

**PENGARUH PERBEDAAN PEMBERIAN PAKAN KOMERSIAL
TERHADAP PERTUMBUHAN AYAM MERAWANG BANGKA
X AYAM KUB BOGOR F4 PADA UMUR 10 MINGGU**

Thalita Nibrastsany

22/503698/PT/09452

INTISARI

Ayam lokal hasil persilangan memiliki potensi pertumbuhan yang baik, namun performanya masih dipengaruhi oleh faktor nutrisi. Pakan komersial sebagai sumber nutrisi utama dalam pemeliharaan ayam berpotensi menimbulkan perbedaan respons pertumbuhan akibat variasi kandungan nutrisi. Penelitian ini bertujuan untuk mengetahui pengaruh pemberian pakan komersial berbeda terhadap konsumsi pakan, bobot badan, penambahan bobot badan, dan konversi pakan ayam Merawang Bangka X KUB Bogor F4 pada umur 10 minggu. Pemeliharaan dilakukan di kandang baterai milik kelompok ternak di Jalan Bibis Raya, Kasih, Tamantirto, Kecamatan Kasihan, Kabupaten Bantul, Daerah Istimewa Yogyakarta. Sebanyak 38 ekor DOC (*Day Old Chick*) ayam Merawang Bangka X ayam KUB Bogor F4 dialokasikan ke dalam dua perlakuan pakan komersial, yaitu pakan PA dengan kandungan protein kasar minimal 21% dan PB dengan kandungan protein kasar minimal 19%, masing-masing dengan tiga ulangan dan setiap ulangan terdiri atas 7-8 ekor ayam. Parameter yang diamati meliputi konsumsi pakan, bobot badan, penambahan bobot badan, dan konversi pakan. Data dianalisis menggunakan analisis kovarians (ANCOVA) dengan faktor pakan dan jenis kelamin menggunakan perangkat lunak SPSS. Hasil penelitian menunjukkan bahwa perlakuan pakan komersial berpengaruh nyata ($P < 0,05$) pada konsumsi pakan dan konversi pakan, namun tidak berpengaruh nyata ($P > 0,05$) terhadap bobot badan dan penambahan bobot badan. Faktor jenis kelamin berpengaruh nyata ($P < 0,05$) terhadap bobot badan dan penambahan bobot badan, dan konversi pakan, tetapi tidak berpengaruh nyata ($P > 0,05$) terhadap konsumsi pakan.

Kata kunci: ayam merawang bangka x ayam kub bogor, pakan komersial, pertumbuhan ayam

THE EFFECT OF DIFFERENT COMMERCIAL FEED REGIMES ON THE GROWTH OF AYAM MERAWANG BANGKA X AYAM KUB BOGOR F4 AT 10 WEEKS OF AGE

Thalita Nibrastsany

22/503698/PT/09452

ABSTRACT

Local crossbred chickens have good growth potential, with performance influenced by nutritional factors. Commercial feed, as the main source of nutrients in poultry production, may result in different growth responses due to variations in nutrient composition. This study aims to determine the effect of different commercial feeds on feed intake, body weight, weight gain, and feed conversion ratio of Merawang Bangka X KUB Bogor F4 chicken at 10 weeks of age. The experiment was conducted in battery cages owned by a livestock group on Jalan Bibis Raya, Kasih, Tamantirto, Kasihan District, Bantul Regency, Special Region of Yogyakarta. A total of 38 DOC (Day Old Chick) Merawang Bangka X KUB Bogor F4 chickens were grouped into two commercial feed treatments, namely PA with a minimum crude protein content of 21% and PB with a minimum crude protein content of 19%, each consisting of three replicates with 7–8 chickens per replicate. The observed parameters included feed intake, body weight, weight gain, and feed conversion ratio. Data were analyzed using analysis of covariance (ANCOVA) with feed and sex as factors using SPSS software. The results showed that commercial feed treatments significantly affected feed intake ($P < 0.05$), but did not significantly affect body weight, weight gain, and feed conversion ratio ($P > 0.05$). Sex had a significant effect ($P < 0.05$) on body weight and weight gain, and feed conversion ratio, but had no significant effect ($P > 0.05$) on feed intake.

Keyword: merawang bangka chicken x kub bogor chicken, commercial feed, chicken growth