ECONOMIC COMPARISON OF TOMATO PRODUCTION ON DIFFERENT TYPE OF INSECTICIDE APPLICATION

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Final Year Project Proposal Submitted in Partial Fulfilment of the Requirement For The Degree of Bachelor of Science (Hons.) Plantation Technology and Management in the Faculty of Plantation and Agrotechnology Universiti Teknologi MARA

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DECLARATION

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In many agriculture practices, insecticide and pesticide are the only commonly use and effective means of controlling the disease, insect pest, and weeds. Therefore, the people that use insecticide or regularly come in contact with them must understand the relative toxicity, potential health effects, and preventive way to reduce the exposure to the chemical products that they use.

This studies were conducted as an open field in uitm jasin farm, melaka in 2015 to evaluate and making economic comparison on the effect of different insecticide (selected chemical application) in to tomato production on yield and profitability of Solanum lycopersicum. The sample involved three treatments viz: Confidor 200 SL (IMIDACLOPRID), Sulfoxaflor 500 WG and untreated (water). The different yield may influenced the sales and increase the farmer's income. The better selected insecticide to the pest attack can give advantage to the farmers to reduce the cost of tomato production and gain more profit income. The purpose of this study is was to identify the most economically feasible according to the yield, income and benefit cost ratio of tomato production. This is important elements to the farmers to select the effective insecticide to increase their yield and profit while cost may been recovered by the sales of yield production.