

**RESPONSE OF DOSE ORGAMA FERTILIZER AND GOAT MANURE
CORN PRODUKTION OF VARIETIES BISI 2
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ABSTRAK

This study aims to determine the production of maize varieties of 2 with the addition of orgama fertilizer and goat manure. This research was conducted in jember politechnic area, using randomized block design method with 2 factors and 3 repetitions. Factor dose of orgama (O) fertilizer with 4 lebel covering: 0 kg/plot, 1 kg/plot, 2 kg/plot, 3 kg/plot. Goat manure (K) with 3 levels covering: 0 kg/plot, 2 kg/plot, 4 kg/plot. Data analysis using ANOVA table and further using 5% DMRT. The results of this study indicate that the treatment of dosage of goat manure treatment has a very real effect on the parameters of growth of maize 30 HST, 60 HST and dry of pipilan, very significant effect on plant height umur 45 HST. Whereas the orgama fertilizer gives a real effect on the weight parameters of cob weighted and dry weight of pipilan, very significant effect on the parameters of cob weight without weight and dry weight of cob. While on the height parameters of plant age 14 HST and weight of 100 seeds have on real effect. The interaction between orgama fertilizer and goat manure did not give a real effect on all parameters.

Keyword: Corn, Orgama Fertilizer, Goat Manure.