

**ASIAN PERCEPTION TOWARDS BIO FERTILIZER APPLICATION ON PADDY :
A REVIEW**

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**Final Year Project Report Submitted in
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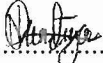
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DECLARATION

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 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.

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ABSTRACT

Asian Perception towards Bio fertilizer Application on Paddy: A Review

Bio fertilizer is essential component of fertilizer to increase yield of plant. It also gives positive impact to soil structure, nutrient uptake to plant and environmental friendly become produce. This review paper aims to discuss on perception people regarding to the bio fertilizer application based on Asian countries such as India, Malaysia, Vietnam, Pakistan and also Thailand. Based on the different studies done, different countries will perceive bio fertilizer application differently. Then, there are benefits of using bio fertilizer such as Blue Green Algae (BGA) inoculum, Azolla and organic matter for the growth performance production of paddy. Utilization of Azolla and organic matter give positive impacts to the plant length (cm), Green Panicle (stalk), dry weight (g), and harvest weight (ton per ha). Moreover application of Blue Green Algae (BGA) as a supplement to NPK fertilizer can enhance the production of panicle, spikes, plant height, number of grains, grain yield, and straw yield.

Key words: acceptance to the bio fertilizer, effect to paddy, Organic Matter, Azolla and Blue Green Algae (BGA) inoculum