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Efficacy of bio-rational insecticides for the management of sword lily thrips

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Abstract

Some commonly used bio-rational insecticides were evaluated against the sword lily thrips. Seven treatment schedules were evaluated comprising two spray applications at an interval of 15 days. The treatment schedule comprising two applications of acetamiprid 20 SP (0.02%) was most effective in reducing the population of thrips with 47.22 and 61.60 per cent population reduction 1 and 3 days after spray, respectively whereas, seven days after spray, treatment schedule neem oil (1%) followed by emamectin benzoate 5G (0.02%) was most effective in reducing the population of thrips (53.49%). The treatment schedules comprising two applications of neem oil was least effective with 28.20, 50.99 and 47.31 per cent population reduction at 1, 3 and 7 days after spray, respectively.

Keywords

Bio-rational, management, sword lily, thrips.

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