# ABSTRAK

## PENGARUH PENAMBAHAN TEPUNG DAUN SINGKONG TERFERMENTASI TERHADAP PERFORMA AYAM JOPER FASE GROWER

Oleh

**FAISAL DIAULHAQ**

Penelitian ini bertujuan untuk mengetahui pengaruh penambahan tepung daun singkong terfermentasi sebagai bahan pakan ayam joper fase grower terhadap konsumsi ransum, berat tubuh, dan *feed convertion ratio*(FCR). Penelitian ini dilaksanakan pada Januari--Maret 2022 di Laboratorium Nutrisi dan Makanan Ternak, Jurusan Peternakan, Fakultas Pertanian, Universitas Lampung. Penelitian ini menggunakan Rancangan Acak Lengkap (RAL) dengan 5 perlakuan (0%, 5%, 10%, 15%, dan 20%) Tepung daun singkong terfermentasi *Aspergillus niger* yang diulang 4 kali dengan total 20 unit petak percobaan, masing--masing unit berisi 4 ekor ayam joper tanpa dibedakan jantan ataupun betina. Data yang diperoleh dianalisis menggunakan *analysis of variance* (ANOVA) pada taraf nyata 5%. Hasil penelitian menunjukkan bahwa daun singkong terfermentasi dalam ransum ayam joper berpengaruh nyata terhadap konsumsi ransum dan konversi ransum tidak berpengaruh nyata terhadap pertambahan berat tubuh. Berdasarkan konversi ransum tepung daun singkong terfermentasi masih dapat dipakai sampai 10%.



Kata kunci : Ayam joper, daun singkong, konsumsi ransum, Pertambahan Berat Tubuh, konversi ransum.

## ABSTRAK

## THE EFFECT OF ADDING FERMENTED CASSAVA LEAF FLOUR ON THE PERFORMANCE OF JOPER CHICKENS IN THE GROWET PHASE

**By**

**FAISAL DIAULHAQ**

This study aims to determine the effect of adding fermented cassava leaf flour as a feed ingredient for joper chickens in the grower phase on ration consumption, body weight, and feed conversion ratio (FCR). This research was conducted from January to March 2022 at the Animal Feed and Nutrition Laboratory, Department of Animal Husbandry, Faculty of Agriculture, University of Lampung. This study used a completely randomized design (CRD) with 5 treatments (0%, 5%, 10%, 15%, and 20%) Aspergillus niger fermented cassava leaf flour repeated 4 times with a total of 20 experimental plot units, each unit contains 4 joper chickens without distinguishing male or female. The data obtained were analyzed by using analysis of variance (ANOVA) at a significant level of 5%. The data obtained were analyzed by using analysis of variance (ANOVA) at a significant level of 5%. The results showed that fermented cassava leaves in the joper chicken ration had a significant effect on ration consumption and ration conversion had no significant effect on body weight gain. Based on the ration conversion, fermented cassava leaf flour can still be used up to 10%.



Keywords: Joper chicken, cassava leaves, consumption of rations, increase in body weight, conversion of rations.