

**PENGARUH LAMA PEMBERIAN PAKAN *STARTER* DAN *FINISHER*
TERHADAP PERFORMAN AYAM BROILER**

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INTISARI

Penelitian ini bertujuan untuk mengetahui performan ayam broiler jantan yang diberi pakan berdasarkan lama pemberian pakan *starter* (PS) dan *finisher* (PF). Seratus tiga puluh dua ekor day old chick (DOC) ayam broiler jantan dibagi menjadi empat perlakuan. Setiap perlakuan terdiri dari tiga replikasi. S28F29; ayam diberi PS dari umur 1-28 hari dan PF dari umur 29-35 hari, S21F22; PS dari umur 1-21 hari dan PF dari umur 22-35 hari, S14F15; PS dari umur 1-14 hari dan PF dari umur 15-35 hari, S7F8; PS dari umur 1-7 hari dan PF dari umur 8-35 hari. PS mengandung protein kasar (PK) sebesar 21% dan energi metabolisme (ME) sebesar 3254 kcal/kg sedangkan PF mengandung PK sebesar 18% dan ME sebesar 3220 kcal/kg. Data yang diperoleh dianalisis dengan menggunakan analisis variansi dari Rancangan Acak Lengkap Pola Searah dan bila terjadi perbedaan nyata dilanjutkan dengan uji *Duncan's Multiple Range Test* (DMRT). Hasil penelitian menunjukkan bahwa lama pakan *starter* dan *finisher* tersebut tidak berpengaruh terhadap konsumsi pakan, konsumsi energi, pertambahan berat badan, berat badan akhir, konversi pakan, tetapi berpengaruh terhadap konsumsi protein ($P < 0,01$). Perlakuan S21F22 memiliki nilai *Income Over Feed And Chick Cost* (IOFCC) yang paling tinggi.

(Kata kunci: Ayam Broiler, Pemberian Pakan, Pakan *Starter*, Pakan *Finisher*)

**THE EFFECT OF LONG TIME FEEDING OF STARTER AND
FINISHER DIETS ON BROILER PERFORMANCE**

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ABSTRACT

This research was conducted to investigate the performance of broiler which fed with long time feeding of *starter* diet (SD) and *finisher* diet (FD). One hundred and thirty two *day old chicks* (DOC) of male broiler were divided into four groups of treatments with three replications. The treatments was S28F29; broiler fed with SD from 1-28 days and FD from 29-35 days, S21F22; SD from 1-21 days and FD 22-35 days, S14F15; SD from 1-14 days and FD from 15-35 days, S7F8; SD from 1-7 days and FD from 8-35 days. SD containing 21% of crude protein (CP) and 3254 kcal/kg of metabolism energy (ME), whereas FD containing 18% CP and 3220 kcal ME/kg. The data were statistically analyzed by analysis of variance of Completely Randomized Design and differences among means were tested by Duncan's Multiple Range Test (DMRT). The result showed that long time feeding of *starter* and *finisher* diets had no effect on feed consumption, energy consumption, body weight gain, body weight, feed conversion, but it was very significant on protein consumption (PC0.01). Treatment S21F22 has the highest value of *Income Over Feed and Chick Cost* (IOFCC).

(Key words: Broiler, Feeding, Starter Diet, Finisher Diet)