

Evaluation of entomopathogenic fungi against onion thrips, *Thrips tabaci* (Lindeman)

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ABSTRACT

Different entomopathogenic fungi were evaluated in field trials at the instructional farm of Agril. Entomology Section, College of Agriculture, Dhule for the management of Onion thrips (*Thrips tabaci* L.) in onion during late *Kharif* season of 2014-15. All the treatments were observed to be effective in reducing thrips infestation on onion crop. Among the evaluated insecticide and biopesticides the treatment with profenophos 50 EC was recorded significantly lowest thrips population and was at par with *Metarhizium anisopliae* 7.5 g. The next best treatments in order of their efficacy was *Verticillium lecanii* 7.5 g, *Metarhizium anisopliae* 5 g, *Metarhizium anisopliae* 2.5 g and *Verticillium lecanii* 5 g, respectively. This was followed by *Verticillium lecanii* 2.5 g, *Beauveria Bassiana* 7.5 g, *Beauveria bassiana* 5 g and *Beauveria Bassiana* 2.5 g and were found effective to control onion thrips.

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