

ABSTRAK

PENGARUH PEMBERIAN RANSUM YANG MENGANDUNG TEPUNG LIMBAH IKAN TERHADAP PERFORMA PERTUMBUHAN PUYUH JANTAN *COTURNIX COTURNIX JAPONICA* FASE STARTER

Oleh

Fauziah Dewi Anggraini

Penelitian ini bertujuan untuk mengetahui pengaruh ransum yang mengandung tepung limbah ikan dan untuk mengetahui level pemberian ransum yang mengandung tepung limbah ikan yang terbaik terhadap konsumsi ransum, pertambahan berat tubuh, dan konversi ransum pada puyuh jantan *Coturnix coturnix japonica* fase *starter*. Penelitian ini dilaksanakan pada Agustus--September 2021, di Unit Kandang Puyuh Jurusan Peternakan, Fakultas Pertanian, Universitas Lampung. Penelitian ini menggunakan metode Rancangan Acak Lengkap (RAL), dengan 5 perlakuan dan 6 ulangan yang masing-masing ulangan terdiri dari 10 ekor puyuh. Perlakuan yang diberikan yaitu P0 : ransum tanpa pemberian tepung limbah ikan, P1: ransum dengan 2% tepung limbah ikan, P2: ransum dengan 4% tepung limbah ikan, P3: ransum dengan 6% tepung limbah ikan, P4: ransum dengan 8% tepung limbah ikan. Data yang diperoleh dianalisis ragam pada taraf 5% dan uji lanjut yang digunakan adalah uji BNT. Hasil penelitian menunjukkan bahwa pemberian ransum mengandung tepung limbah ikan berpengaruh tidak nyata ($P>0,05$) terhadap konsumsi ransum, pertambahan berat tubuh, dan konversi ransum. Pemberian ransum yang mengandung 4% tepung limbah ikan lebih baik digunakan terhadap konsumsi ransum, pertambahan berat tubuh, dan konversi ransum pada puyuh jantan *Coturnix coturnix japonica* fase *starter*.

Kata kunci: Puyuh jantan *Coturnix coturnix japonica*, Fase *starter*, Tepung limbah ikan, Performa pertumbuhan

ABSTRACT

THE EFFECT OF FEEDING CONTAINING FISH WASTE MEAL ON THE GROWTH PERFORMANCE OF COTURNIX COTURNIX JAPONICA MALE QUAIL STARTER PHASE

By

Fauziah Dewi Anggraini

This research aims to determine the effect of feed containing fish waste meal and to determine the best level of feeding containing fish waste meal on feed consumption, body weight gain, and feed conversion in male quail *Coturnix coturnix japonica* starter phase. This research was conducted in August--September 2021, at the Quail Cage Unit, Department of Animal Husbandry, Faculty of Agriculture, University of Lampung. This research used a completely randomized design method (CRD), with 5 treatments and 6 replications, each of which consisted of 10 quails. The treatments were P0: feed without fish waste meal, P1: feed with 2% fish waste meal, P2: feed with 4% fish waste meal, P3: feed with 6% fish waste meal, P4: feed with 8% fish waste meal. The data obtained were tested according to the analysis of variance. The data obtained were analyzed of variance at the 5% level and the further test used was the BNT test. The results showed that feeding containing fish waste meal an effect was not significant ($P>0.05$) on feed consumption, body weight gain, and feed conversion. Feeding containing 4% fish waste meal is better for feed consumption, body weight gain, and feed conversion in male quail *Coturnix coturnix japonica* in the starter phase.

Keywords: Male quail *Coturnix coturnix japonica*, Starter phase, Fish waste meal, The growth performance