

MYTECH® WP is a biological solution for control of plant parasitic nematodes.

MYTECH® WP is a naturally occurring nematode killing fungus used to control plant parasitic nematodes including root knot nematodes, cyst nematodes, root lesion nematodes, burrowing nematodes and reniform nematodes amongst others.

Product specification

MYTECH® WP contains *Paecilomyces lilacinus* strain F18 at a concentration of 1.0×10^{10} CFU per gram in an inert carrier.

Mode of action

MYTECH® WP parasitizes and subsequently kills eggs, juveniles and adult females of various plant parasitic nematodes.

- **Attachment:** Upon getting attached to the host, *P. lilacinus* forms a dense mass of mycelia that form conidiophores from which spores are formed in long chains.
- **Invasion:** Spores germinate and produce an appressorium with a penetration peg that enters the host (eggs or masses).
- **Proliferation:** The fungus produces hyphae inside the host's body and feeds on the internal contents.
- **Emergence:** Hyphae emerge from the egg and produce conidia which are released and continue the infection cycle.

Directions for use

MYTECH® WP is applied as a soil drench through the drip irrigation system or as a basal spray using spray equipment. Mix the required amount of **MYTECH® WP** with water using 0.5 litres for every 125 g product. Stir well to form a uniform suspension. Add the suspension to the required volume of water in the spray tank and mix well. Add an appropriate wetter at recommended rates and mix thoroughly (information on the appropriate wetter may be obtained from **DUDUTECH**). After mixing with water the product should be drenched/band applied as soon as possible and washed in with more volumes of water; **DO NOT** store overnight.



Rate and frequency of application

Frequency of application varies with the pest pressure and the crop. Generally it is recommended to apply **MYTECH® WP** 14 days just before planting followed by a second application 2 – 4 weeks after planting and a repeat every two weeks. It is recommended to apply **MYTECH® WP** at 125 g per hectare in 1,000 litres of water, drench a further 1,000 – 1,500 litres of water to ensure the conidia are washed down to the root zone.

MYTECH® WP application regime

PEST LEVELS	APPLICATION
Preventative/maintenance	Apply 125 g/ha monthly, or as needed.
Low	125 g/ha, 14 days apart; 4 applications then revert to maintenance regime.
Medium	125 g/ha, 14 days apart.
High	Drench another product with knock down effect then revert to 125 g/ha every 14 days.

Benefits of MYTECH® WP

- No resistance development.
- Self propagates in the field.
- Active against a number of plant parasitic nematodes.
- Improves plant health and vigour by breaking down organic matter.
- Can be applied at all stages of plant growth.
- Curative as well as protectant activity.
- Inhibits formation of giant cells in host plants.
- No residues on crops, no re-entry period and no post harvest interval.
- No phytotoxicity.
- High percent kill of eggs and females of plant parasitic nematodes.
- Safe to the environment, users and beneficial organisms.
- Good synergy with other soil beneficial organisms such as **TRICHOTECH® WP**.
- Fits in with the conventional chemical and irrigation application techniques and does not require special equipment.



Storage conditions and shelf-life

- Store **MYTECH® WP** in a cool, dry place in a tightly closed original pack.
- Do not freeze and do not allow the product to undergo thermal shock.
- May be stored in original un-opened container for six months at room temperature.

Dudutech

Kingfisher Farm,
Moi South Lake Road
P. O. Box 1927 - 20117,
Naivasha, Kenya.

M +254 704 491 120
T +254 50 20 20 859
E info@dudutech.com
www.dudutech.com

