

# **THE EFFECT OF FERMENTING RUBBER (*Hevea brasiliensis*) FLOUR USING TEMPE Yeast ON THE PERFORMANCE OF QUAIS (*Coturnix coturnix japonica*)**

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## **ABSTRACT**

This study aims to determine the effect of giving rubber seed flour fermented using tempeh yeast on the production performance of male quail. The research method used a Completely Randomized Design (CRD) experimental method using about 260 male quail aged 0-5 weeks. Divided into 4 treatment groups with the level of giving fermented rubber seed flour using different tempeh yeast, namely P0 = feed with the addition of 0% fermented rubber seed flour, P1 = feed with the addition of 4% fermented rubber seed flour, P2 = feed with the addition of fermented rubber seed flour as much as 8%, and P3 = feed with the addition of 12% fermented rubber seed flour. Each treatment was repeated 5 times so that 20 units were obtained with a total of 13 male quails per unit. Parameters observed were feed consumption, body weight gain, feed conversion. The results of the study concluded that the addition of fermented rubber seed flour to the ration had a significant effect on feed conversion but had no significant effect on feed consumption and body weight gain. Provision of fermented rubber seeds at the 8% level had the best number with feed consumption, body weight gain and feed conversion, respectively, namely 496.47g/head, 144.71 g/head and 3.41.

**Keywords:** *Male quail, rubber seeds, performance, feed consumption, body weight gain, feed conversion*