

THE EFFECT OF USE OF PPC MASTERGROW FERTILIZER AND  
CHICKEN FERTILIZER ON PRODUCTION OF PEANUT  
(*Arachis hypogea L.*) GAJAH VARIETY

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ABSTRAK

This study aims to determine the effect of the use of ppc mastergrow fertilizer and chicken manure on the production of peanut (*Arachis hypogea L.*) elephant varieties in Antirogo Village, Summersari District, Jember Regency with a height of approximately 86 masl. The time of this research began in December 2018 until February 2019. The design used was a factorial 2 Random Group Design. The first factor treatment is the dose of chicken cage fostering with 3 levels namely; control (K0), a dose of 10 tons / ha (K1), and a dose of 15 tons / ha (K2). The second factor is the use of liquid fertilizer with 3 levels, namely; without the provision of ppc (P0), 3cc (P1) and 6cc (P2). Data were analyzed using Analysis of variance and then further tested using DMRT levels of 5% and 1%. The results showed that the dose of using PPC mastergrow had a very significant effect on. parameters of plant height at the age of 22 HST, wet pod weight per sample, wet pod weight per plot, dry pod weight per sample, dry pod weight per plot, number of pods containing samples and had no effect on parameters Plant height 15 HST Number of empty pods per sample , Weight of dry seeds per sample, Weight of 100 seeds, Treatment of chicken manure did not significantly affect all observation parameters. The interaction of ppc mastergrow treatment and administration of chicken manure did not significantly affect all observed parameters.

Keywords: ppc mastergrow, peanut, chicken fertilizer