

IN-VITRO EVALUATION OF VARIOUS FUNGICIDES, PLANT EXTRACTS AND BIO CONTROL AGENTS AGAINST ROOT ROT OF AJWAIN

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Abstract: An incubation study was conducted at Department of Plant pathology, Rajasthan College of Agriculture, Udaipur to evaluation of different fungicides, plant extracts and bio-agents against ajwain (*Trachyspermum ammi* L.) root rot caused by *Rhizoctonia solani* and results revealed that treatment comprising of fungicide Bavistin, Plant extracts Neem oil and bio control agent *Trichoderma viride* at 7 days of incubation at 28±1⁰C was found significantly superior over control and gave maximum percent growth inhibition of *R. solani*.

Keywords: Ajwain, *R. solani* fungicide, Plant extracts, Bio-agents

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