



**KINERJA PERTUMBUHAN AYAM BROILER YANG MENDAPAT DUA
MACAM PAKAN SECARA BERGANTIAN**

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INTISARI

Penelitian ini bertujuan untuk mengetahui kinerja pertumbuhan ayam broiler yang mendapat dua macam pakan secara bergantian. Seratus tujuh belas ekor *Day Old Chicks* (DOC) broiler strain *Lohmann unsex* ditempatkan secara acak ke dalam tiga kelompok perlakuan. Setiap perlakuan terdiri atas tiga ulangan dan setiap ulangan digunakan 13 ekor ayam. Perlakuan adalah pemberian pakan Tepung Lapis Legit Afkir (TLA) pada pagi hari dan pakan pendamping (PDP) pada sore hari (R1), pemberian pakan PDP pada pagi hari dan pakan TLA pada sore hari (R2), pemberian pakan TLA selama 24 jam dan pakan PDP pada 24 jam berikutnya (R3). Pakan dan air minum diberikan secara *ad libitum*. Data yang diperoleh dianalisis menggunakan analisis variansi dari rancangan acak lengkap pola searah dan bila terdapat perbedaan dilanjutkan dengan uji *Duncan's Multiple Range Test* (TMRT). Hasil penelitian menunjukkan bahwa pemberian dua macam pakan secara bergantian pada ayam broiler tidak berpengaruh terhadap total konsumsi pakan, penambahan bobot badan, konversi pakan, konsumsi energi, konsumsi protein, persentase karkas, tetapi berpengaruh nyata terhadap konsumsi pakan TLA dan PDP ($P < 0,05$). Dapat disimpulkan bahwa ayam broiler mampu mengkonsumsi dua macam pakan secara bergantian dalam jumlah yang cukup dengan nilai nutrisi yang seimbang sesuai kebutuhan.

(Kata kunci: Kinerja pertumbuhan, Ayam broiler, Waktu pemberian, Pakan TLA dan Pakan pendamping)

GROWTH PERFORMANCE OF BROILERS FED WITH TWO KINDS OF RATION BY SEQUENCE

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ABSTRACT

The research was conducted to investigate the growth performance of broiler fed with two kinds of ration by sequence. One hundred and seventeen Day Old Chicks (DOC) of unsex Lohmann strain were divided randomly into three groups of treatment by three replications with thirteen chickens each. The treatment was TLA fed in the morning and PDP fed in the afternoon (R1); PDP fed in the morning and TLA fed in afternoon (R2); and TLA fed for 24 hours and PDP fed for the next 24 hours (R3). Feed and water were given by *ad libitum*. The data were statistically analyzed by analyses of variance of Completely Randomized Design and differences among means were tested by Duncan's Multiple Range Test (DMRTj. The results showed that feeding sequence and type of feeds had no effect on total of feed consumption, body weight gain, feed conversion, energy consumption, protein consumption, percentage of carcass, but it was significant on TLA and PDP feed consumptions ($P < 0.05$). It was concluded that broilers were able to consume two kinds of ration by sequence as they needed.

(Key words: Growth performance, Broiler, Feeding time, TLA feed and PDP feed)