

ABSTRACT

EFFECT OF RABBIT URINE DOSE ON THE GROWTH AND YIELD OF JAPANESE CUCUMBER (*Cucumis sativus* L) VARIETIES ROBERTO F1

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Japanese cucumber (*Cucumis sativus* L.) is one of the fruit vegetables that are widely consumed by Indonesian people, because the nutritional value of Japanese cucumber used as a source of minerals and vitamins. Seeing the condition of Japanese cucumber cultivation that has not improved, it is necessary to develop a cultivation technique to increase the productivity of Japanese cucumbers. The objective of this study was to study the effect of the dose of rabbit urine liquid fertilizer on the growth and yield of Japanese cucumber plants. This experiment used a Randomized Block Design (RBD) with doses of liquid fertilizer rabbit urine 20 ml/plant, 30 ml/plant, 40 ml/plant and 50 ml/plant. The data were analyzed using analyzed of variance with the F test and continued with Duncan's Multiple Range Test with a significance level of 5%. The results showed that there were an effect on the diameter of plant height, number of leaves, number of fruit, fruit weight per plant and fruit weight per plot. Rabbit urine liquid fertilizer of 40 ml/plant gave the best results on plant height, number of fruit per plant (8,70 fruit per plant), fruit weight per plant (1465,13 gram) and fruit weight per plot (779,8 kg is equivalent to 20,79 tons/ha).

Keywords : Liquid fertilizer, Rabbit urine, Japanese cucumber.