THE INFLUENCE OF GRANTING MANURE CHICKEN AND METHODS WEED CONTROL OF GROWTH AND THE PRODUCTION OF CORN CROP (ZEA MAYS L.) VARIETIES BISI-2

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ABSTRACT

This research aims to know the production of corn (Zea mays L.) varieties BISI-2 by the application of a method of weed control and the provision of chicken manure. The research was conducted over 3 months from October 2016 until January 2017. All activities are conducted the country jember polytechnic. Random Design Group (RDG) was used in the study factorial is with 2 factorial, 12 factors treatment and 3 repetition. Factors a method of weed control (Q) with 3 economic situation which is without weed control (Q0), weed control manually (Q1), weed control mechanically (Q2). Doses manure chicken (R) with 4 namely the standard without manure chicken (R0), granting manure chicken as many as 15 tons / ha (R1), manure chicken 20 tons / ha (R2), and manure chicken 25 tons / ha (R3). Data analyzed using ANOVA and next tested using DMRT advanced level of 5 percent and 1 percent. The result of this research suggests that treatment method weed control (Q) yield real impact on parameter tall plant 14 days after cropping and heavy wetness cobs. Treatment doses manure chicken (R) exert open to parameter tall plant 14 and 30 days after fields. Interaction between the weed control (Q) with chicken manure doses (R) real not exerting influence over all parameters.

Keywords*: corn , method weed control , manure chicken.*