

**EFFECT OF GIVING SNAIL FLOUR SUBSTITUTION (*Pila ampullacea*) ON
FEED TOWARD THE WEIGHT GAIN AND FEED EFFICIENCY OF MALE
QUAIL (*Coturnix coturnix japonica*)**

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ABSTRACT

The aims of this research is to know the effect of substitution of snail flour (*Pila ampullacea*) with commercial feed toward weight gain and feed efficiency of male quail (*Coturnix coturnix japonica*). This research used 24 quails (*Coturnix coturnix japonica*) in 4 weeks old which randomized to four treatments of P0 as control treatment (100% of feed commercial), P1 (1% substitution of snail flour), P2 (2% substitution of snail flour), and P3 (4% substitution of snail flour) each repeated by 6 quails. The calculation of weight gain using last weight subtracted by the first weight. The calculation of feed efficiency using growth weight formulation divided by feed consumption and multiplied by 100%. The datas were analyzed using Analysis of Variant (ANOVA) and Duncan. The results showed there is a significant difference ($p < 0,05$) toward the weight gain and feed efficiency. Based on the result, showed that 4% snail flour can increase weight gain and the feed efficiency of quail.

Key Words : Quail, snail, substitution, snail flour, weight gain, feed efficiency