

**EFFICACY OF SELECTED INSECTICIDE AGAINST
APHID (*Myzus persicae*) ON LONG BEAN (*Vigna sesquipedalis*)**

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DECLARATION

This Final Year Project is a partial fulfilment of the requirements for a degree of Bachelor of Science (Hons.) Plantation Technology and Management, Faculty of Plantation and Agrotechnology, Universiti Teknologi MARA.

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I hereby declare that I have checked this project and in my opinion, this project is adequate in terms of scope and quality for the award of the degree of Bachelor of Science (Hons.) Plantation Technology and Management, Faculty of Plantation and Agrotechnology, Universiti Teknologi MARA.

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ABSTRACT

A field experiment was conducted at the share farm of Universiti Teknologi MARA Jasin, Melaka, Malaysia during January to April 2015 to know the efficacy of selected insecticide and determine the insecticide that reduce quickly the number of aphid (*Myzus persicae*) population on long bean (*Vigna sesquipedalis*). Observation on number of aphid were taken on one day before treatment, one day, 3 days, 7 days and 14 days after treatment sprayed. Insecticide of Confidor showed significantly to reduce quickly on number of aphid population as compared to insecticide of Mospilan on long bean. The resulted of experiment was showed Confidor treated plant more efficacy of selected insecticide against aphid on long bean rather than Mospilan treated plant.