

**A STUDY OF RICE BLAST DISEASE IN KAMPUNG ALOR BAKAT,  
KELANTAN**

**MUHAMMAD ILHAM BIN ISMAIL**

**Final Year Project Report Submitted In Partial Fulfillment of Requirement for  
the Degree of Bachelor of Sciences (Hons.) Plantation Technology  
and Management in the Faculty of Plantation and Agrotechnology  
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## DECLARATION


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

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Candidate's signature :   
Name : MUHAMMAD ILHAM BIN ISMAIL  
Date : 27/07/2016

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

Signature :   
Name of supervisor : MOHD ZAFRI AB WAHAB  
Position : LECTURER  
Date : 27/7/16

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## **ABSTRACT**

### **A STUDY OF RICE BLAST DISEASE IN KAMPUNG ALOR BAKAT, KELANTAN**

Rice is a staple food for most people in the world. This include Malaysia which Malaysian eat rice every day. Moreover rice also is the sources income for farmers. However, the production of paddy is in sufficient because due several problems. Rice blast disease is one of the problems which cause losses of 11-30% annually. In Kampung Alor Bakat, the level of the incidence and severity of rice blast disease is not been updated. This study was carryout to determine the current incidence and severity of rice blast in Kampung Alor Bakat. In Kampung Alor Bakat, the percentage of the incidence and severity of rice blast disease are lower than 50% with the incidence of field 1 is 41.03%, field 2 is 43.93% and field 3 is 30.83%. While the severity of field 1 is 12.44%, field 2 is 14.22 and field 3 is 6.67%. There are several factors that contribute the infection of rice blast disease and in this study the most factors cause the infection of rice blast disease are quantity of fertilizer use, quantity of fungicide use and the water level in the paddy field.