

UNIVERSITI TEKNOLOGI MARA

**ACCEPTANCE AND ADAPTABILITY OF
FARMERS IN PERTUBUHAN PELADANG
KAWASAN (PPK), KEDAH TOWARDS
THE USE OF SELF-PROPELLED
SEEDLING TRANSPLANTER USED IN
RICE FARMING PRACTICES**

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Final year project report submitted in partial fulfilment of the
requirement for the degree of
**Bachelor of Science (Hons.) Plantation Technology and
Management**

Faculty of Plantation and Agrotechnology

January 2015

APPROVAL SHEET

This Final Year Project Report entitled “**Acceptance and Adaptability of Farmers in Pertubuhan Peladang Kawasan (PPK), Kedah Towards the Use of Self-Propelled Seedling Transplanter Used in Rice Farming Practices**” was submitted by **Muhd Zulhilmi Bin Mat Zaki**, in partial fulfilment of the requirements for the Degree of Bachelor of Science (Hons.) Plantation Technology and Management, in the Faculty of Plantation and Agrotechnology, and was approved by

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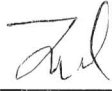
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Towards the Use of Self-Propelled Seedling
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ABSTRACT

Rice is the third most important crop in Malaysia. In this study, researcher was decided to study about farmers' acceptance and adaptability towards self-propelled seedling transplanter used in their farming practices. This study ran at PPK Kompleks Gerak Tani MADA E-IV Bukit Besar, 06800 Kota Sarang Semut, Kedah Darul Aman. The population size of this study is about 210 farmers. For this study, the researcher needs only 132 samples from 210 samples to analyse. Self-propelled seedling transplanter is ones of technology that will help the farmer to operate their field. The machine has a lot of advantages that has been proven by the previous study. The questionnaires were used to collect data and distributed to the selected farmers. Pearson correlation was used to analyse relationship between farmers' knowledge and effectiveness of the machine towards their acceptance and adaptability on the machine. This study shown there is a significant relationship between farmers' knowledge and effectiveness of machine towards acceptance and adaptability of self-propelled seedling transplanter.

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