POPULATION OF BROWN PLANTHOPPER (*Nilaparvata lugens*) IN PADDY FIELD AT KAMPUNG DAHLIA BACHOK, KELANTAN.

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

This Final 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 Tecknologi 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, Unviversiti Teknologi MARA.

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SITI MUSLIHA BINTI ISMAIL

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Abstract

The brown plant hopper (BPH) is a serious rice pest in Asia and one of the insect that gives the damage to the crop protection and can reduce the production at every year. The Small outbreaks were reported in Malaysia, such as in Malacca in 1939. The insects are assault on the surface of leave and cause the hopper burn. This study was design to know the population of Brown Planthopper (*Nilaparvata lugens*) at Kampung Dahlia Bachok, Kelantan by using yellow pan trap method. Yellow pan trap is the simple trap but effective to trap the BPH because most of insect like a bright color. The SPSS result also show that the data of BPH is not normally distributed ($p < 0.05$) According to the Kruskal- wallis test shows that the BPH was significant among different time of collection.