

dudutech 

Environmentally intelligent farming

TRICHOTECH® WP

TRICHOTECH® WP (L9078) is a biological solution for the control of soil pathogenic fungi and a boost to crop development.



**River
Bioscience**

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TRICHOTECH® WP (L9078) is a biological solution for the control of soil pathogenic fungi and a boost to crop development.

PRODUCT SPECS

Active Ingredient: *Trichoderma asperellum* H22

Ingredient Type: Antagonistic Fungi

PRODUCT USES

Soil pathogenic fungi: *Fusarium spp.* | *Pythium spp.* |
Rhizoctonia spp. | *Sclerotinia spp.*

Plant vigor: Solubilisation of nutrients

Crops: Vegetables & Flowers

TRICHOTECH® WP grows and establishes around the root zone, and promotes plant growth, nutrient solubilisation and the control of soil borne pathogens.

BIOLOGY

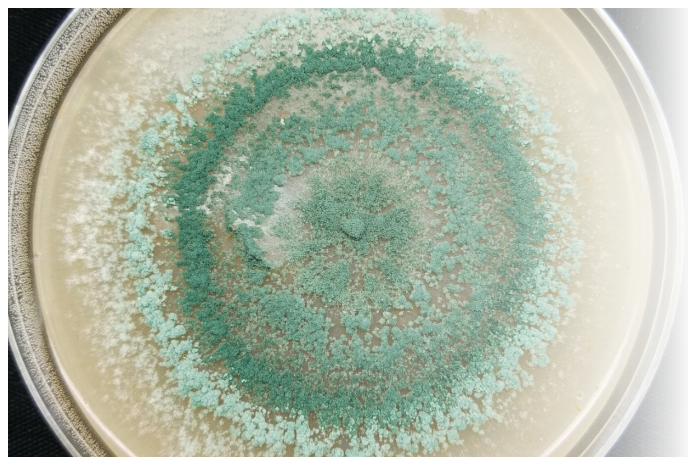
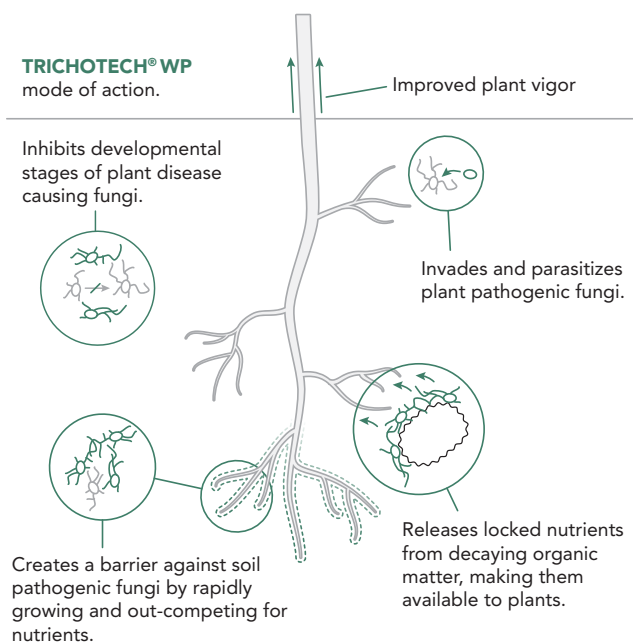
TRICHOTECH® WP contains spores of *Trichoderma asperellum* a soil dwelling fungi that is beneficial to plants. The fungus is antagonistic to soil pathogenic fungi; and has been used globally for control of soil borne fungal diseases caused by *Fusarium spp.*, *Pythium spp.*, *Sclerotinia spp.* and *Rhizoctonia spp.* In addition, the strain is known to increase plant vigour.

MODE OF ACTION

TRICHOTECH® WP mechanisms:

- Competition – TRICHOTECH® WP is a fast growing fungus that easily out-competes soil pathogens, promoting niche exclusion of potential harmful microbes, and providing a barrier to combat disease causing fungi.
- Antibiosis – TRICHOTECH® WP produces chemical metabolites, which inhibit various developmental stages of plant disease causing fungi.
- Mycoparasitism – TRICHOTECH® WP produces enzymes that enable the fungus to invade and parasitize plant pathogenic fungi.
- Growth promotion – TRICHOTECH® WP increases plant growth vigour by releasing locked nutrients from decaying organic matter; supplying nutrients to plant roots.

EFFECTS OF TRICHOTECH® WP



APPLICATION METHOD

Owing to its mode of action, TRICHOTECH® WP should be applied preventively – before diseases occur in the plants. The application recommendations vary depending on target crop and method of application.

TRICHOTECH® WP may be applied directly as a soil drench, through the drip irrigation system, or as a seed coating of plant material.

APPLICATION RATES

125g per hectare

Application should be tailored to the method used

IPM ADVICE

Before introducing TRICHOTECH® WP to your crop it is important that the plant is clean of negative chemical residues. Please consult your agent or a River Bioscience representative with regards to the Side Effect Guide for compatible chemicals.

STORAGE

Storage Temperature	6-12°C
Conditions	Dark & dry
Max Storage Duration	6 months from packaging date

Do not freeze. Store upright.

PACKAGING

Antagonistic Fungi as packed
Quantity: 4.0 x 10⁹ CFU per gram in an inert carrier
Pack Size: 125g

