

Efficacy of bioagents and plant extract against *Alternaria porri* causing purple blotch of onion

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ABSTRACT

The bioagent *T.harzarium* was found most effective in controlling the pathogen. Lowest disease severity (37.67%) was recorded in the spray treatment of *T.harzarium*. It was followed by *T. viride* and *P. fluorescens*, *B. subtilis*. Among the plant extract 5 per cent neem seed kernel extract gave maximum control of pathogen i.e. 44.24 per cent over control, followed by *Mentha arvensis*, *Allium sativum*, *Zingiber officinale*, *Vitex negundo*. The fungicide Mancozeb was at par with extract of NSK and *Mentha arvensis*.

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