source.
- Organic and highly available form of Nitrogen recognised by plants.
- Enhances yield potential.
- Rapid Nitrogen deficiency correction.
- Low salt index and has no offensive odour.
- Approved for use across the board of farm clas-

Guaranteed Analysis

Total Nitrogen (N): Derived from soy protein hydrolysate
5% Water Soluble Nitrogen (*Liquid formulation*)
14% Water soluble Nitrogen (*Soluble Powder formulation available on request*)

- sifications: organic, biodynamic, and conventional.
- Non-Phytotoxic and Environmentally friendly.
- Highly efficient and cost-effective.

Compatibility

- Always run a compatibility test before spraying Biomin® N with other chemicals
- Is compatible with most fungicides and insecticides

Product Storage and Handling

- Biomin® N 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

10 kg | 25 kg SOLUBLE POWDER

3.875 L | 18.92 L | 1000 L LIQUID

Application Guidelines

NB:** Rates of application in table represent rates of Biomin® N 5% (Liquid). For application rates of Biomin® N 14% (SP), please contact us.

CROP	SOIL APPLICATION		FOLIAR APPLICATION	
	TIMING	RATE	TIMING	RATE
FRUIT				
ORCHARDS: Apple & Pome fruit	Apply 1-month before flowering Repeat after fruit set Apply at 3cm fruit size Repeat as needed Stop 6 weeks prior to harvest	20-40L/ha 20-40L/ha 20-40L/ha 20-40L/ha -----	Apply after fruit set Apply at 3cm fruit size	5-10L/ha 5-10L/ha
Avocado & Citrus	Apply 1 month before flowering Repeat after fruit set Apply at 3cm fruit size & as needed	20-40L/ha 20-40L/ha 20-40L/ha	Apply after fruit set (if needed) Apply when fruit is 3cm or as needed	5-10L/ha 5-10L/ha
Stone fruit & Cherries	Apply at pink bud Repeat after fruit set Repeat mid-season Apply postharvest	10-20L/ha 20-40L/ha 10-20L/ha 10-20L/ha	Apply after fruit set Repeat mid-season	5-10L/ha 5-10L/ha
TREE NUTS: Almonds	Apply 1 month before flowering Repeat after fruit set Apply at 3cm fruit size & as needed Apply postharvest	20-40L/ha 20-40L/ha 20-40L/ha 10-20L/ha	Apply after fruit set Apply at 3cm fruit size	5-10L/ha 5-10L/ha
OTHER TREE NUT CROPS: Walnuts, Pecans, Pistachio, Macadamia	Apply 1 month before flowering Repeat after fruit set Apply at 3cm fruit size & as needed	20-40L/ha 20-40L/ha 20-40L/ha	Apply after fruit set Apply at 3cm fruit size	5-10L/ha 5-10L/ha
OLIVE GROVES	Apply 1 month before flowering Repeat after fruit set Apply at 3cm fruit size & as needed	20-40L/ha 20-40L/ha 20-40L/ha	Apply 1 week before flowering Apply at 80% flowering Apply after fruit set Apply at 3cm fruit size	5-10L/ha 5-10L/ha 5-10L/ha 5-10L/ha
TROPICAL FRUIT: Banana, Mango, Lychees, Papaya etc	Apply 1 month before flowering Repeat after fruit set Apply at 3cm fruit size & as needed Stop 6-8 weeks prior harvest	20-40L/ha 20-40L/ha 20-40L/ha -----	Apply 1 week before flowering Apply at 80% flowering Apply after fruit set Apply at 3cm fruit size	5-10L/ha 5-10L/ha 5-10L/ha 5-10L/ha
ALL BERRY CROPS	Apply after crop establishment Repeat every month	20-40L/ha 20-40L/ha	Apply 1-2wks before flowering Repeat as needed	5-10L/ha 5-10L/ha
VINEYARD CROPS: Wine grapes	Apply once shoots are 30-40cm long Repeat before flowering Repeat after fruit set Repeat mid-season & stop	20-40L/ha 20-40L/ha 20-40L/ha 20-40L/ha	Apply 3 weeks before flowering Apply 1-2 weeks after fruit set Repeat as needed Repeat before veraison	5-10L/ha 5-10L/ha 5-10L/ha 5-10L/ha
Table grapes	Apply once shoots are 30-40cm long Repeat before flowering Repeat after fruit set Repeat mid-season & stop	20-40L/ha 20-40L/ha 20-40L/ha 20-40L/ha	Apply 3 weeks before flowering Apply 1-2 weeks after fruit set Repeat as needed Repeat before veraison	5-10L/ha 5-10L/ha 5-10L/ha 5-10L/ha
VEGETABLES				
TUBER/ ROOT/BULB VEGETABLES: Potato, Parsnip, Onion, Garlic, Carrots	Apply once crop is 10-15cm high Apply before tuber/bulb formation Repeat 2-3 weeks later Stop 6 weeks before harvest	20-40L/ha 20-40L/ha 20-40L/ha -----	Apply once crop is 15-20cm high Repeat every 15-21 day Stop 6 weeks prior harvest	5-10L/ha 5-10L/ha -----
FRUITING VEGETABLES: Tomato, Caps, Eggplant, Cucurbits Chilli, all Melons	Apply 2 weeks after planting Repeat every month thereafter	20-40L/ha 20-40L/ha	Apply once crop is 15-20cm high Repeat as needed	5-10L/ha 5-10L/ha
BRASSICA VEGETABLES	Apply 1-2 weeks after planting Repeat every 15 days & stop Apply 1-month before harvest	20-40L/ha 20-40L/ha 20-40L/ha	Apply 1 week after transplant Apply before head formation	5-10L/ha 10-15L/ha
LEAFY VEGETABLES	Apply 1 week after planting Repeat as needed	20-40L/ha 20-40L/ha	Apply 1 week after transplant Repeat as needed	5-10L/ha 5-10L/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.