



Trichoderma, a beneficial fungus

(Talc formulation)



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Trichoderma is a beneficial fungus that is generally used for promoting plant growth, providing protection against biotic stresses and enhancing availability of nutrients. It produces hormones, enzymes etc. which promotes the plant growth. It also inhibits the growth of certain types of plant pathogenic fungi.

Target disease

Used for managing foot rot disease of black pepper, damping off disease in cardamom, stem bleeding of coconut, rhizome rot of ginger & turmeric and root rot diseases of vegetables.

Method of Application

Mix 1 to 2 kg of *Trichoderma* talc formulation with 90 kg shade dried farm yard manure (FYM) and 10 kg neem cake. Moisten the mixture by sprinkling water and incubate under shade. For this the mixture can be spread up to 1 feet height and covered with a wet jute cloth or newspaper sheets or polythene sheets with holes. After one week, mix the mixture to ensure uniform growth of the fungus. The mixture is ready for use after 14 days of incubation and can be applied directly at the base of the plant. About 3-5 kg of fortified mixture is required for a fully grown black pepper plant. It can be applied twice in a year, during May-June and September-October.



Points to remember

- It should not be used in flooded or dry soil.
- It should not be mixed with wood ash and lime.
- The chemical fertilizers or pesticides can be applied 14 days after *Trichoderma* application.
- It must be used before the expiry date.





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