Bio-Efficacy of confidor 200 SL (IMIDACLOPRID) against sucking pests on groundnut

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The field experiment on bio-efficacy of confidor 200 SL against sucking pests on groundnut were conducted at Oilseeds Research Station, Jalgaon during kharif 2000 and 2001. Three levels of doses of confidor 200 SL @ 100 ml, 125 ml and 150 ml per hectare in comparison with conventional insecticides, dimethoate and acephate were evaluated for their relative merits at 3, 7 and 14 days after spraying. All the dose of confidor 200 SL tested under field conditions were found to be significantly effective in reducing the nymphal population of thrips species and leaf hopper at 3 days after spraying recording 70-90% reduction in comparison with conventional insecticides, acephate and dimethoate. The infestation level of LH was not desirable at 7th, 14th days after spraying.

It appeared that the molecule confidor 200 SL gave significant protection and proved efficient against the sucking pests, thrips and LH on groundnut during kharif season under Jalgaon conditions.

Key words : Confidor, Imidacloprid, Sucking pest.