

# RhizoVital®

Fertiliser Group 2  
Reg. No. B4201, Act No. 36 of 1947 / N-F0758

Biological liquid fertiliser containing natural soil bacterium for support of healthy root growth.



 **Andermatt**  
Madumbi



20L

## WARNINGS AND PRECAUTIONS

- Keep out of reach of children, uninformated persons and animals.
- RhizoVital is stable when stored at 20°C. Use before expiry date.
- May cause slight eye irritations.
- May cause allergic reactions in sensitive persons.
- Remember you are working with a living organism. Avoid exposure to high temperatures and direct sunlight.
- Do not use after expiry date.
- Do not leave product or mixture standing in the sun.
- Wash hands with soap and water before eating, drinking or smoking.

## COMPATABILITY

Compatibility with chemical products is not assured. Do not mix with chemicals unless the supplier has confirmed compatibility. Do not mix in containers that have previously been used for toxic substances.

## DIRECTIONS FOR USE

- General application rate 500ml/ha. Refer to rates table for detailed recommendations.
- Shake bottle well before use.
- Pour required volume of product into 1L of water and mix well.
- Add premix to the application tank and apply immediately. If possible application mix should be agitated or stirred during application to avoid settling of the mixture.
- Apply to moist soil as close as possible to the root zone.
- Avoid use in conditions when soil temperature is below 10°C
- Close the lid of the bottle firmly after the seal is broken and store leftover product in a refrigerator. Do not keep opened product for extended periods.
- This formulation is intended for soil application and is not recommended for use as a foliar application.
- Use within 8 hours of mixing.

## Active Ingredient

The strain of *Bacillus amyloliquefaciens*, FZB42, has been selected from naturally occurring strains and is not a genetically modified organism according to Directive 90220/EU.

*Bacillus amyloliquefaciens* FZB42 > 2.5 x 10<sup>10</sup> spores per ml

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Country of origin: Germany

Certified by:  
(as Amy Protec 42)



Founding Member:  
  
South African Bioproducts Organisation

DRAFT

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Batch No:  
Expiry date:

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**DISCLAIMER:** Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water; compatibility with other substances not indicated on the label as well as by the method, time and accuracy of application. The registration holder, furthermore, does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animals; the lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of registration. Please consult the supplier in the event of any uncertainty.

## SUGGESTED APPLICATION RATES AND FREQUENCY:

Crop	Method	Rate	Remark
Row crops (barley, maize, soya, sunflower, wheat.)	Seed treatment	0.5 ml/kg seed	Apply directly to seed prior to planting. Seed may be treated up to two weeks in advance. Allow seed to dry if storing prior to plant.
Vegetables, ornamentals and small fruit (Cucmuber, leafy veg, tomatoes, strawberries & others)	Drench treatment	Seedling trays: 4 ml/10 L water After transplant: 250-500 ml/ha	Seedling trays: Drench 1-3 L of solution per m <sup>2</sup> shortly after sowing, germination and or prior to planting. After transplant: Apply as a drench to damp soil, irrigate after application to wash product into root zone. May be repeated monthly.
Root and bulb vegetables (Carrots,onions, potatoes.)	In furrow or drench treatment	In furrow: 500 ml/80L water to treat 1 ha. Drench: 500 ml/ha	1 <sup>st</sup> application: Applied in furrow during planting. May be mixed with fertiliser or pesticide application or via irrigation. 2 <sup>nd</sup> application: Applied at week 4 as a soil drench. 3 <sup>rd</sup> application: Applied at week 8 as a soil drench.
Trees and vines (apples, citrus, grapes and others)	Drench treatment	500 ml/ha	Apply with first root flush of the growing season. with sufficient water to wash product into the root zone.