

# **The Effect of Using Selenium Yeast as a Feed Supplement on the Exterior Quality of Quail Eggs**

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## *ABSTRACT*

*This research aims to determine the effect of using selenium yeast as a feed supplement on the exterior quality of quail eggs. This research was carried out from March to June 2023 in Antirogo Village, Summersari District, Jember Regency. The material in this study used peksi strain laying quail using a Completely Randomized Design (CRD) method of 4 treatments and 6 replications with 12 individuals in each replication, so the total number of quail used in this study was 288 individuals. The first treatment is P0 = without the addition of selenium yeast, P1 = with the addition of selenium yeast as much as 0.5 g/kg of commercial feed, P2 = with the addition of selenium yeast as much as 1 g/kg of commercial feed, P3 = with the addition of selenium yeast as much as 1,5 g/kg commercial feed. The parameters in this study were egg index, egg weight and shell thickness. The data obtained were analyzed using Analysis of Variant (ANOVA). If there is data that shows significantly different results, continue with the Duncan Multiple Range Test (DMRT) with a level of 5%. The results showed that the use of selenium yeast as a feed supplement had a very significant effect ( $P < 0.05$ ) on shell thickness, but had no real effect ( $P > 0.05$ ) on egg weight and egg index.*

**Keywords :** *Quail, Feed Supplement, Selenium Yeast, Egg Exterior Quality*