

## **ABSTRAK**

### **PENGARUH PEMBERIAN RANSUM YANG MENGANDUNG TEPUNG LIMBAH IKAN TERHADAP KONSUMSI RANSUM, BOBOT HIDUP DAN BOBOT KARKAS PUYUH (*Coturnix coturnix japonica*) JANTAN**

**Oleh**

**Joslyn Farid Amirul Sodiq**

Penelitian ini bertujuan untuk mengetahui pengaruh pemberian ransum yang mengandung tepung limbah ikan terhadap konsumsi ransum, bobot hidup serta bobot karkas puyuh jantan. Penelitian ini dilaksanakan pada Juli 2021 di kandang unggas Laboratorium Produksi Ternak, Jurusan Peternakan, Fakultas Pertanian, Universitas Lampung. Analisis proksimat tepung limbah ikan dan ransum dilaksanakan di Laboratorium Nutrisi dan Makanan Ternak, Jurusan Peternakan, Fakultas Pertanian, Universitas Lampung. Penelitian ini menggunakan Rancangan Acak Lengkap dengan 5 perlakuan dan 6 kali pengulangan setiap satuan percobaan terdiri dari 1 ekor puyuh sehingga total puyuh yang digunakan 30 ekor. Perlakuan yang diberikan yaitu ransum tanpa pemberian tepung limbah ikan (P0), ransum dengan tepung limbah ikan 2% (P1), ransum dengan tepung limbah ikan 4% (P2), ransum dengan tepung limbah ikan 6% (P3), dan ransum dengan tepung limbah ikan 8% (P4). Data yang diperoleh dianalisis dengan analisis ragam. Hasil analisis ragam menunjukkan pemberian ransum yang mengandung 2, 4, 6 dan 8% tepung limbah ikan, tidak berpengaruh nyata ( $P>0,05$ ) terhadap konsumsi ransum, bobot hidup, dan bobot karkas puyuh (*Coturnix coturnix japonica*) jantan , tetapi pada penambahan tepung limbah ikan 6% (P3) memberikan pengaruh yang lebih baik terhadap konsumsi ransum, bobot hidup, dan bobot karkas puyuh (*Coturnix coturnix japonica*) jantan.

Kata Kunci : Bobot hidup, Bobot karkas, Konsumsi ransum, Puyuh (*Coturnix coturnix japonica*) jantan, Tepung limbah ikan

## **ABSTRACT**

### **EFFECT OF RATIONS CONTAINING FISH WASTE FLOUR ON RATION CONSUMPTION, LIVE WEIGHT AND CARCASS WEIGHT OF QUAILS (*Coturnix coturnix japonica*) MALE**

**By**

**Joslyn Farid Amirul Sodiq**

This study aims to find out the effect of giving rations contained fish waste flour to the consumption of rations, life weights and the weight of male quail carcass. This research was conducted in July 2021 in the chicken coop of Laboratory Animal Production Faculty of Agriculture, University of Lampung. The proximate analysis of fish waste flour and rations was conducted at the Laboratory of Nutrition and Livestock Food, Department of Animal Husbandry, Faculty of Agriculture, University of Lampung. The study used a Complete Randomized design with 5 treatments and 6 repetitions, each experimental unit consisted of 1 quail so that a total of 30 quails were used. The treatment given are rations without the provision of fish waste flour (P0), rations with 2% fish waste flour (P1), rations with 4% fish waste flour (P2), rations with 6% fish waste flour (P3), and rations with 8% fish waste flour(P4). The data obtained is analyzed with analysis of variance. The results of the analysis of variance showed that the provision of ration containing 2, 4, 6 and 8% fish waste meal had no significant effect ( $P>0,05$ ) on ration consumption, live weight and carcass weight in quail (*Coturnix coturnix japonica*) male, but on the addition of fish waste flour 6% (P3) gave a better effect on ration consumption, live weight, and carcass weight of quail (*Coturnix coturnix japonica*) male.

**Keywords :** Live weight, carcass weight, ration consumption,  
quail (*Coturnix coturnix japonica*) male, fish waste flour