

NICODERMA

Trichoderma viride 1% w.p.

Trichoderma viride 1% WP (2×10^6 cfu/gm. Minimum) (Mother culture: Tamil Nadu Agricultural University, Coimbatore) Talcum based formulation.

Trichoderma viride is an antagonistic fungal organism present in the soil and is highly effective for the control of seed and soil borne diseases of majority of economically important crops, especially pulses and oil seeds.

This bio control agent when applied along with seed, colonizes the seed and multiplies on the surface of the seed. It kills not only the pathogens present on the surface of the seed but also gives protection against soil borne pathogens until life time of crop by action of mycoparasitism and antibiosis.

Seed treatment with *Trichoderma viride* has registered higher germination in a number of studies and was at par with “Captan”.

It is effective for control of soil borne diseases caused by *Rhizoctonia solani*, *Macrophomina phaseolina* and *Fusarium spp*; makes a very important weapon against diseases such as root rot, seedling diseases, charcoal rot, wilt, damping- off, collar rot, etc.

The potential of *Trichoderma viride* in managing soil borne pathogens has been demonstrated in many crop diseases like seedling disease of cotton (Ramakrishna and Jeyarajan, 1986; Aagarsamy et al., 1987a and b) root rot of soyabean (Jharia and Khare-1986), root rot of Cowpea (Alagarasami Shivaprakasam. 1988), charcoal rot of sorghum (Sekhar and Anilosur, 1986) and root rot of mung bean caused by *Macrophomina phaseolina* (Samiyyapan et. al, 1987).

Dosages & uses:

4 kg /ha preferably mixed with 25 kg of ORGO blended organic fertiliser/FYM and broadcasted on soil.

Appearance & Packing

White to off-white fine powder packed in 250gm, 500gm and 1Kg LDPE bag.