

ABSTRACT

EFFECT OF EGGSHELL POWDER ON THE GROWTH AND YIELD OF YARD LONG BEAN (*Vigna sinensis L*)

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The purpose of the study was to find the effect of eggshell powder on the growth and yield of yard long beans in Madiasari Village, Sukahurip Cineam Tasikmalaya with a height of 333 meters above sea level in June to August 2018. This study use a Randomized Block Design (RBD) with 9 treatments and 3 replications. The treatments were A = control (without fertilizer) B = Urea 50 kg/ha, SP36 100 kg/ha, KCl 50 kg/ha given when planting and 20 days after planting, C = Urea 50 kg/ha, SP36 50 kg/ha, KCl 50 kg/ha + eggshell powder 50 g/plant given when planting and 20 days after planting, D = 15 g/plant eggshell powder given when planting, E = 30 g/plant eggshell powder given when planting and 20 days after planting, F = 20 g/plant eggshell powder plant is given when planting, G = 40 g/plant eggshell powder given when planting and 20 days after planting, H = 25 g/plant eggshell powder given when planting, I = 50 g/plant powder eggshells given when planting and 20 days after planting. The data was analyzed using variance with the F Test and continued with Duncan's Multiple Range Test with a real level of 5%. The results showed that applications of eggshell powder had an effect on the number of pods/plant.

Keywords: Eggshell Powder, Long Beans, Organic Fertilizers.