

**PENGARUH PROTEIN
TERHADAP PERTUMBUHAN ITIK LOKAL BETINA
UMUR 2 SAMPAI 20 MINGGU**

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Intisari

Penelitian ini bertujuan untuk mengetahui pengaruh aras protein yang berbeda terhadap pertumbuhan itik lokal betina dari umur 2 minggu sampai 20 minggu. Sebanyak 90 ekor itik umur 2 minggu dengan bobot antara 200-300 gram, dibagi secara acak dalam 3 perlakuan dan ditempatkan dalam kandang panggung dengan ukuran 1 x 1,25 m. Tiap perlakuan terdiri dari 3 ulangan dan tiap ulangan terdapat 10 ekor. Masing-masing kelompok perlakuan diberi ransum dengan aras protein yang berbeda yaitu P1 (CP 13%, 2825 Kcal ME/kg), P2 (CP 15%, 2821 Kcal ME/kg), dan P3 (PK 17%, 2817 Kcal ME/kg). Data yang diperoleh dianalisis dengan Rancangan Acak Lengkap (CRD) Pola Searah, dan bila terdapat perbedaan dilanjutkan dengan uji LSD. Dari hasil penelitian ini menunjukkan bahwa level protein berpengaruh nyata terhadap bobot badan, penambahan berat badan dan konversi pakan yaitu antara perlakuan P1 dengan perlakuan P2 dan P3, namun tidak berpengaruh terhadap konsumsi pakan diantara ketiga perlakuan. Rata-rata berat badan yang dihasilkan yaitu P1 (1183 g), P2 (1325 g) dan P3 (1384 g) dengan penambahan berat badan rata-rata yaitu P1 (944 g), P2 (1076 g) dan P3 (1142 g). Konsumsi pakan sampai umur 20 minggu yaitu P1 (16613 g), P2 (17055 g) dan P3 (16579 g) sedangkan konversi pakan yaitu P1 (17,6), P2 (15,8) dan P3 (14,6).

Kata kunci : Protein, pertumbuhan, itik lokal.

EFFECT OF PROTEIN ON THE GROWTH OF NATIVE DUCKS FROM 2 TO 20 WEEKS OF AGE

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Abstract

This study was conducted to obtain the effect of protein level on the growth of female native duck from 2 to 20 weeks of age. In this experiment, 90 ducks of two weeks of age with 200-300 grams of body weight. Duck were divided into three protein levels (CP 13%, 2825 Kcal ME/kg; 15%, 2821 Kcal ME/kg; 17%, 2817 Kcal ME/kg) and were housed on slate system. Every treatment was replicated three times and every replicated housed teen ducks. Data were analyzed with Completely Random Design, and could be continued with LSD if there were any differences of mean. The results of treatment showed that protein level affected body weight, body gain and feed conversion between P1 treatment with P2 and P3 treatment, but did not affect on feed consumption. Body weight showed P1 (1183), P2 (1325) and P3 (1384 g/bird). Feed consumption showed P1 (16613), P2 (17055) and P3 (16579 g/bird).

Key word: Protein crude, growth, native duck.