

ABSTRACT

THE EFFECTIVENESS OF THE PROVISION OF FISH WASTE MEAL IN THE RATION ON THE GROWTH PERFORMANCE OF MALE QUAIL IN THE GROWER PHASE

By

ANDRE LESMANA

The purpose of this study was to determine the effect of distribution of fish manure on the growth potential of male quail during the rearing phase. This research was conducted from September to October 2021 at the Chicken House, Agricultural Institute, University of Lampung. Parameters measured were ration consumption, body weight gain, and ration changes. This study used a completely randomized design (CRD) with 5 treatments and 6 iterations. The treatments were ration without fish meal (P0), ration with 2% fish meal (P1), ration with 4% fish meal, ration with 6% fish meal (P3), and ration with 8% fish meal (P4). The data obtained was analyzed using the Least Significance Difference (LSD) test. The results of the least significant difference (LSD) analysis showed that adding fish waste meal to the ration did not affect ration consumption, weight gain, or ration conversion ($P > 0.05$).

Keywords: Fish waste meal, growth, quail (*Coturnix coturnix japonica*).

ABSTRAK

EFEKTIVITAS PEMBERIAN TEPUNG LIMBAH IKAN DALAM RANSUM TERHADAP PERFORMA PERTUMBUHAN PUYUH FASE *GROWER*

Oleh

ANDRE LESMANA

Penelitian ini bertujuan untuk mengetahui pengaruh pemberian tepung limbah ikan dalam ransum terhadap performa pertumbuhan burung puyuh jantan fase *grower*. Penelitian ini dilaksanakan pada September--Oktober 2021 bertempat di Laboratorium Terpadu, Fakultas Pertanian, Universitas Lampung. Parameter yang diukur adalah konsumsi ransum, penambahan bobot tubuh, dan konversi ransum. Penelitian ini menggunakan Rancangan Acak Lengkap (RAL) dengan 5 perlakuan dan 6 ulangan. Perlakuan yang diberikan yaitu ransum tanpa tepung limbah ikan (P0), ransum dengan 2% tepung limbah ikan (P1), ransum dengan 4% tepung limbah ikan, ransum dengan 6% tepung limbah ikan (P3), dan ransum dengan tepung limbah ikan 8% (P4). Data yang diperoleh dianalisis secara uji Beda Nyata Terkecil (BNT). Hasil analisis uji Beda Nyata Terkecil (BNT) menunjukkan bahwa pemberian tepung limbah ikan dalam ransum tidak berpengaruh ($P>0,05$) terhadap konsumsi ransum, penambahan bobot tubuh, dan konversi ransum.

Kata Kunci: Tepung limbah ikan, Pertumbuhan, Puyuh (*Coturnix coturnix japonica*).