

TRICHOTECH® WP

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

PRODUCT SPECS

Active Agent *Trichoderma asperellum* H22
Agent Type Antagonistic Fungi

PRODUCT USES

Plant vigor. Solubilisation of nutrients
Soil pathogenic fungi: *Fusarium spp.*
Pythium spp.
Rhizoctonia spp.
Sclerotinia spp.

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

BIOLOGY

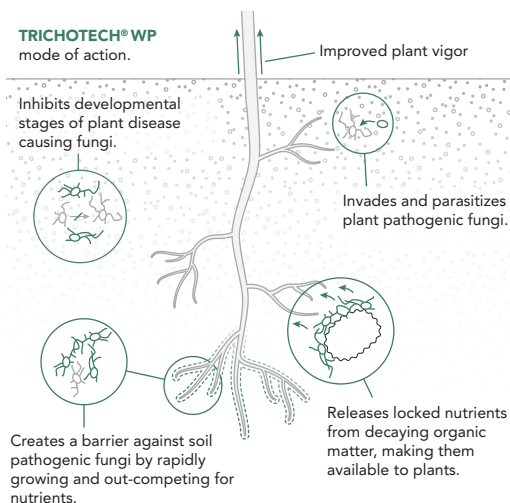
TRICHOTECH® WP contains spores of *Trichoderma asperellum* a soil dwelling fungi that is beneficial to plants. The fungus is antagonistic to soil pathogenic fungi; and has been used globally for control of soil borne fungal diseases caused by *Fusarium spp.*, *Pythium spp.*, *Rhizoctonia spp.* and *Sclerotinia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



INTRODUCTION METHOD

TRICHOTECH® WP should be applied preventively – before diseases occur in the plants. The application recommendations vary depending on target crop and method of application:

- › **Drip application** – Apply 125g/Ha of **TRICHOTECH® WP**. Add 125g of **TRICHOTECH® WP** into 5 litres of water and mix thoroughly. Add the suspension into a large fertigation tank and make up the volume to 1,500L. Apply the suspension through the fertigation drip system. Continuously agitate.
- › **Drench application** – Prepare a suspension of **TRICHOTECH® WP** at the rate of 125g/Ha in 5 litres of water and mix thoroughly. Add the mixture into a large drenching container and make up the volume of water to adequately cover the target area. Pour into a watering can or sprayer/applicator and apply evenly onto the target area. Irrigate after application.
- › **Dip application** – This is recommended as a pre-transplant application for rooted plantlets or cuttings. Prepare a paste of 125g/Ha **TRICHOTECH® WP** in 20L of water. Place rooted transplants/cuttings in a perforated crate and dip roots into the paste. Plant seedling as soon as they are dipped.

RATE SCHED.

	Dosage g/Ha	Interval (days)	Frequency	REI* & PHI**
Maintenance	125g	30	As needed	0
Light Curative	125g	14	x4	
Then revert to maintenance.				
Medium Curative	250g	14	x2	
Heavy Curative	Drench with BACTECH then revert to Maintenance regimen			

STORAGE

Storage temp.	8-12°C
Conditions	Dark and dry
Max storage time	6 months

Do not freeze. Store upright.

PACKAGING

Antagonistic Fungi as packed	
Quantity	Pack Size
4.0 x 10 ⁹ CFU per gram in	125g
an inert carrier	

IPM ADVICE

Before introducing **TRICHOTECH® WP** to your crop it is important that the plant is clean of negative chemical residues. Please consult the Dudutech SIDE EFFECT GUIDE on dudutech.com for compatible chemicals.



If there are any questions about the product, please contact a Dudutech specialist in your area.

TRICHOTECH® WP is a registered trademark of Dudutech Kenya.