

**SUPPLEMENTATION OF FERMENTED SHRIMP HEAD  
WASTE ON EGG NUTRIENT CONTENT  
RAS CHICKEN**

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**ABSTRACT**

*This study aims to determine the supplementation of fermented shrimp head waste on the nutritional content of ras eggs and to determine the best level of provision on the nutritional content of broiler eggs. The research was conducted using the experimental method of Completely Randomised Design (RAL) and Analysis of Variance (ANOVA), if the results of the analysis show significant differences, it will be further tested using Duncan Multiple Range Test (DMRT) using 40 broilers divided into 4 treatments and 5 replicates with the level of supplementation of fermented shrimp head waste on the nutritional content of broiler eggs, namely P0 (Control), P1 (Feed containing 0.1% fermented shrimp head waste), P2 (Feed containing 0.2% fermented shrimp head waste), P3 (Feed containing 0.3% fermented shrimp head waste). Treatments were conducted at 78-82 weeks of age. The parameters observed were cholesterol, protein, and fat. The results showed that fermented shrimp head waste had a significant effect on cholesterol and egg protein, but no significant effect on egg fat of laying hens.*

**Keywords:** *Laying hens, Egg nutrition, fermented shrimp waste.*