

***Application Rabbit Urine and Rabbit Manure to Production of Cowpea Plant
(Vigna unguiculata (L.) Walp.)***

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ABSTRACT

Rabbit urine and rabbit feces are among the components that can be used as organic fertilizer because they can provide supplement for the plants. Increase in crop yields on marginal land can become diversified foodstuffs in Indonesia. By means of a rabbit's urinary concentration and a proper dose of rabbit dung, it is expected to be increased cowpea yields. This study was aimed at recognizing the effects of a rabbit's concentration of urine and a dose of rabbit dung on the production of a delinquent plant. The study is carried out for 5 months from October 2020 to February 2021. The entire series of activities took place in Sumberkalong village, Wonosari district, Bondowoso. The study USES a Completely Randomized Block Design (CRBD) design with two factors: a rabbit's urine concentration and a dose of rabbit dung with 9 combinations of treatment and 3 encore. The research data was analyzed using ANOVA with further tests is DMRT 5%. The result has shown that giving a concentration of rabbit urine and a dose of rabbit dung does not affect the production of cowpea in all parameters. While the urine treatment of rabbits affects the height of 60 HST and the weight of wet pod per sample. The best treatment of rabbit urine is 30% with a plant yield of 120,80 grams. There is no interaction effect between the concentration of rabbit urine and the dose of rabbit feces in paramaters.

Keywords: Cowpea, Rabbit Manure, and Rabbit Urine