

**JUMIDIYANTI M. KOROIS. 04141911012. PENGARUH PEMBERIAN AMPAS KELAPA FERMENTASI DALAM RANSUM TERHADAP PERFORMA AYAM BROILER.**

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**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui pengaruh pemberian ampas kelapa fermentasi dalam ransum terhadap performa ayam broiler meliputi pertambahan bobot badan, konsumsi ransum, konversi ransum. Penelitian dilaksanakan di kandang percobaan Program Studi Peternakan Universitas Khairun yang terletak di kelurahan Fitu, Kota Ternate Selatan pada bulan Juli - Oktober 2023. Jumlah ayam broiler yang diteliti sebanyak 100 ekor. Penelitian ini dilakukan secara eksperimental menggunakan Rancangan Acak Lengkap (RAL) yang terdiri dari 5 perlakuan dan masing-masing perlakuan diulang 4 kali sehingga didapatkan 20 unit perlakuan yaitu : R0 = (100% pakan basal), R1 = (10% ampas kelapa fermentasi + 90% pakan basal), R2 = (20% ampas kelapa fermentasi + 80% pakan basal), R3 = (30% ampas kelapa fermentasi + 70% pakan basal), R4 = (40% ampas kelapa fermentasi + 60% pakan basal). Hasil penelitian menunjukkan bahwa, rata-rata pertambahan bobot badan ayam broiler dengan penambahan ampas kelapa fermentasi dalam ransum yaitu, R0 (437,76), R1 (429,36), R2 (420,76), R3 (431,6), R4 (390,75). Hasil uji sidik ragam menunjukkan perbedaan yang nyata ( $P < 0,05$ ). Rataan konsumsi ransum ayam broiler dengan penambahan ampas kelapa fermentasi dalam ransum yaitu, R0 = (684,55), R1 = (686,17), R2 = (690,18), R3 = (691,47), R4 (690,18). Hasil uji sidik ragam menunjukkan tidak berbeda nyata ( $P > 0,05$ ). Rataan konversi ransum ayam broiler dengan penambahan ampas kelapa fermentasi dalam ransum yaitu, R0 = (1,56), R1 = (1,6), R2, (1,63), R3 = (1,60), R4 (1,78). Hasil uji sidik ragam menunjukkan perbedaan yang nyata ( $P < 0,05$ ).

Kata kunci: Ayam broiler, ampas kelapa fermentasi, pertambahan bobot badan, konsumsi ransum, konversi ransum.

**JUMIDIYANTI M. KOROIS. 04141911012. EFFECT OF PROVIDING FERMENTED COCONUT DRUGS IN THE ration ON THE PERFORMANCE OF BROILER CHICKENS.**

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**ABSTRACT**

This research aims to determine the effect of providing fermented coconut dregs in the diet on the performance of broiler chickens including body weight gain, feed consumption, feed conversion. The research was carried out in the experimental cage of the Khairun University Animal Husbandry Study Program located in Fitu sub-district, South Ternate City in July - October 2023. The number of broiler chickens studied was 100. This research was carried out experimentally using a Completely Randomized Design (CRD) consisting of 5 treatments and each treatment was repeated 4 times to obtain 20 treatment units, namely: R0 = (100% basal feed), R1 = (10% fermented coconut dregs + 90% basal feed), R2 = (20% fermented coconut dregs + 80% basal feed), R3 = (30% fermented coconut dregs + 70% basal feed), R4 = (40% fermented coconut dregs + 60% basal feed) . The results of the research showed that the average increase in body weight of broiler chickens with the addition of fermented coconut dregs in the ration was, R0 (437.76), R1 (429.36), R2 (420.76), R3 (431.6), R4 ( 390.75). The results of the variance test showed significant differences ( $P < 0.05$ ). The average consumption of broiler chicken rations with the addition of fermented coconut dregs in the ration is, R0 = (684.55), R1 = (686.17), R2 = (690.18), R3 = (691.47), R4 (690, 18). The results of the variance test showed that they were not significantly different ( $P > 0.05$ ). The average conversion of broiler chicken rations for broiler chickens with the addition of fermented coconut dregs in the ration is, R0 = (1.56), R1 = (1.6), R2, (1.63), R3 = (1.60), R4 ( 1.78). The results of the variance test showed significant differences ( $P < 0.05$ ).

Key words: Broiler chickens, fermented coconut dregs, body weight gain, feed consumption feed conversion

