

EFFECT OF CERTAIN BOTANICALS AND INDIGENOUS PRODUCTS IN THE MANAGEMENT OF *SPODOPTERA LITURA*

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ABSTRACT: Botanical pest control is a distinct possibility in a tropical country like ours where we are endowed with biodiversity of such plants. In such circumstances, the present investigation has been taken to evaluate the effect of certain botanicals and indigenous products in the management of *Spodoptera litura* and to record the vital data of this pest in Allahabad conditions. Poisoned food technique was applied mortality of different larval instars were recorded at 12, 24 and 36 hours after treatment. The per cent net mortality of *Spodoptera litura* was significantly more by DDVP (10.05%) followed by Achook (0.000375%), Neem leaf extracts (10%) The result obtained from the study possibility of replacing chemical pesticides with botanicals and indigenous products for the management of *Spodoptera litura* in local conditions.

Key Words: *Spodoptera litura*, Achook, mortality, ginger and DDVP.