
Comparative Efficacy of Fungicides and Antagonists against Fusarium Wilt of Chickpea

P. P. Jambhulkar, S. Ramesh Babu and G. S. Ameta

Agriculture Research Station (MPUAT, Udaipur), Borwat Farm, Banswara 327 001 Rajasthan E-mail: prashant_pj@rediffmail.com

Abstract

Fusarium wilt of chickpea is an important fungal disease known to cause heavy yield losses in southern Rajasthan. Field trials were conducted during 2007-08 and 2008-09 to study the comparative efficacy of fungicides and biocontrol agent against *Fusarium oxysporum f.sp. ciceris* cause of chickpea wilt. Seed treatment with bioformulation of *Trichoderma viridae* reduced disease incidence from 56-61%. Seed treatment with carbendazim was at par with *T. viridae* in reducing disease incidence. Seed treatment with *T. viridae* also increased the yield up to 57% as compared to control.

Key words: antagonist, chickpea, disease incidence, fungicides, *Trichoderma viridae*, wilt

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