

The Effect of Adding Selenium-Yeast as a *Feed Supplement* on the Selenium Content in Quail Egg Whites (*Coturnix coturnix japonica*) Layer Phase
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ABSTRACT

This research aims to determine the effect of providing selenium-yeast as a *feed supplement* with selenium content on the egg whites of laying quail in the layer phase. The material for this research was 288 laying quail with the Peksi strain. This research used the Completely Randomized Design (CRD) method which consisted of 4 treatments and 6 replications with each replication totaling 12 quail. P0 (0 g/kg), P1 (0.5g/kg), P2 (1 g/kg), P3 (1.5 g/kg). The data obtained were analyzed using Analysis of Variant (ANOVA). If the data shows significantly different results ($P < 0.05$), proceed with the Least Significant Difference Test (BNT). The parameters observed were feed consumption, hen day production and selenium content in eggs. From the results of the variance analysis of the use of selenium-yeast as a feed supplement at different levels, it shows a very significant effect ($P < 0.05$) on egg production and selenium content in egg whites, but no significant effect ($P > 0.05$) on consumption. quail feed. The conclusion from this research is the use of selenium-yeast as a feed supplement with an additional level of 0.5 g/kg; 1 gram/kg; 1.5 g/kg feed has an effect on egg production but does not increase the selenium content in quail egg whites.

Keywords: *Selenium-Yeast, Laying Quail, Selenium Content, Feed Supplement*