

TRICHO-XP™

Trichoderma viride



Tricho-XP™ is a bio-pesticide. Active ingredient is a naturally occurring fungi, *Trichoderma viride* - a fungus for control of soil-borne diseases.

Tricho-XP™ is very effective against soil - borne diseases like root rot, Rhizome rot, collar rot, stem rot, damping off, wilt, etc.,

Mode of action

Once *Trichoderma viride* conidia come in contact with the target host the germs tube grow tropically towards hyphae of other fungi, coil around them in a lectin-mediated reaction, degrading the cell wall of the target fungus and feeding from their nutrients. Production of extra cellular enzymes, including β -1, 3-glucanase, chitinase and cellulose, disrupt the mycelium of the pathogen. Several antifungal metabolites are produced which limit the growth of phytopathogenic fungi.

CROPS

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| Fruit crops | : Grapes, Guava, Sapota, Citrus, Mango, Pomegranate, Custard Apple, Banana, Apple, Coconut etc. |
| Field crops | : Cotton, Paddy, Sorghum, Sunflower, Groundnut, Potato, Mustard, Cumin etc. |
| Vegetables crops | : Tomato, Chilly, Brinjal, Onion, Lady's finger etc. |
| Plantation crops | : Cardamom, Tea, Coffee, Floriculture, Home gardening, Medicinal, etc. |



EXCEL INDUSTRIES LTD.

TRICHO-XP™

Trichoderma viride



Method of Application

Seed treatment - To prevent seed borne diseases, use 5-10gm of Tricho-XP™ per kg of seed. Add to it small quantity of water to make slurry for seed coating just before planting.

Nursery application - To prevent seedling rot and damping off diseases, use 500gm of Tricho-XP™ mixed with 50kg of Celrich™ or any stabilized organic manure and then apply the mixture in nursery beds for raising nursery for one acre crop. Drench the nursery beds with Tricho-XP™ @ 5gm per liter of water.

Soil treatment & Standing crops - To control soil-borne fungal diseases, use 1-2kg of Tricho-XP™ with 100kg of Celrich™ or any stabilized organic manure and then apply the mixture in the furrows or by broadcasting in one acre crop.

Cutting and seedling treatment - Prepare slurry by using 250gm Tricho-XP™ in 10liter of water and then dip cutting, seedlings, sugarcane sets, rhizomes such as Potato, Ginger, and Turmeric for about 10minutes just before planting.

Compatibility

Tricho-XP™ can be used with well-matured organic manure such as Celrich™.

Tricho-XP™ can be tank mixed with conventional insecticides and other biopesticides. It should not be used along with chemical fungicides.

It is an eco-friendly product - hence safer to the user and also to the crops.

Dosage

2.5g per liter or 500 - 750gm in 200-300liters of water per acre spray

Storage

Keep in dry and cool place. Do not expose to direct sunlight or heat

Packing

Tricho-XP™ is available in 1kg and 250gms E-fluted Carton pack to ensure better product quality and shelf life

Shelf life

One year from the date of manufacture



ICMR CONTROL PRIVATE LIMITED

Manufactured by



RomVijay Bioo Tech Pvt. Ltd

Karriakol,
Pondicherry - 607402



Indian Society For Certification
of organic products

Marketed by



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