

Efficacy of Certain Insecticides and Fungicides Alone and in Combination Against *Spodoptera litura* (Fab.) by Topical Application Method

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ABSTRACT

Studies on the efficacy of certain insecticides *viz.*, emamectin benzoate 5 SG @ 0.5 g/l, chlorfenapyr 10 SC @ 1.5 ml/l, indoxacarb 14.5 SC @ 1.0 ml/l, flubendiamide 480 SC @ 0.3 ml/l, spinosad 45 SC @ 0.3 ml/l and certain fungicides *viz.*, carbendazim 50 WP @ 1.0 g/l, chlorothalonil 50 WP @ 2.0 g/l, hexaconazole 10 SC @ 2.0 ml/l alone and in combination against *Spodoptera litura* were conducted under laboratory conditions. Emamectin benzoate, chlorfenapyr alone and in combination with all the three fungicides *viz.*, carbendazim, chlorothalonil and hexaconazole was found to be superior which caused cent mortality of third instar larvae of *S. litura* at 72 HAT by topical application method.

Key words : Insecticides, Fungicides, *S. litura*.