

***The Influence of Yeast (*Saccharomyces cerevisiae*)
and Emulsifier on Performance of Gaok Chicken***

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ABSTRACT

Gaok chicken is one of the local Indonesian chicken families from Madura. The main problem in developing native chickens is low productivity. Mixed yeast *Saccharomyces cerevisiae*-emulsifier is expected to increase growth and productivity of gaok chickens. This study aims to determine the effect and effective and efficient dose of Feed Additive mixed yeast *Saccharomyces cerevisiae*-emulsifier on the performance of Gaok chicken. The method used with 4 treatments 5 replications. Data collection for the tested parameters included feed consumption, body weight gain (PBB) and Feed Conversion Ratio (FCR). The data obtained during the study were analyzed using a completely randomized design (CRD) with a unidirectional pattern. The results showed that the addition of mixed yeast-emulsifier had no effect ($P>0.05$) on feed consumption. The highest PBB was obtained in treatment Y2. The results of rearing gaok chickens that were given mixed yeast-emulsifier on the feed to the FCR had a value that was not significantly different. So it can be concluded that the results of the study concluded that the addition of mixed yeast-emulsifier in gaok chicken with concentrations of 1 g/kg, 2 g/kg and 3 g/kg had no significant effect on feed consumption, PBB, FCR.

Keywords: Ayam Gaok, Saccharomyces cerevisiae -Emulsifier