

Carcass Quality of Laying Given Golden Snail (*Pomacea canaliculata* L.) Flour and *Azolla pinnata* in Ration Formulation.

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ABSTRACT

*This study aims to determine the effect of adding golden apple snail flour and *Azolla pinnata* flour in the ration formulation on carcass weight, carcass percentage, and abdominal fat in 7 week old quail. The experimental design used was a Completely Randomized Design (CRD) using 80 quails with 4 treatments and 5 replications. Each replication consisted of 4 quails. The treatments used in this study were P0 (control), P1 (10% *Azolla pinnata* flour), P2 (10% golden apple snail flour), P3 (10% golden apple snail flour and 10% *Azolla pinnata* flour). The parameters observed were carcass weight, carcass percentage, and abdominal fat. Data were analyzed using Analysis of Variance (ANOVA), if the results showed a significant effect ($P < 0.05$) then continued with the Duncan Multiple Range Test (DMRT). Based on the results of the study, it was shown that the addition of golden apple snail flour and *Azolla pinnata* flour up to 10% in the ration formulation had no significant effect ($P > 0.05$) on carcass weight, carcass percentage, and abdominal fat of laying quail. The conclusion of the study that had been carried out was that the addition of golden apple snail flour and *Azolla pinnata* flour up to 10% was not able to increase carcass weight, and carcass percentage and reduce abdominal fat of laying quail.*

Keywords: *Abdominal fat, *Azolla pinnata*, carcass, golden snail, quail*