

# **Toxicity of Certain Novel Insecticides Against Chilli Thrips, *Scirtothrips dorsalis* (Hood) in Andhra Pradesh**

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## **ABSTRACT**

Novel insecticides with different modes of action was evaluated for their efficacy against chilli thrips, *S.dorsalis*. Based on LC<sub>50</sub> values the order of efficacy was spinosad > pymetrozine > diafenthiuron > imidacloprid > fipronil > clothianidin > vertimec > indoxacarb > chlorfenapyr > flubendiamide > emamectin benzoate. Spinosad, pymetrozine, diafenthiuron, imidacloprid and fipronil were highly effective and proved very successful in suppression of resistance.

**Key words :** Novel insecticides, Resistance management, Toxicity.