

# **Efficacy of Fipronil 80 WDG Against Yellow stem borer, *Scirpophaga incertulas* (Walker) and Leaf folder, *Cnaphalocrocis medinalis* (Guenne) in Rice**

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## **ABSTRACT**

Field trials were conducted to evaluate the efficacy of fipronil 80 WDG at different doses against yellow stem borer, *Scirpophaga incertulas* (Walker) and leaf folder, *Cnaphalocrocis medinalis* (Guenne) in rice during *kharif* 2004 and 2005 at Warangal, Andhra Pradesh, India. Three doses of fipronil 80 WDG @ 30, 40, 50 g *a.i.* ha<sup>-1</sup>, fipronil 5 SC @ 50 g *a.i.* ha<sup>-1</sup>, monocrotophos 36 SL @ 450 g *a.i.* ha<sup>-1</sup>, chlorpyrifos 20 EC @ 300 g *a.i.* ha<sup>-1</sup> were included as insecticide treatments along with an untreated control. Fipronil 80 WDG @ 40 g *a.i.* ha<sup>-1</sup> was effective against stem borer and leaf folder in rice with 15.36% increase in yield over untreated control. Fipronil 80 WDG @ 30 g *a.i.* ha<sup>-1</sup>, monocrotophos, fipronil 5 SC were equally effective against stem borer while fipronil 80 WDG at all the three doses and fipronil 5 SC were equally effective against leaf folder.

**Key words :** Efficacy, Fipronil, Leaf folder, Rice, Stem borer.