

RESEARCH ARTICLE

The efficacy of bio consortium of against *S. rolfisii* under *in vitro* conditions disease of chickpea

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SUMMARY

A experiment was conducted in 2019-20 *Rabi* cropping season to obtain information on the incidence of chickpea diseases. The investigation was entitled the efficacy of bio consortium of against *S. rolfisii* under *in vitro* conditions disease of chickpea was conducted, Department of Plant pathology JNKVV. The experiment was laid out in Completely Randomized Design (CRD) concept comprising nine treatment combinations with three replications in vitro condition Dual culture technique was employed to test the efficacy of various bio consortiums. The maximum growth inhibition of *Sclerotium rolfisii* was recorded with *T. viride* + *T. harzianum* + *P. fluorescens* (65.74%). It is also found that treatment *T. viride* + *T. harzianum* + *P. fluorescens* are more efficient than other treatments according to the germination percentage, pre-emergence mortality, post-emergence mortality, phenotypic parameter and disease incidence.

Key Words : Bio consortium, *S. rolfisii* under *in vitro* conditions

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