

# **EFFORTS TO INCREASE TRE GROWTH AND PRODUCTION OF PEANUTS BY ADDING TRICHODERMA AND CHICKEN MANURE**

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## **ABSTRACT**

*This study aims to knowing that production of peanut (*Arachis hypogea* L.). Elephant varieties by giving trichoderma and chicken manure. This research was conducted for 3 months from October 2019 to February 2020. All activities were carried out in the village of Kemuning Lor, Arjasa sub-district, Jember district. This study used a factorial Randomized Block Design (RBD) with 2 factors 9 treatments and 3 repetitions, the T factor of 3 levels, namely the dose of Chicken Manure 2 kg / plot, 4 kg / plot, 6 kg / plot, the F factor 3 level, namely the Trichoderma dose of 100. gram / 50 kg compost, 125 gram / 50 kg compost, 150 gram / 50 kg compost. water with the treatment combination. The analyzed data using ANOVA and then further tested using the 5% level of DMRT. The results of this study indicate that the interaction of the treatment of adding chicken manure and Trichoderma doses does not have a significant effect (ns) on plant height, number of gynophores, crown weight, number of pods, weight of wet and dry pods in the sample of additional chicken manure gives a significant effect ( ) on the parameters of wet pod weight per plot and dry pod weight per sample. For the addition of trichoderma had a very significant effect ( ) on the parameters of the number of pods per plant and pod weight per sample and for significant differences n the parameters of wet pod weight and dry seed weight per plot*

*Keywords : Peanuts, trichoderma, dose of chicken*