

The Effect of Adding *Bio Emulsifier (Bile acid)* and *Green Emulsifier (Spirulina)* on the Performance of KUB Chickens (*Gallus Gallus Bankiva Tem.*)

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ABSTRACT

This research was conducted to evaluate the effect of adding Bio Emulsifier (bile acid) and green emulsifier (spirulina) on the performance of KUB (Kampung Unggul Balitnak) chickens. This research used 200 KUB chickens which were divided into 20 experimental units with 4 treatments and 5 replications. This research uses the RAL (Completely Randomized Design) method and the ANOVA (Analysis of Variance) test. If there is a significant difference ($P < 0.05$) then the DMRT (Duncan Multiple Range Test) will be continued. The treatments in this study were P0 (Control), P1 (Bio Emulsifier 0.1%), P2 (Green Emulsifier 0.1%), P3 (Mix Bio Emulsifier 0.1%, Green Emulsifier 0.1%). The parameters observed were feed consumption, body weight gain and feed conversion. Based on the results of this study, the addition of Bio Emulsifier (bile acid) and Green Emulsifier (spirulina) had no significant effect ($P < 0.05$) on feed consumption, weight gain and feed conversion.

Keywords: *KUB chicken, Bile acid, spirulina, performance*