BIO PLANT

DynoMoB

Plant Stress Management™
Reg No: B3504 Act 36 of 1947

AFRI COMPLIANCE
CERTIFICATION NO:
AC/P/2018/143

We confirm that Agrilibrium's Manufacturing Plant and Product range conforms to the standards as set down by Afri Compliance Agricultural enhancement product protocols and is certified in terms of:

- Good manufacturing practices
- Quality assurance and traceability
- Good corporate governance
- Risk management and Bio Security

MANUFACTURED IN SOUTH AFRICA

DynoMob is a biological liquid foliar nutrient formulation with a high Boron (B) and Molybdenum (Mo) content. It also contains Urease activator that enhances nitrogen metabolism and therefore ensures optimal Nitrogen (N) use.
The micronutrient's support the antioxidant system which is part of the Agrilibrium **Plant Stress Management™** program.

Product Characteristics:

Boron is essential in optimizing cell wall and membrane structure and strength as well as cell elongation and growth particularly in association with auxin formation and root growth. Boron also plays a major role in conjunction with Copper in fertility during pollination and pollen tube growth.
Molybdenum Nickel and Cobalt are essential to optimize nitrogen fixation specifically in leguminous crops and to improve nitrogen metabolism in crops in general.

Directions for use:

Shake well before use:
DynoMob is compatible with most agrochemical products but it is recommended that a compatibility drinking glass test be done before mixing with other chemicals.
Spray solution water must be buffered between pH 4.5 and 5.5.
Do not mix **DynoMob** with highly alkaline materials.
Application concentrations 0.5 % to 1% (500ml – 1ℓ /100ℓ water).
Applications should never be lower than 0.5 % for maintenance applications and must not exceed a maximum spray concentration of **1% (1ℓ)** per application for rectification of specific problems.
Application should be preferably split during the growing season. (250ml-500ml)

Composition:

Boron (B)	28320 mg/kg
Molybdenum (Mo)	8808 mg/kg
Zinc (Zn)	3162 mg/kg
Iron (Fe)	881 mg/kg
Manganese (Mn)	1174 mg/kg
Copper (Cu)	1716 mg/kg
Nickel (Ni)	1807 mg/kg
Cobalt (Co)	759 mg/kg
Magnesium (Mg)	4.5 g/kg
Sulphur (S)	5.9 g/kg
Amino Acids	1%

Product Properties:

S.G	1.09± 0.02
pH:	5.6 ± 0.1
Appearance: Purple, clear	solution

Storage:

Storage temperature: 13ºC - 25ºC.
Store in a cool dry area
Do not store in direct sunlight.

Packaging: 20ℓ - 1000ℓ

Apply foliar spray during cool periods of the day, do not spray on plants that are wilted.

In the case of overhead irrigation, refrain from irrigating the treated crop for at least 12 hours

Use **FulMax** (**0.1%, 100mℓ /100ℓ water)** in the foliar spray mixture as wetter/spreader/re-wetter to ensure efficient uptake of the nutrients through the leaf surface.

FERTASA
Fertilizer Association of Southern Africa

Agrilibrium is a member of FERTASA and is certified for compliance in terms of set standards audited by Afri Compliance as stipulated in the FERTASA code of conduct.
Certificate Number: FERT-2018-0
Whilst every care is taken during the manufacturing of this product no responsibility can be taken by the manufacturer for any damage, loss or any other result due to the use of this product

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Total tank concentration should never be lower than 0.5% (500mℓ/100ℓ) and preferably 1% (1ℓ/100ℓ).

General Recommendation:

Crop	Max rate/ha	Rate /100ℓ water	Remarks
Pome Fruit: Apples Pears **Stone Fruit:** Apricots, Peaches, Plums **Sub-Tropical Fruit:** Mango, Avocado, Macadamia, Pecan, Bananas, Litchis **Citrus:**	0.75% - 1% **DynoMob** Add 100 - 200 mℓ/100ℓ **FulMax** to improve uptake and efficiency.	250mℓ **DynoMob** plus, 500mℓ **BioKelp** plus, 500mℓ **BioPhos** plus, 300mℓ BioDynoCMZ plus, 100mℓ **FulMax** /100 ℓ tank solution	Apply as a medium to low volume (500ℓ -1000 ℓ) foliar spray in a regular program commencing during spring (after bud break). First application 2 weeks after first flush with 14 to 21day intervals up to 3 weeks before harvest. **50% wetting sufficient.**
Grapes: Table grapes Wine grapes	0.75% - 1% **DynoMob** Add 100 - 200 mℓ/100ℓ **FulMax** to improve uptake and efficiency.	250mℓ **DynoMob** plus, 500mℓ **BioKelp** plus, 500mℓ **BioPhos** plus, 300mℓ BioDynoCMZ plus, 100mℓ **FulMax** /100 ℓ tank solution	Apply as a medium to low volume (500ℓ -1000 ℓ) foliar spray. First application between flowering and fruit set. Last application no later than veraison stage for table grapes and during the lag phase (berry is pea size) for wine grapes.
Root Vegetable: Potatoes Sweet Potato **Other Vegetables:** Tomatoes, Peppers	0.75% - 1% **DynoMob** Add 100 - 200 mℓ/100ℓ **FulMax** to improve uptake and efficiency.	250mℓ **DynoMob** plus, 500mℓ **BioKelp** plus, 500mℓ **BioPhos** plus, 300mℓ **BioDynoCMZ** plus, 100mℓ **FulMax** /100 ℓ tank solution	Apply as a medium to low volume (100ℓ- 250ℓ) foliar spray in a regular program commencing 2 weeks after germination or from 4 leaf stage onwards. Apply at least once every 14 days during the growing season.
Grain: Wheat Maize Canola Beans Soybeans Lucerne	0.75% - 1% **DynoMob** Add 100 - 200 mℓ/100ℓ **FulMax** to improve uptake and efficiency.	250mℓ **DynoMob** plus 750mℓ - 1ℓ **BioDynoCMZ** plus, 100mℓ **FulMax** per 100 ℓ tank solution	First application 2-3 weeks after germination (4-5 leaf stage). Follow up application at flag leaf stage in wheat or 8 – 10 leaf stage for other crops.

- Due to the variation of soil and soil types from area to area, a full recommendation will only be possible once a ***soil analysis and 1:2 water extract*** analysis has been done.
- Recommendations are also based on requirements for different crop types.

Contact your Agrilibrium representative to obtain a crop specific Plant Stress Management™ recommendation.