

RhizoVital® 42 I. is a concentrated liquid formulation of *Bacillus amyloliquefaciens* - strain FZB42, a non-pathogenic micro organism occurring naturally in the soil. This formulation has a broad spectrum of activity and is intended for use as a biological liquid fertilizer for potatoes, cereals, vegetables, ornamentals, strawberries, trees, turf and other crops. RhizoVital is a natural soil bacterium to promote healthy growth.

### WARNINGS AND PRECAUTIONS

- Keep out of reach of children, uninformed persons and animals.
- When sealed this product is stable at 20°C for up to two years. Refrigerate once opened and use as soon as possible. Ensure container is tightly sealed.
- May cause slight eye irritations.
- May cause allergic reactions in sensitive persons.

### DIRECTIONS FOR USE - USE ONLY AS DIRECTED

- For general use apply at a rate of 500 ml/Ha for all crops.
- Pour required volume of product into 1L of water and mix well.
- Add the premix to the application tank and apply immediately. If possible tank should be agitated during application. Use within 8 hours of mixing.
- Apply as a root drench or irrigate onto damp soil before or just after planting.
- Apply as close as possible to the root zone.
- Repeat applications after 2-4 weeks, two repeat applications are recommended particularly in diseased soils.

- **This product contains live organisms.** Take note and use before expiry date.
- 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.
- **Do not leave product or mixture standing in the sun.**
- Shake bottle well before use.
- Avoid use in conditions when soil temperature is below 10°C
- Wash hands with soap and water before eating, drinking or smoking.

### ORNAMENTALS, VEGETABLES AND OTHER CROPS

#### Detailed application rates and frequency:

Method		Recommended Rate	Note
Drench application	Seedbeds & cuttings	2 ml per 10 L water or 0.02% sol. (500 ml/Ha)	Drench or spray suspension onto damp soil before or just after sowing or planting.
	Repeat applications after 2-4 weeks, a maximum of two repeat applications or as recommended by a consultant.		
Field application	Spray	500 ml/Ha	After spraying, irrigation or rain is needed to wash product into the root zone.
	Nutrient Solution		Apply directly via irrigation system.
Hydroponics		1 L/Ha	Repeat applications every 4 weeks.

Crop	Recommended Rate	Recommended Method
Strawberries	500 ml/Ha	Drench x 2
Lettuce, Cabbage, Carrots & others		Drench x 1
Tomatoes, Cucumbers, Ornamentals & others		Drench x 2
Cereals		Drench x 1
Potatoes		In furrow at plant, repeat 28 days and 56 days after emergence
Turf		Drench x 1

**Disclaimer:** Although this inoculant has been tested under a variety of conditions, the supplier does not warrant that it will be efficacious under all conditions. Because the active agent is a living organism, its action may be affected by storage, handling, climatic or soil conditions. This naturally occurring organism should not cause damage to crops, vegetation, or the environment, nor harm to man and animals. However, in the unlikely event of this happening, the supplier does not accept responsibility for any damage that may occur.

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