***The Effect of Various Tillage and the Use of Chicken Manure toward***

***Corn******(Zea mays L )***

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## *ABSTRACT*

*Various kinds of tillag and the use of chicken manure, it is expected to increase the yield of corn crop.This study aims to determine the production of maize (Zea mays L) varieties pertiwi 3 with the effect of various types of soil cultivation and the use of chicken manure. This research was conducted for 4 months starting from November 2019 to February 2020. All activities were carried out in the land of Tempurejo Village, Tempurejo District, Jember Regency. This study used a factorial randomized block design (RBD) with 2 factors 9 treatments and 3 replications, the T factor contained 3 levels, namely without tillage, minimum tillage, and maximum tillage, and for P factor there were 3 levels, namely 5 tons/Ha, 10 tons/Ha, and 15 tons/Ha. The data were analyzed using ANOVA and then tested using the 5% level of DMRT. The results of this study indicate that the treatment of tillage has a significant effect on the parameters of weight of dry cobs per plot and dry shelled weight per plot with the highest average yield of 4 kg. The treatment of various tillage dosage gave no significant effect on all observational parameter. Various tillage dosage interaction and use of chicken manure had no significant effect on all observational parameter.*

***Keywords :*** *Corn, Various Tillage, Chicken Manure.*