

ABSTRACT

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EFFECTS OF RABBIT'S URINE DOSES ON THE GROWTH AND YIELDS OF SAWI PAGODA (Brassica narinosa)

(vii + 15)

Keywords : Urin rabbits, liquid organic fertilizer, Brassica narinosa

Brassica narinosa is one of the new variant horticultural crops of high economic value vegetables. Brassica narinosa which is still minimal produced but has been favored by society requires more effective cultivation such as the addition of organic fertilizer in order to increase the production of Brassica narinosa in increasing production such as Brassica in general. Utilization of liquid organic fertilizer derived from rabbit urine can increase the availability of nutrients and good for brassica narinosa because it has a higher N content than other livestock waste. The study aims to determine the effective dose of rabbit urine fertilization for the production of Brassica narinosa and determine the effectiveness of rabbit urine liquid organic fertilizer on the production of Brassica narinosa. This research was conducted at the the experimental, Gunadarma University F7 in February-March 2020. Research using non factorial Randomized Block Design (RBD) with 3 replications consisting of 5 factors treating rabbit urine were U0=0% of rabbit urine fertilizer, U1=25% of rabbit urine fertilizer, U2=50% of rabbit urine fertilizer, U3=75% rabbit urine fertilizer and U4=100% rabbit urine fertilizer. There were 15 experimental units which were repeated 3 times, with each experimental unit consisting of 10 plants, total plants under treatment were 150 plants. The data obtained were analyzed using Variance Analysis (ANOVA), the results of the analysis that showed significant differences will be continued with the orthogonal polynomial. The results of the research are expected to use rabbit urine to provide an optimal growth and production effect on mustard pagoda plants (Brassica narinosa).

Bibliography (2007-2019)