

***The Effect of Giving Selenium Yeast as a Feed Supplement on the Interior
Quality of Quail Eggs***

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ABSTRACT

The objective of this study was to examine the effect of adding selenium yeast feed supplement on the internal quality of quail eggs. The study was conducted from March to June 2023 in Antirogo Village, Summersari District, Jember Regency. A Complete Randomized Design (CRD) with four treatments and six replicates, each consisting of 12 quails, was used to test Peksi strain laying quails, resulting in a total of 288 quails. First, there was no treatment (P0), followed by the addition of selenium yeast to commercial feed at 0.5 g/kg (P1), 1 g/kg (P2), and 1.5 g/kg (P3). The research criteria included egg white weight, egg yolk weight, egg yolk index, egg yolk color, and unit weight. Analysis of Variance (ANOVA) was used to analyze the collected data. The Least Significant Difference (LSD) test was employed to further analyze the data if significant differences were found. The study findings showed that selenium yeast feed supplement had no significant effect ($P > 0.05$) on egg white weight, egg yolk weight, egg white index, egg yolk index, egg yolk color, and unit weight. The conclusion of this study is that the use of selenium yeast as a feed supplement has no significant effect on egg interior quality.

Keywords : *Selenium Yeast, Quail, Egg white, Egg yolk*