

Bio-efficacy of different insecticides against stem borer, *Scirpophaga incertulas* (Walker) on Chandrahasini rice

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ABSTRACT : Bio-efficacy of different selected insecticide formulations was studied in the field of paddy cultivar *Chandrahasini* during *kharif* crop seasons of 2014 at S.K. College of Agriculture and Research Station, Kawardha, Chhattisgarh, India against stem borer, *Scirpophaga incertulas* (Walker) population. Experiment was done following complete randomized block design and had three replications. All the treatments were significantly effective in checking stem borer infestation causing the decrease of both dead heart (DH) and white head (WH) number. Numerically, least damage was noted for chlorantraniliprole 18.5%SC. This was followed by Flubendiamide 480SC, Fipronil 0.3%G and Cartap hydrochloride 4G against *Scirpophaga incertulas* in transplanted rice.

Key Words: Bio-efficacy, stem borer, *Scirpophaga incertulas*, insecticide, rice.