

## **Application of novel fungicide compounds to control the finger millet blast caused by *Pyricularia grisea***

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### **ABSTRACT**

The field experiment was conducted at Agricultural Research Station, Vizianagaram against finger millet blast caused by *Pyricularia grisea* using different fungicides. The per cent disease intensity of leaf blast ranged from 2.0 to 4.7%, neck blast ranged from 9.3 to 83.7% and finger blast ranged from 10.7 to 85.7%. Among all the treatments, T6 (propiconazole) was proved to be best with least incidence of leaf blast (2.0%), neck blast (9.3%) and finger blast (10.7%) and also recorded highest grain yield (1543.3 kg/ha) and fodder yield (4133.7 kg/ha). Treatments, Tebuconazole+ Trifloxystrobin, Tricyclazole, Tricyclazole+ Mancozeb, Isoprothiolane, Azoxystrobin + Difenconazole, Carbendazim + Mancozeb and Carbendazim were also found superior over control in controlling finger millet blast.

**Keywords:** *Blast, Finger millet, New fungicides and Propiconazole.*