

**PERFORMANS PRODUKSI AYAM BROILER DENGAN PEMBATAAN
PAKAN BERBASIS ENERGI BOBOT BADAN
PADA FASE STARTER**

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INTISARI

Penelitian ini bertujuan untuk mengetahui performan produksi ayam broiler yang diberi pembatasan pakan berbasis energi bobot badan pada fase starter. Duaratus enam belas ayam broiler jantan dan betina dengan berat badan $151 \pm 5,84$ gram yang dibagi dalam tiga kelompok perlakuan yaitu (P1) ad libitum, (P2) dibatasi konsumsi pakan mengacu rumus $1,49 \times BW^{0,67}$ kcal/ekor/hari selama 4 hari, (P3) dibatasi konsumsi pakannya dengan rumus $0,74 \times BW^{0,67}$ kcal/ekor/hari selama 4 hari dimulai pada hari ke 8. Setelah pembatasan pakan selesai ayam kembali diberi pakan secara ad libitum sampai umur 42 hari. Hasil yang diperoleh menunjukkan berpengaruh nyata ($P < 0,05$) terhadap konsumsi pakan dan konsumsi energi, tetapi tidak berpengaruh nyata terhadap bobot badan, penambahan bobot badan dan konversi pakan.

(Kata kunci : ayam broiler, pembatasan pakan, energi bobot badan)

PERFORMANCE OF BROILER CHICKENS BY RESRTRICTED
FEEDING BASED ON BODY WEIGHT ENERGY
OF STARTER PERIOD

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ABSTRACT

An experiment was conducted to determine the effect of feed restriction of broiler chicks based body weight energy on starter period. Two hundred and sixteen Lohmann (151±5,84 g) kept in floor pens were assigned to three group. The control group (PI) was given *ad libitum* access to feed from 1 to 42 d of age. Another group was restricted from 8 to 11 d (P2) of age an energy intake $1,49 \times BW^{0,67}$ kcal ME/d and a third group was restricted from 8 to 11 d (P3) of age to an energy intake of $0,74 \times BW^{0,67}$ kcal ME/d. Water allowed *ad libitum*. Then, both restricted groups were given *ad libitum* access to feed through 42 d. The result showed that weren't significantly different ($P < 0,05$) in final body weight, gain and feed efficiency, but were significantly in feed intake and energy consumption.

(Key word: broiler chickens, restricted feeding, body weight energy)