

**The Effect of Snail Meat Hydrolysate as a Substitute
for Concentrate in Feed on the Production
Performance of Laying Hens**
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ABSTRACT

This research was conducted to determine how the provision of snail meat hydrolysate in feed affects the performance of laying hens. This study used 90 Lohmann Brown laying hens using the Completely Randomized Design (CRD) method consisting of 3 treatments and 6 replications in each treatment. The treatments were P0 (Control feed with a formulation of 50% corn, 35% concentrate, and 15% bran without the addition of snail hydrolysate), P1 (Ration feed with a formulation 55% corn, 29% concentrate, and 16% bran with the addition of snail hydrolysate of 10 ml/kg feed), and P2 (Ration feed with a formulation 55% corn, 29% concentrate, and 16% bran with the addition of snail hydrolysate of 20 ml/kg feed). The parameters observed in this study included feed consumption, Feed Egg Ratio (FCR), Hen Day Production (HDP), and egg weight. The research data showed that the addition of fermented snail meat hydrolysate (10 ml/kg and 20 ml/kg) to laying hen feed reduced by 5% concentrate had no significant effect ($P>0.05$) on feed consumption, egg weight, Hen Day Production (HDP), or Feed Egg Ratio (FER) with stable production performance.

Keywords: *Snail meat hydrolysate, production performance, laying hens, feed consumption, Feed Egg Ratio, Hen Day Production, and egg weight.*