

Comparative efficacy of selected insecticides against Jassids on Brinjal

M Anuradha and P Arjuna Rao

Department of Entomology, Agricultural College, Bapatla - 522 101, Andhra Pradesh.

ABSTRACT

Novel insecticides like Dimilin, Bactospeine and Repelin were used alone at the recommended concentrations and at half the dose in combination with conventionals like fenproparthrin, monocrotophos and carbaryl against jassids on brinjal. During the crop period three sprays were given and observations recorded at 1, 5, 10 and 14 days after spraying. Among all the 16 treatments tested, conventionals alone brought down the populations drastically at one day after spraying, among which fenproparthrin was the best. Combinations proved effective than conventionals alone from five days after spray and among them diflubenzuron + fenproparthrin, diflubenzuron + monocrotophos, bactospeine + fenproparthrin, bactospeine + monocrotophos were the most effective.

Key words : Combinations, Conventionals, Efficacy, Mean population reduction, Novel insecticides.