

Evaluation of phenyl pyrazole for the management of yellow stem borer *Scirpophaga incertulas* Walker in rice

■ PAIDI SATYANARAYANA, M. RAGHURAMAN* AND SANTESHWARI

Department of Entomology and Agricultural Zoology, Institute of Agricultural Sciences, Banaras Hindu University, VARANASI (U.P.) INDIA

ARTICLE INFO

Received : 22.05.2014
Revised : 03.08.2014
Accepted : 18.08.2014

KEY WORDS :

Fipronil, Phenyl pyrazole, Yellow stem borer, *Scirpophaga incertulas*

*Corresponding author:

Email: raghu_iari@yahoo.com

ABSTRACT

Field experiment was conducted at Banaras Hindu University research farm, Varanasi, on hybrid rice variety PHB 71 during *Kharif* season of 2012 to study impact of granular formulation of phenyl pyrazole on rice yellow stem borer, *Scirpophaga incertulas* (Walker). Results revealed that in terms of efficacy against stem borer, overall performance of various spraying insecticidal treatments based on the mean indicated that treatment with Fipronil 0.6 per cent GR @ 60g a.i./ha was the most effective and significantly superior over all other treatments in reducing the dead hearts to minimum level of 3.40 per cent. Fipronil 0.6 per cent GR @ 50g a.i./ha stood second in order of effectiveness which recorded 4.45 per cent dead hearts. The Carbofuran 3 GR @ 750g a.i./ha. proved least effective in which higher per cent of dead hearts of 5.08 were observed. The untreated control recorded 6.88 per cent dead hearts.

How to view point the article : Satyanarayana, Paidi, Raghuraman, M. and Santeshwari (2014). Evaluation of phenyl pyrazole for the management of yellow stem borer *Scirpophaga incertulas* Walker, in rice. *Internat. J. Plant Protec.*, 7(2) : 360-363.
