

***Addition of Bile acid (Asam Empedu) Through Drinking Water on the
Performance of Laying Quail***

Eka Kurniawan

*Study Program of Poultry Business Management
Majoring of Animal Husbandry*

ABSTRACT

The aim of this research was to determine the effect of adding bile acid through drinking water and feed on laying quail. This research uses the Completely Randomized Design (CRD) method which is then analyzed by ANOVA and if there are significant differences it will be continued with the Duncan Multiple Range Test (DMRT). This study used 4 treatments and each treatment was repeated 4 times with 5 quail per repetition. The research design was P0 = Control treatment (without adding bile acid), P1 = Treatment with the addition of 0.01% bile acid to drinking water, P2 = Treatment with the addition of 0.02% bile acid through drinking water, and P3 = Treatment with the addition of bile acid as much as 1g/kg in feed. The research results showed that the addition of bile acid to drinking water and feed did not have a significant effect on feed consumption, feed conversion, egg weight and daily production of laying quail. The conclusion of this research is that the addition of bile acid up to 2% does not have a negative effect on the performance of laying quail.

Keywords: *bile acid, laying quail, quail performance*