

**THE EFFECT APPLYING DIFFERENT RATE OF NITROGEN  
FERTILIZER ON RICE**

**NATASHA HUSNA BINTI ZAKARIAH**

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Partial Fulfilment of the Requirements for the  
Degree of Bachelor of Science (Hons.) Plantation Technology and Management  
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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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Name: NATASHA HUSNA BT ZAKARIAH .....

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.

Signature:  .....

Name of Supervisor: NORAIIDA MOHD RAZLI .....

Position: LECTURER .....

Date: 20/7/2016 .....

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## **ABSTRACT**

### **THE EFFECT APPLYING DIFFERENT RATE OF NITROGEN FERTILIZER ON RICE**

Rice is a food which consume daily by almost 7 billion people in the world. The rice consumption increase proportionally with population however, the yield declining. A decline production of rice caused by many factors and one of the factor is nutrient management especially nitrogen fertilizer. Nitrogen is a basic nutrient needed by rice and helps in maintain the rice yield (Guindo et al, 1994; Pang et al, 2002; Liu et al, 2007; Yang et al, 2011). The quality and yield of rice can be increase if nitrogen was manage wisely (Chaturvedi, 2015). The rate on nitrogen fertilizer give significant effect to growth, yield, and others. This paper highlighted the effect of applying difference rate of nitrogen fertilizer growth and yield of rice.