

EFFICACY OF SOME SELECTED INSECTICIDES AGAINST
DIAMONDBACK MOTH, *Plutella xylostella* ON CABBAGE

BY

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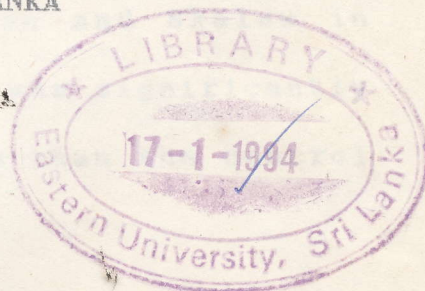


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ABSTRACT

Five insecticides [Trebon, Tameron (Methamidophos), Ekalux (Quinolphos), Selecron (Profenofas), and Carbofuran (Furadan)] and one botanical insecticide (Neem seed water extract) were evaluated against diamondback moth (DBM) larvae, *Plutella xylostella* in the Eastern University farm.

Findings from this study showed that all the insecticides have significantly ($P < 0.0001$) reduced the population of DBM over control. However, within insecticides Carbofuran did not perform very well under this condition. There was no significant ($P < 0.0001$) difference among Neem seed water extract, Trebon, Selecron and Ekalux in controlling DBM. The yield of cabbage was significantly ($P < 0.0003$) higher in the treated plots than the control plots.

Neem seed water extract could be recommended as a suitable botanical insecticide to control DBM in the Eastern region of Sri Lanka. Among the pesticides Trebon, Selecron and Ekalux are found suitable to control DBM.