

RESEARCH ARTICLE

Efficacy of various fungicides on the management of rice blast disease caused by *Pyricularia oryzae* (Cav.) under field condition in Dharwad district of Karnataka

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SUMMARY

Rice blast caused by *Pyricularia oryzae*, Cav. (synonym *Pyricularia grisea* Sacc. The anamorph of *Magnaporthe grisea*), is one of the most destructive and wide spread diseases. The results of present study revealed that, after 14 days of second spray, least PDI of 12.95 and 13.23 was noticed in Picoxystrobin 22.52% w/w SC@ 1200 ml/ha and 750 ml/ha, respectively followed by Picoxystrobin 22.52% w/w SC @ 600 ml/ha with a PDI of 13.43 where as Picoxystrobin 7% + Propiconazole 12% SC 600 ml/ha recorded the PDI of 16.56 and Tricyclazole 75% WP @ 400 g/ha recorded the PDI of 16.89 when compared to maximum PDI of 41.55 in untreated control.

Key Words : Blast, *Pyricularia oryzae*, fungicide, Management

How to cite this article : Balol, Gurupada, Talekar, S.C. and Satish, R.G. (2022). Efficacy of various fungicides on the management of rice blast disease caused by *Pyricularia oryzae* (Cav.) under field condition in Dharwad district of Karnataka. *Internat. J. Plant Sci.*, **17** (2): 214-217, DOI: 10.15740/HAS/IJPS/17.2/214-217, Copyright@ 2022:Hind Agri-Horticultural Society.

Article chronicle : Received : 05.05.2022; Revised : 15.05.2022; Accepted : 18.06.2022

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