

ABSTRAK

PENGARUH PEMBERIAN TEPUNG TULANG BANDENG (*Chanos chanos*) DENGAN METODE FREEZE DRY TERHADAP BOBOT BADAN AYAM BANGKOK (*Gallus domesticus*)

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Penelitian ini bertujuan untuk mengetahui pengaruh pemberian tepung tulang bandeng (*Chanos chanos*) yang diproses menggunakan metode *freeze-drying* terhadap bobot badan ayam bangkok (*Gallus domesticus*). Penelitian ini menggunakan ayam bangkok berjumlah sembilan ekor yang dikelompokkan menjadi kelompok perlakuan sebanyak lima ekor dan kelompok kontrol sebanyak empat ekor. Kelompok kontrol diberikan pakan basal berupa HI-PRO-VITE A594K sedangkan kelompok perlakuan diberi pakan basal ditambah dengan tepung tulang bandeng sebanyak 3,3 gr/ekor/hari. Pengukuran bobot badan ayam dilakukan pada kedua kelompok pada hari ke 0,7,14,21,28,35. Hasil penelitian ini menunjukkan rerata bobot badan ayam perlakuan adalah $3,438 \pm 0,32$ gram lebih tinggi dari pada ayam kontrol yang memiliki hasil $2,08 \pm 0,79$ gram. Analisis statistik menunjukkan bahwa ada perbedaan signifikan pada berat badan ayam kontrol dan ayam perlakuan ($p < 0,05$). Berdasarkan hasil tersebut dapat disimpulkan bahwa pemberian tepung ikan bandeng berpengaruh terhadap bobot badan secara signifikan.

Kata Kunci: *Gallus domesticus*, tepung tulang bandeng, freeze-dry, bobot badan

ABSTRACT

THE EFFECT OF MILKFISH BONE MEAL (*Chanos chanos*) WITH FREEZE DRY METHOD ON BODY WEIGHT OF BANGKOK CHICKENS (*Gallus domesticus*)

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This study aims to determine the effect of giving milkfish bone meal (*Chanos chanos*) which is processed using the freeze-drying method on the body weight of bangkok chickens (*Gallus domesticus*). This study used nine bangkok chickens which were grouped into a treatment group of five and a control group of four. The control group was given basal feed in the form of HI-PRO-VITE A594K while the treatment group was given basal feed plus milkfish bone meal as much as 3.3 g/head/day. Chicken body weight measurements were carried out in both groups on days 0,7,14,21,28,35. The results of this study showed that the average body weight of the treatment chickens was 3.438 ± 0.32 grams, which was higher than the control chickens which had a yield of 2.08 ± 0.79 grams. Statistical analysis showed that there was a significant difference in the body weight of the control and treatment chickens ($p < 0.05$). Based on these results it can be concluded that the administration of milkfish flour significantly affects body weight.

Keywords: *Gallus domesticus*, milkfish bone meal, freeze dry, body weight