

Effect of Dosage of Chicken Fertilizer and Pruning Time on the Growth and Product of Baby Cucumbers (*Cucumis sativus* L.)

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ABSTRACT

The purpose of the study was to examine the interaction of chicken manure fertilizer dosage and pruning time, and to determine the right chicken manure fertilizer dosage and pruning time on the growth and yield of baby cucumber plants. The study used a Complete Randomized Block Design (CRBD) consisting of two factors. The first factor was the chicken manure fertilizer dosage consisting of 3 dose levels, namely, 10 tons/ha, 20 tons/ha, 30 tons/ha. The second factor was pruning time consisting of 3 levels, namely, 15 DAP, 20 DAP, 25 DAP. Data were analyzed using Analysis of Variance (ANOVA) at the 5% level and further tested using Duncan's Multiple Range Test at the 5% test level. There was an interaction in the parameters of plant height at 20 DAP and 25 DAP, and the number of leaves at 25 DAP. The treatment of chicken manure fertilizer dosage of 10 tons/ha is the best choice to reduce additional costs for farmers in cultivating baby cucumbers. The treatment of pruning time 15 days after planting aims to quickly produce fruit on baby cucumber plants

Keywords: Baby cucumber, chicken manure fertilizer, pruning time