

**THE EFFECT OF ADDITIONAL PAPAYA SEED FLOUR (*Carica papaya* L.)
THE RATION TO CHOLESTEROL CONTENTS AND QUALITY OF
PUYUH EGGS**

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ABSTRACT

The purpose of this study was to determine the effect of papaya seed flour on the quality of quail eggs and to determine the best dose of quail egg quality. Using an experimental method with a completely randomized design (CRD), with 4 treatments and 6 replications. Each replication consisted of 7 quails, so the total used was 168 quails. The treatments used consisted of P0 (control feed), P1 (0.3% papaya seed flour in feed), P2 (0.6% papaya seed flour in feed) and P3 (1.2% papaya seed flour in feed). The parameters observed consisted of egg white index, egg yolk index, egg yolk color, shell thickness, egg cholesterol. This study uses the Analysis of Variance (ANOVA). The results showed that the addition of papaya seed flour had a significant effect ($P < 0.05$) on egg yolk color, shell thickness and egg cholesterol, but had no significant effect ($P > 0.05$) on egg white index, egg yolk index. This study concluded that the addition of papaya seed flour (*Carica papaya* L.) up to an amount of 1.2% did not affect egg quality and lowered egg cholesterol.

Keywords: Papaya seeds (*Carica papaya* L.), Quail performance, quality of quail eggs, egg cholesterol