

BIOLOGICAL DISEASE MANAGEMENT

The deleterious effects of fungicides on soil microbes, deterioration of ecosystem, development of fungicide resistant strains, high cost and demand for residual free crops, vegetables & fruits necessiated us to develop biological agents to control diseases. Trichoderma, a fungus, a filamentous deuteromycete of late, has gained considerable recognition as potential bio control agent. They are the most promising antagonists against a wide range of plant pathogenic fungi which attack several economically important plant species.



BIO-CURE - F (Trichoderma sp-Antagonistic Fungi)

Bio-Cure-F is a tale based product containing the colony forming units (2×10^8) of Trichoderma viride, T. harzianum and T.hamatum.

MODE OF ACTION

Trichoderma is a beneficial fungus that secretes cellulase & chitinase enzymes which react with the cell wall of the disease causing fungi & dissolve it. This causes the protoplasm to flow out, which the Trichoderma utilizes as a source of food & multiplies its spores, thus destroying the pathogenic fungi. Moreover, the secretion Trichodermin from the mycelia of Trichoderma is antagonistic to most parasitic microorganisms, rendering them inactive and, in most cases destroying them.



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