

**DIVERSITY OF WEEDS IN ORGANIC AND CONVENTIONAL PADDY  
FIELD**

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Degree of Bachelor of Science (Hons.) Plantation Management and Technology  
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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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I hereby declare that I have checked this project and in my opinion, this project is adequate in term 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**

### **DIVERSITY OF WEEDS IN ORGANIC AND CONVENTIONAL PADDY FIELD**

Weed is unwanted plants that grow at unwanted place. In paddy field, this plant will compete with the crop to get nutrient, space, water and light. This competition will cause lowering paddy yield and reduce the quality and paddy grade. In order to study the diversity of weed species and comparing the population between organic and conventional paddy field, the weeds found in the field was collected. The weeds was identified and documented as a herbarium. The level of species similarities was determine using Jaccard Similarity Coefficient in Multi Variate Statistical Programme. This research shows that there are 11 weed species found in organic paddy field and 2 weed species found in conventional paddy field comprising of 7annuals and 4 parennials. The similarity level between these organic and conventional paddy field was low which is 18.18%. The factor that contribute to this result also stated to considered as future improvement of the study to be conducted in the future.