

ABSTRAK

PENGARUH PEMBERIAN SUPLEMEN TEPUNG CANGKANG KERANG DARAH (*Anadara granosa*) DAN TEPUNG TULANG IKAN BANDENG (*Chanos chanos*) TERHADAP BOBOT BADAN MINGGUAN AYAM BANGKOK (*Gallus gallus*)

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Cangkang kerang darah mengandung zinc serta tulang ikan bandeng mengandung protein yang dapat menambah bobot badan. Penelitian ini bertujuan untuk mengetahui pengaruh pemberian tepung kerang darah (*Anadara granosa*) dan tepung tulang ikan bandeng (*Chanos chanos*) terhadap bobot badan ayam bangkok jantan.

Penelitian ini menggunakan enam ayam jantan Bangkok yang terbagi menjadi dua kelompok, yaitu kelompok kontrol dan perlakuan. Kelompok kontrol hanya diberi pakan basal sedangkan kelompok perlakuan diberi pakan basal ditambah dengan tepung cangkang kerang darah 6,6 gr dan tepung tulang ikan bandeng 3,3 gr selama 35 hari. Penimbangan bobot badan dilakukan pada hari ke 0, 7, 14, 21, 28, dan 35 menggunakan timbangan digital.

Hasil penelitian menunjukkan bahwa kedua kelompok mengalami peningkatan bobot badan, namun pada kelompok perlakuan peningkatan bobot badan lebih tinggi dibanding dengan kelompok kontrol yaitu $170,0 \pm 86,52$ gr/ekor/minggu dibanding $156,7 \pm 70,68$ gr/ekor/minggu. Analisis statistik menunjukkan bahwa tidak ada perbedaan signifikan bobot badan antara kelompok kontrol dan perlakuan. Berdasarkan hasil penelitian, dapat disimpulkan bahwa pemberian zinc dan protein pada pakan basal dapat meningkatkan bobot badan meskipun tidak signifikan.

Kata kunci: pakan basal, zinc, protein

ABSTRACT

THE EFFECT OF SUPPLEMENTATION OF BLOOD CLAM SHELL MEAL (*Anadara granosa*) AND MILKFISH BONE MEAL (*Chanos chanos*) ON THE WEEKLY BODY WEIGHT OF BANGKOK CHICKENS (*Gallus gallus*)

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Blood clam shells contain zinc and milkfish bones contain protein that can increase body weight. This study aims to determine the effect of giving blood clam meal (*Anadara granosa*) and milkfish bone meal (*Chanos chanos*) on the body weight of male Bangkok chickens.

This study used six Bangkok roosters who were divided into two groups, namely the control and treatment groups. The control group was only given basal feed while the treatment group was given basal feed plus 6.6 g blood clam shell meal and 3.3 g milkfish bone meal for 35 days. Body weights are weighed on days 0, 7, 14, 21, 28, and 35 using digital scales.

The results showed that both groups experienced an increase in body weight, but in the treatment group, the increase in body weight was higher than the control group, which was 170.0 ± 86.52 g/head/week compared to 156.7 ± 70.68 g/head/week. Statistical analysis showed that there was no significant difference in body weight between the control and treatment groups. Based on the results of the study, it can be concluded that giving zinc and protein in basal feed can increase body weight even though it is not significant.

Keywords: basal feed, zinc, protein