

**THE EFFECT OF CONCENTRATION AND TIME INTERVAL  
OF ADMINISTRATION OF GOAT URINE LIQUID ORGANIC  
FERTILIZER ON EARLY GROWTH OF BULULAWANG  
BULULAWANG SUGARCANE VARIETY (*Saccharum  
officinarum* L.)**

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**ABSTRACT**

This study aims to determine the effect of the concentration and time interval of giving goat urine liquid organic fertilizer on the early growth of budset sugarcane of Bululawang variety (*Saccharum officinarum* L.). This research was carried out on agricultural land in Ajung Village, Ajung District, Jember Regency, East Java in August - November 2021. This study used a factorial randomized design with 2 factors. The first factor consists of 4 levels and the second factor consists of 3 levels. Each treatment combination was repeated 3 times. The first factor is concentration, namely K0 (0 concentration), K1 (100ml/L concentration), K2 (200ml/L concentration), K3 (300ml/L concentration). The second factor is the giving time interval, namely P1 (7 days), P2 (14 days), P3 (21 days). The data obtained were analyzed with ANOVA at the 5% level and if they showed a significant difference, then continued with the BNT test (Least Significant Difference). The results showed that the concentration and time interval of giving goat urine liquid organic fertilizer had no significant effect on all parameters.

Keywords : Sugar cane, goat urine liquid organic fertilizer, concentration, time interval