



RESEARCH PAPER

A study of life cycle of vegetable pests in Ranchi

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Abstract : The study is done to investigate the different pests found in the vegetables in Ranchi. The pests who damage these vegetables are *Plutella xylostella* (cauliflower pest), *Earias vittella* (Okra Pest), *Etiella zinckenella* (pea pod borer) and *Thysanoplusia orichalcea* (coriander leaf pest). The pests' life cycle was studied in detail by culturing the insect in the laboratory. Pest problem is one of the major constraints for getting good yield in the agricultural crops. India also suffers a huge loss in crop yield due to pests and diseases each year. The study of life cycle of the pests show that the insects undergo metamorphosis and the larval stage is the damaging phase of the life cycle. The use of pesticides to kill the pests causes environmental pollution which has become an increasing problem.

Key Words : *Plutella xylostella*, Okra, Metamorphosis, *Thysanoplusia orichalcea*, *Earias vittella*, *Etiella zinckenella*

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