



BIOLOGICAL PRODUCTS



CERTIFIED ORGANIC



POWDER



LIQUID

TRI-D25[®]

Trichoderma koningii & *Trichoderma harzianum*

TRI-D25[®] is a beneficial fungal inoculant containing two widely studied proprietary strains of *Trichoderma*: *Trichoderma koningii* and *Trichoderma harzianum*.

TRI-D25[®] is one of the first commercially available *Trichoderma* sp. products to be used in Australia and NZ. It has shown significant efficacy on many crops, namely in viticulture.

TRI-D25[®] is commonly used as a beneficial soil and/or foliar inoculum to reap the benefits of its unique modes of action. It improves overall soil and plant health leading to increased yield and quality.

The TRI-D25[®] Advantage

- The 2 strains in TRI-D25[®] work synergistically through differing yet, complementary modes of action.
- The *Trichoderma* species in this product produce humic compounds which form aggregates to improve soil structure and porosity.
- In fumigated or soils with low biological activity, TRI-D25[®] can help create a soil biome dominated by beneficial organisms around the rhizosphere.
- Certified Organic.

Guaranteed Analysis

Trichoderma koningii 5 x 10⁷ (cfu) / gram
Trichoderma harzianum

The total spore counts is 5 x 10⁷ active spores per gram of product

- Approved for use across the board for various farm classifications: organic, biodynamic, and conventional to improve overall plant and soil health.

Benefits

- TRI-D25[®] is highly root competent and improves seedling and transplant survival and germination
- TRI-D25[®] helps increase beneficial microbial activities in the rhizosphere to promote root and plant growth
- Aids in the crowding out of pathogens when wet weather conditions prevail
- Improves crop yield and quality by inducing a growth promotion response encouraging root health and vitality



Available Pack Sizes

1 kg SOLUBLE POWDER | 1 L LIQUID

INNOVATION FOR SAFER AGRICULTURE

Application Guidelines

CROP	GENERAL SOIL APPLICATION RATES		GENERAL FOLIAR APPLICATION RATES	
	TIMING	RATE	TIMING	RATE
FRUITS				
ORCHARDS: Avocado, Apple, Pome, Citrus, Cherry & Stone fruit	Apply 1 month before flowering Repeat every 3-4 months	1kg or 1L/ha**	Apply at 80% flowering Repeat if wet conditions persist close to harvest	1L/ha
ALL BERRY CROPS	Apply before or at planting Repeat every 4-6 weeks	1kg or 1L/ha**	Apply at flowering Repeat every 10-15 days in wet conditions	1L/ha
TROPICAL FRUITS: Banana, Mango, Jackfruit, Durian, Dragon fruit, Papaya, Pawpaw, Lychee etc.	Apply 1 month before flowering Repeat every 3-4 months	1kg or 1L/ha**	Apply at 80% flowering Repeat if wet conditions persist close to harvest	1L/ha
VINEYARDS: Wine grapes, Table grapes & Kiwifruit	Apply 1 month before flowering Repeat in wet conditions	1kg or 1L/ha**	Apply at 80% flowering Repeat before bunch closure (grapes) Repeat in wet conditions as needed	1L/ha
VEGETABLES				
BULB, ROOT AND TUBER VEGETABLES: Potato, Parsnip, Onion, Garlic, Ginger, Carrots, Beetroot & incl. Peanuts	Apply before or at planting Repeat every 2 months	1kg or 1L/ha**	i) Apply with first irrigation after planting via: Sprinklers In wet conditions via: ii) Spray	1kg or 1L/ha**
FRUITING VEGETABLES: Tomato, Caps, Chilli, Eggplants, Melons & Cucurbits	Apply at or after planting depending on the irrigation system	1kg or 1L/ha**	Apply at first flowering & repeat in wet and humid conditions	1L/ha
BRASSICA VEGETABLES	Apply at or after transplanting depending on the irrigation system Repeat every 4 weeks	1kg or 1L/ha**	Apply with first irrigation through sprinklers after transplanting Repeat 3-4 weeks later	1L/ha
ALL LEAFY VEGETABLES (incl. Brassica Leafy Vegetables)	Apply at or after planting Repeat 3-4 weeks later	1kg or 1L/ha**	i) Apply with first irrigation after sowing through sprinklers ii) Apply as a spray in wet conditions Repeat in wet conditions as needed	1kg or 1L/ha**
NUT TREE CROPS: Almonds, Walnuts, Pistachios, Macadamia, Pecan, etc.	Apply early October Repeat in February	1kg or 1L/ha**	Apply at 80% flowering Repeat in wet conditions close to harvest	1L/ha
OTHER				
ORNAMENTALS: Cut flowers & Tulips	At/or after planting through sprinklers Through drip system Repeat every 2 months	1kg or 1L/ha**	Apply as a spray onto plants every month & repeat in wet and humid conditions as needed	1L/ha
POTTING MIX & POST-EMERGENCE SEEDLING TREATMENTS	Add TRI-D25® powder to potting mix. 50-100g/cubic meter of potting mix. Use the Powder TRI-D25®	50-100g/cubic meter (m³) of potting mix	Drench all seedlings with the Liquid TRI-D25® at 2-3ml/1L of water prior to planting. Repeat as needed	2-3ml/1L of water
GREENHOUSE CROPS	Apply with first irrigation after transplanting Repeat every 21-30 days	150ml/400m²	Apply at first flowering as a spray Repeat every 3-4 wks In wet, hot and humid conditions Repeat every 2 wks	100ml/100L of water
CUTTINGS/GRAFTS	N/A	N/A	Spray directly onto cuttings & grafts to seal wounds before being placed in hot room	30-50ml/3-5L of water
** DEPENDING ON TYPE OF IRRIGATION SYSTEM				
GENERAL INSTRUCTIONS	<ul style="list-style-type: none"> It is recommended to only use TRI-D25® Powder in Sprinkler & Pivot irrigations at 1-2kg/ha Use TRI-D25® Liquid in drip & T-tape irrigation at 1L/ha DO NOT use TRI-D25® through drippers For optimal performance apply when temperatures exceed 18°C If irrigation not available: Spray on top of soil followed by a rain. Repeat in wet conditions TRI-D25® Liquid & Powder products DO NOT require activation if either is applied to soil 		<ul style="list-style-type: none"> Only use TRI-D25® Liquid for all Foliar applications at 1L/1000L water/ha when temperature is between 18-35°C Apply at 80% flowering & repeat close to harvest in case of rain or if wet conditions persist For optimal performance & efficacy: Activate by adding to clean water free from chlorine, for 3-4 hours prior to a foliar application When spraying TRI-D25® DO NOT use pressures greater than 80 PSI 	

For more information on application rates and timing relevant to your crop or circumstances please contact your local distributor or visit www.zadco.com.au

Disclaimer: Any rates of application and timing may vary and are subject to change according to crop variety, crop demand for nutrient/s, seasonal variations, and crop circumstance. Technical advice is provided to growers on the basis that the information supplied by the grower or agent is correct and that any technical support obtained from third parties (e.g. soil and leaf analysis results) is also correct at the time of preparation of the report. Zadco does not accept any liability whatsoever and howsoever arising from the use of the technical advice and the products used, should the information supplied to Zadco be incorrect or inaccurate. For warranty details, please refer to JH Biotech's warranty on the product label.

Compatibility

TRI-D25® is compatible with most fertiliser solutions and biological preparations. It is recommended to add fertiliser solutions or other biological preparations to water PRIOR to adding TRI-D25®, adding it to the mixture last, then inject or spray. Do NOT combine with fungicides, soil fumigants, aqueous Ammonia, Phosphoric acid, Chlorine, or Sulphuric acid.

Product Handling & Storage

TRI-D25® is stable under normal storage conditions. AVOID overheating or freezing, exposure to moisture, heat, and sunlight. Store in a cool, dry place. Do NOT store where temperature can exceed 30°C. TRI-D25® has a shelf life of 2 years if stored properly. Dispose of product/container in accordance with federal, state, and local regulations.

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