

**THE EFFECT OF BIOCHAR ON GROWTH PERFORMANCE
AND YIELD OF RICE : A REVIEW**

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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
THE EFFECT OF BIOCHAR ON GROWTH PERFORMANCE
AND YIELD OF RICE

Nowadays, farmers know about the benefits of applying biochar on the field. Thus, it makes them shift from inorganic to organic ways which is apparently gives many benefits to the cultivated crops and the soil itself. Biochar are widely produced from agricultural waste such as empty fruit bunch, rubber factory effluent, rice husk and other waste materials. Basically, the application of biochar would help to remove of toxic explosives from the soil and ground water supplies. Biochar can be used as the soil enhancer that gives numerous benefits for agricultural purposes. This paper highlighted the characteristics of biochar from plant residues resources and their effect to soil properties, growth performance and also yield of rice.

Key words: Biochar, characteristics, soil properties, growth performance and yield.