

**EFFECT OF ADDITIONAL KIND OF NITROGEN (N)  
FERTILIZER ON THE PRODUCTION OF SUGARCANE**  
*(Saccharum officinarum L.)*  
**VARIETY R 579 BULULAWANG**

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***ABSTRACT***

Sugarcane (*Saccharum officinarum* L.) is one of the plantation crops that is cultivated as the main sugar-producing crop. Low sugar production can be caused by sugarcane plants which have low productivity values. Efforts to increase sugarcane production are carried out with nitrogen fertilization. Nitrogen fertilization is expected to be an alternative to increase production. Research from August 2020 to February 2021. Non-Factorial Randomized Block Design with 4 (four) treatments. The treatments were P1 (Urea), P2 (ZA), P3 (KNO<sub>3</sub>), and P4 (NPK). Observational data obtained were tested with the F test (Anova). The results showed that the addition of nitrogen (N) fertilizers to sugarcane aged 3 months had no significant effect on all sugarcane production parameters of the R 579 Bululawang variety.

**Keywords: Sugarcane, types of N fertilizer, production**