

Evaluation of IPM modules against pink stem borer *sesamia inferens* in rice fallow maize

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ABSTRACT

On-Farm trials on the field efficacy of egg parasitoid *Trichogramma chilonis* and Integrated Pest Management modules against pink stem borer *Sesamia inferens* were conducted in rice fallow maize fields of Guntur district during *rabi* from the year 2009 – 2013. Egg parasitoid *Trichogramma chilonis* alone could reduce the per cent dead hearts from 17.25 in control to 7.25 in the egg parasitoid release plots. As a result of adoption of IPM practices lower per cent deadhearts of 2.5 was recorded in IPM plots against 4.5 in farmers method which ultimately lead to low cost of plant protection, higher net income in IPM plots with high ICBR of 11.94 against 2.55 in farmers method was recorded

Keywords: *Dead heart, Egg parasitoid Trichogramma chilonis, Incremental cost benefit ratio ICBR and Pink stem borer Sesamia inferens*