

Impact of integrated pest management practices for the management of budworm in jasmine through Front line demonstration in Nellore district of Andhra Pradesh

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ABSTRACT

Front line demonstration was conducted on Integrated pest management practices for budworm management in Jasmine, ornamental crop for three years at farmer's field of Nellore district. The pest incidence was recorded after application of IPM practices in demonstration field's. The mean damage of budworm for three years was recorded 17.65% in demonstrated fields and higher incidence of budworm was recorded in farmers practice (37.24%). The IPM practices like spraying of NSKE 5% after proper pruning (Jan), spraying with *Bacillus thuringiensis* 2g/l at 7 days after first spraying, installation of pheromone traps 5 No./acre, light trap 1 No./acre and spraying of Spinosad 0.3 ml or Thiacloprid 1 ml or Profeinophos 2 ml per liter of water were found effective in controlling the budworm incidence in demonstration field over farmer's field.

Key words: *Budworm management, Front line demonstration, IPM practices and Jasmine*