

**APPLICATION AND TYPES OF BIOLOGICAL CONTROL IN OIL PALM
PLANTATION – A SURVEY STUDY AMONG SMALLHOLDERS IN
MERLIMAU & JASIN, MALACCA**

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**Final Year Project Report Submitted in
Partial Fulfilment of the Requirements for the
Bachelor of Science (Hons.) Plantation Technology and Management
in the Faculty of Plantation and Agrotechnology
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DECLARATION

This Final Year Project is a partial fulfilment of the requirements for 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

APPLICATION AND TYPES OF BIOLOGICAL CONTROL IN OIL PALM PLANTATION AMONG SMALLHOLDERS - A SURVEY AMONG SMALLHOLDERS IN MERLIMAU & JASIN, MALACCA

Nowadays, most of smallholder only care about to control the damage of oil palm without realizing the effect on environment and disruption ecosystem. A study was conducted on 52 smallholders in Merlimau & Jasin, Malacca to determine the application and types of biological control in oil palm plantation. Data was collected using random sampling method in order to distributed questionnaires to the smallholders. It is found that majority of the smallholders apply biological control in their oil palm management represent 76.9% while 23.1% not apply the biological control. However, due to the implementation of biological control, this survey also had been identified the types of biological control that give much advantageous. Types of biological control smallholders use are *tyto alba*, snake, *tricoderma* and beneficial plant.

Keywords: application and types of biological control, oil palm plantation