



Reg No B3504 * Act 36 of 1947

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 other micro-nutrients are present to support the anti-oxidant system and therefore **DynoMoB** is also part of the Agrilibrum **Plant Stress Management™** program.

Composition:

Boron (B).....	8945 mg/kg
Molybdenum (Mo).....	6789 mg/kg
Zinc (Zn).....	3211 mg/kg
Iron (Fe).....	738 mg/kg
Manganese (Mn).....	1101 mg/kg
Copper (Cu).....	688 mg/kg

An amino and fulvic acid chelated product.

Product Properties:

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

Plant Stress Management™ Product

A Biological Equilibrium Farming Product



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. These are important **Plant Stress Management™** actions. It also plays a major role in conjunction with Copper in fertility during pollination and pollen tube growth.

Molybdenum and Cobalt are essential to optimize nitrogen fixation specifically in leguminous crops and to improve nitrogen metabolism in crops in general. It should be applied in conjunction with nitrogen binding organisms like the free living nitrogen binding soil bacterium ***Azotobacter chroococcum (QCM360)*** in the root zone of the crop.

DynoMoB is taken up very efficiently as a foliar spray or irrigation applied formulation and should be used on all crops to specifically alleviate Boron and Molybdenum deficiencies. It should be applied simultaneously where necessary with foliar applications of **DynoCMZ, BioKelp and BioPhos**, and **0.2% FulMax** as chelating, wetting and uptake enhancer and also during soil applications of **QCM360** and **LiquiCompost**.

DynoMoB is compatible with most agrochemical products but it is recommended that a compatibility drinking glass test be done before mixing with other chemicals.

Directions for use: Use only as directed

Spray solution water must be buffered between pH 4.5 and 5.5.

- Use **FulMax** (0.2%, 200ml /100l water) in the foliar spray mixture as wetter/spreader/re-wetter to ensure efficient uptake of the nutrients through the leaf surface.
- Do not mix **DynoMoB** with highly alkaline materials.
- **DynoMoB** concentration must not exceed **1 l per application**. Application should preferably be split over the growing season.
- **DynoMoB** is a **plant physiological treatment** and will be effective on all plants where **B, Mo or Co** is deficient, but particularly on leguminous crops where it will enhance microbial activity in the soil.
- Apply foliar spray preferably **during cool periods of the day**.
- Do not spray on plants that are wilted – spray early morning.

Optimal application dosage concentration based on dosage response results.

Total tank concentration should never be lower than 0.75% (750mℓ/100ℓ) and preferably 1% (1ℓ/100ℓ).

General Recommendation:

Crop	Max rate/ha	Rate /100ℓ water	Remarks
Pome Fruit: Apples Pears	0.75% - 1% DynoMoB Add 100 - 200 mℓ/100ℓ FulMax to improve uptake and efficiency.	500mℓ BioKelp plus 500mℓ BioPhos plus 300mℓ DynoCMZ plus 250mℓ DynoMoB 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 21 day intervals up to 3 weeks before harvest. 50% wetting sufficient.
Stone Fruit: Apricots, Peaches, Plums			
Sub-Tropical Fruit: Mango, Avocado, Macadamia, Pecan, Bananas, Litchis			
Citrus:			
Grapes: Table grapes Wine grapes	0.75% - 1% DynoMoB Add 100 - 200 mℓ/100ℓ FulMax to improve uptake and efficiency.	500mℓ BioKelp plus 500mℓ BioPhos plus 300mℓ DynoCMZ plus 250mℓ DynoMoB 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 for tablegrapes and during the lag phase (berry is pea size) for wine grapes.

Root Vegetable: Potatoes Sweet Potato	0.75% - 1% DynoMoB Add 100 - 200 mℓ/100ℓ FulMax to improve uptake and efficiency.	500mℓ BioKelp plus 500mℓ BioPhos (or 1ℓ DynoCMZ) plus 250mℓ DynoMoB 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.
Other Vegetables: Tomatoes, Peppers			
Grain: Wheat Maize Canola Beans Soybeans Lucerne	0.75% - 1% DynoMoB Add 100 - 200 mℓ/100ℓ FulMax to improve uptake and efficiency.	750mℓ - 1ℓ DynoCrop plus 200mℓ DynoMoB plus 200mℓ FulMax /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 **Agribrium** representative to obtain a crop specific Plant Stress Management™ recommendation.