

EFFECT OF *LANTANA CAMERA* AND *OCIMUM SANCTUM* EXTRACTS ON THE FECUNDITY OF MUSTARD APHID, *LIPAPHIS ERYSIMI* (KALT.)

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Abstract: Naturally occurring compounds extracted from the plants have been identified to possess strong feeding deterrence to a number of insects. *Lantana Camera* and *Ocimum sanctum* extracts were also found priming against several pests. The present investigation has been done on the effect of *Lantana* and *Ocimum* extracts against the fecundity of mustard aphid, *Lipaphis erysimi* (Kalt.). The results revealed that both the plant extracts gave better results in comparison of control treatment. Therefore, use of both plant extracts can be incorporated in integrated pest management (IPM) in reducing the reproduction rate of aphids in mustard ecosystem.

Keywords: *Lantana*, *Ocimum*, Mustard aphid, Fecundity, Plant extract

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