

**EFEKTIVITAS PEMBERIAN PUPUK KANDANG TERHADAP
PERTUMBUHAN DAN HASIL BENIH BEBERAPA VARIETAS KEDELAI
(*Glycine max*, L. Merrill). *Effectiveness Of Providing Fertilizer Management On
Growth And Results Of Some Variety Of Soybean (Glycine Max, L. Merrill).*
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ABSTRACT

Research on the effectiveness of the provision of manure on the growth and yield of several soybean varieties (glycine max, l. Merrill). The purpose of the study was to determine the positive effect of giving cow manure and chicken manure on soybean plants. The experimental method used was a completely randomized factorial design consisting of 2 factors. The first factor is (V1) Devon 1 variety, (V2) Grobogan variety, (V3) Echo variety. The second factor is (P1) Without manure, (P2) Cow manure and (P3) Chicken manure. The study was conducted on 20 September 2019 until 23 December 2019 at the Research Institute for Various Beans and Tubers (BALITKABI) Malang, East Java. This research was compiled using a Completely Randomized Design consisting of 2 factors. The first factor is (V1) Devon 1 variety, (V2) Grobogan variety, (V3) Echo variety. The second factor is (P1) Without manure, (P2) Cow manure and (P3) Chicken manure. The results showed that the positive effect on plant height, flowering age, and number of branches was indicated in the Gema variety. The influence of the type of manure on plant height did not show a consistency increase at the age of 15 days until harvest, an increase in flowering age and the number of branches indicated by the type of chicken manure. The effect of the interaction between the treatment of varieties with types of manure for 3 (three) varieties, shown in the type of chicken manure for the parameters of observing the age of cooking, number of fertile books, number of filled pods, weight of 100 seeds, and yield of seeds of 5 (five) plants

Keywords: Soybean Seeds, Varieties, Fertilizers