



REAL TRICHODERMA

Reg. no. L10775 / Act 36 of 1947

Read the label before use. Peel open for full particulars. **Keep out of reach of children and animals.**

LIVE BIOLOGICAL CONTROL AGENT

REAL TRICHODERMA is an emulsifiable spore concentrate of the beneficial fungus *Trichoderma asperellum*, strain TRC900. **REAL TRICHODERMA** acts as a biofungicide for control of Apple scab, Botrytis, Citrus black spot, Downy mildew and Sclerotinia. Additional soil applications provide suppression of Botrytis, Citrus black spot and Fusarium wilt.

This product is not classified as Hazardous under GHS

Active ingredient:

Trichoderma asperellum strain TRC900.

At least 1×10^9 cfu/ml.

1ℓ

Registration holder:

realIPM South Africa (Pty) Ltd

Co. Reg. 2012/034646/07

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Controlled by
ECOCERT F-32600

Product allowed for use in
organic agriculture according
to EU regulation 2018/848,
2021/1165 & the NOP

Batch number:

Expiry date:

WARNINGS

WITHHOLDING PERIODS:

A 7 Day minimum PHI must be adhered to for wine grapes.
REAL TRICHODERMA has a 0 day PHI on all other crops.

- Store in a cool, dark place out of direct sunlight at between 8-20 °C.
- Shake well before use.
- This product is not considered to be hazardous to humans or to the environment.
- The product is not toxic, infective or pathogenic via ingestion, skin contact or inhalation.
- The ingredients in this product are not listed by NTP, OSHA, or IARC as a carcinogen and have no known chronic side effects.

DISCLAIMER

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be effective under all conditions as the action and effect thereof might be affected by factors such as abnormal climatic or storage conditions, quality of dilution water in the spray tank, compatibility of other substances not indicated on the label, the resistance of the pest against the remedy concerned, as well as method and accuracy of the application.

Furthermore, the registration holder does not accept responsibility for damage to crops, vegetation, the environment, nor harm to man nor animal. Neither does the registration holder accept responsibility for lack of performance of the remedy due to failure of the user to follow the label instructions nor the occurrence of conditions, which could not have been foreseen in terms of registration.

Consult the supplier in the event of uncertainty.

PRECAUTIONS AND FIRST AID

Inhalation	This product is not considered to be a risk to the respiratory system. Do not inhale spray mist. If inhaled, move person to fresh air.
Skin contact	Remove contaminated clothing. Wash thoroughly with soap and water immediately. It may cause mild irritation. Get medical attention if irritation develops.
Eye contact	In cases of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
Chronic	Call a physician if a large amount is swallowed. Do not give anything by mouth to an unconscious person.
Ingestion	Active ingredient has shown no mammalian toxicity.

- Wear protective clothing, rubber gloves and face mask when mixing.
- Do not eat, drink or smoke whilst mixing or applying, nor before washing hands and face.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams and areas not under treatment.
- Rinse empty containers three times with a volume equal to 10% of the volume of the container. Add the rinsings into the contents of the spray tank.
- Empty container can be recycled or disposed of in a safe way.
- Prevent contamination of food, feeds and drinking water.
- In case of spillage, absorb the liquid and scrub the area.

MODE OF ACTION

REAL TRICHODERMA acts as a biofertiliser and biofungicide when used in crop protection programmes. In the soil, **REAL TRICHODERMA** colonises the rhizosphere and produces enzymes that kill competing pathogenic fungi and bacteria by the process of mycoparasitism.

As a foliar spray, **REAL TRICHODERMA** provides a biofertiliser and fungicidal effect as it grows endophytically into the leaves, stimulating growth promoting enzymes and systemically killing pathogenic fungi.

DIRECTIONS

Apply **REAL TRICHODERMA** as a full cover film spray with good coverage. Do not spray to the point of run-off. **REAL TRICHODERMA** is compatible with all spray application equipment including micro, drip and overhead irrigation systems for soil drench applications. Trichoderma spores are not affected by the normal pH of the spray tank water.

Trichoderma spores are UV light sensitive, limiting any residual activity.

REAL TRICHODERMA does not harm bees, fish, birds, beneficial insects or wildlife and is compatible with an Integrated Pest Management (IPM) programme.

For improved efficacy, is it recommended that **REAL TRICHODERMA** be applied with an approved adjuvant.

CROP	PEST	DOSAGE/HA	DIRECTIONS	
			Foliar Spray	Soil Drench
Avocados	Botrytis	200-400 ml	Every 7 days	
Bananas	Fusarium wilt	200-400 ml		Monthly
Berries & other Small Fruit	Botrytis	200-400 ml	Every 7 days	
Brassica Vegetables	Botrytis	200-400 ml	Every 7 days	
	Downy mildew	200 ml	Every 10-14 days	
Bulb Vegetables	Botrytis	200-400 ml	Every 7 days	
	Downy mildew	200 ml	Every 10-14 days	
Cannabis	Botrytis	200 ml	Every 10-14 days	
	Downy mildew	200 ml	Every 10-14 days	
Capsicum	Botrytis	200 ml	Every 10-14 days	
Citrus	Botrytis	200-400 ml	Every 10-14 days	Monthly
	Citrus black spot	300-600 ml	Every 21 days	
	Citrus black spot	200 ml		Monthly
Fruiting Vegetables	Botrytis	200-400 ml	Every 7 days	
	Downy mildew	200 ml	Every 10-14 days	
Grapes	Botrytis	200-400 ml	Every 7-14 days	
	Downy mildew	200 ml	Every 10-14 days	
Legume Vegetables	Downy mildew	200 ml	Every 10-14 days	

CROP	PEST	DOSAGE/HA	DIRECTIONS	
			Foliar Spray	Soil Drench
Pome Fruit	Apple scab	200 ml	Every 10-14 days	Monthly
Pomegranates	Botrytis	200-400 ml	Every 7 days	
	Fusarium wilt	200-400 ml		Monthly
Pulses Dry	Botrytis	200-400 ml	Every 7-14 days	
	Downy mildew	200 ml	Every 10-14 days	
Stone Fruit	Botrytis	200-400 ml	Every 7-14 days	
Tree Nuts	Botrytis	200 ml	Every 10-14 days	
Tropical & Subtropical Fruit	Botrytis	200-400 ml	Every 7 days	

SEED TREATMENT		
CROP	PEST	DOSAGE/HA SEED
Sunflowers	Sclerotinia	50-100 ml
REAL TRICHODERMA is a highly effective seed or tuber treatment that stimulates root development, plant emergence and plant growth. Apply 100-150 ml REAL TRICHODERMA to a hectare worth of seed or tubers.		

MIXING INSTRUCTIONS

Shake the container very well before every use.

- Pre-mix the required volume of **REAL TRICHODERMA** into 10 ℓ of water while stirring vigorously.
- Fill the spray tank with half the required water volume and start the agitator mechanism.
- Add the pre-mix to the spray tank, while maintaining agitation.
- Fill with water to the required level.
- Agitate spray tank continuously during application.
- For best results, mixtures must be applied as soon as possible and not left overnight, or in direct sunlight.

COMPATIBILITY

NB: DO NOT MIX WITH THE FOLLOWING ACTIVE INGREDIENTS:
BENOMYL, CARBENDAZIM, QUATERNARY AMMONIUM.

APPLICATION INSTRUCTIONS

- Application frequency and application rates are both based on disease pressure. If disease pressure increases, application frequencies can be increased.
- It is recommended that higher dosage rates be used during high disease pressure periods.
- Optimum time for application is as close to the rain event as possible.
- Under extreme pest pressure, additional crop protection interventions should be considered.

STORAGE INSTRUCTIONS

- Store in a cool, dark place between 8-20 °C, to maintain oil viscosity and miscibility of spores in suspension.
- **Product must be used before expiration date.**
- Use immediately once opened.

