

## ABSTRAK

### PENGARUH PEMBERIAN *ACIDIFIER* CUKA APEL MELALUI AIR MINUM TERHADAP PERFORMA AYAM ULU

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Penelitian ini bertujuan untuk mengetahui pengaruh pemberian *acidifier* cuka apel melalui air minum sebagai *feed additive* terhadap performa ayam ULU. Penelitian ini dilaksanakan pada November 2023--Januari 2024 di kandang *Open House* Jurusan Peternakan, Fakultas Pertanian, Universitas Lampung. Penelitian ini menggunakan Rancangan Acak Lengkap (RAL) dengan 4 perlakuan dan 5 ulangan serta setiap satuan percobaan terdiri atas 10 ekor ayam ULU sehingga total ayam yang digunakan sebanyak 200 ekor. Perlakuan dimulai saat ayam berumur 7 hari, perlakuan yang diberikan terdiri dari P0 : ransum komersil BR-11 (kontrol), P1 : ransum komersil BR-11 + penambahan *acidifier* cuka apel 0,25%, P2 : ransum komersil BR-11 + penambahan *acidifier* cuka apel 0,5%, P3 : ransum komersil BR-11 + penambahan *acidifier* cuka apel 0,75%. Data dianalisis menggunakan analisis ragam dengan taraf nyata 5% apabila perlakuan berpengaruh nyata ( $P < 0,05$ ) maka dilanjutkan dengan uji BNT. Hasil penelitian menunjukkan bahwa pemberian cuka apel tidak berpengaruh nyata ( $P > 0,05$ ) terhadap konsumsi ransum, penambahan berat tubuh, dan konversi ransum sehingga belum terdapat level pemberian cuka apel yang terbaik.

**Kata kunci:** *Acidifier*, Ayam ULU, dan Performa

## **ABSTRACT**

### **THE EFFECT OF ADMINISTERING APPLE VINEGAR ACIDIFIER THROUGH DRINKING WATER ON THE PERFORMANCE OF ULU CHICKENS**

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This research aims to determine the effect of giving apple vinegar acidifier through drinking water as a feed additive on the performance of ULU chickens. This research was carried out in November 2023--January 2024 in the Open House enclosure of the Animal Husbandry Department, Faculty of Agriculture, University of Lampung. This research used a Completely Randomized Design (CRD) with 4 treatments and 5 replications and each experimental unit consisted of 10 ULU chickens so that the total used was 200 chickens. Treatment started when the chickens were 7 days old, the treatment given consisted of P0: commercial ration BR-11 (control), P1: commercial ration BR-11 + addition of 0.25% apple vinegar acidifier, P2: commercial ration BR-11 + addition acidifier apple vinegar 0.5%, P3: commercial ration BR-11 + addition of acidifier apple vinegar 0.75%. Data were analyzed by using analysis of variance with a significance level of 5%, if the treatment had a real effect ( $P < 0.05$ ), then continued with the BNT test. The results of the study showed that giving apple cider vinegar did not have a significant effect ( $P > 0.05$ ) on ration consumption, weight gain and ration conversion so that there was no best level of giving apple cider vinegar.

**Keywords:** Acidifier, ULU Chicken, and Performance