TRIFLUMEZOPYRIM (DPX-RAB55) : A NOVEL PROMISING INSECTICIDE FOR THE MANAGEMENT OF PLANT HOPPERS IN PADDY

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ABSTRACT: A novel insecticide triflumezopyrim (DPX-RAB55) was tested for its bio-efficacy at different dosages against plant hoppers viz., Brown plant hoppers (Nilaparvata lugens (Stal)) and white backed plant hoppers (Sogatella furcifera Horvath) in Paddy along with recommended insecticides. A field experiment was conducted at the Agricultural research station, Gangavathi, Karnataka, India during kharif 2013 and 2014. Among the different chemicals tested, triflumezopyrim @ 25 and 35 g. a.i/ha found to be effective in reducing the plant hopper population and also for realizing higher grain yield.

Key words: Insecticides, Triflumezopyrim, BPH and WBPH.