

RESEARCH ARTICLE

# *In vitro* and *in vivo* efficacy of fungicides against *Pyricularia grisea* causing finger millet blast disease

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## ABSTRACT

*In vitro* all the fungicides were effective in checking the growth and sporulation of *Pyricularia grisea*. Complete inhibition of mycelial growth was given by Tricyclazole followed by Ediphenphos and Mancozeb 65 per cent WP+Carbendazim12 per cent WP (Saff). *In vivo*, Ediphenphos and Tricyclazole were found effective in controlling leaf, neck and finger blast. Grain yield and cost benefit ratio were significantly higher in Ediphenphos followed by Tricyclazole, Kitazin and Mancozeb 65 per cent WP + Carbendazim12 per cent WP in *Kharif* 2009-10 and 2010-11.

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