

Efficacy of biocontrol agents and organic amendments against root rot disease in blackgram

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ARTICLE INFO

Received : 25.01.2016

Accepted : 20.03.2016

KEY WORDS :

Trichoderma viride, *Macrophomina phaseolina*, Organic amendments

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ABSTRACT

Trichoderma viride, the plant growth promoting fungi and increasing the soil fertility significantly controlled root rot disease caused by *Macrophomina phaseolina*. Use of *Trichoderma viride* along with neem cake produced the higher germination percentage and shoot length, respectively as compared to their separate use. Soil amendment with neem cake and seed treatment with TNAU isolate of *T. viride* significantly reduced the per cent disease incidence. Among the treatments, pots received with antagonist and organic amendments recorded lesser disease incidence than control.

How to view point the article : Tetali, Sowmya, Lakshmanan, P. and Chandra, P. Bharat (2016). Efficacy of biocontrol agents and organic amendments against root rot disease in blackgram. *Internat. J. Plant Protec.*, 9(1) : 279-282.