

ABSTRACT

EXAMINING OF SEVERAL HIDROPONICS NUTRIENTS FOR LETTUCE ON MODIFIED FLOATING SYSTEM HIDROPONIC TECHNOLOGY

By

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This research aimed to find out the best nutrition for lettuce cultivated in a modified floating system hydroponic technology. Experiment used in this research was Randomized Complete Block (RBC) with factorial arrangement. Single factor treatments were five different brand nutrients (N1, N2, N3, N4, and N5), each consisted of four replicates. Data was analyzed by using Analysis of Variance (ANOVA), followed by Least Significant Difference (LSD) multiple comparasion 5%.

The result showed that the better nutrition for lettuce were Goodplant (N1) and Nutri mix (N5). Those were indicated by the better performance of all parameters measured, such as plant height, number of leaves, root length, biomass weight with upper part and lower part.

Keyword : lettuce, modified floating system hydroponic technology, nutrition.