

Pengaruh *Feed Supplement* terhadap Pertambahan Bobot Badan Ayam Kampung Unggul Balitbangtan Periode *Starter*

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INTISARI

Penelitian ini bertujuan untuk mengetahui pengaruh *feed supplement* pada pertambahan bobot badan ayam Kampung Unggul Balitbangtan (KUB). Pelaksanaan penelitian dilakukan di Balai Penerapan Standar Instrumen Pertanian, Yogyakarta. Peralatan yang digunakan antara lain, neraca analitik, pengaduk, wadah pakan, kandang 20 petak dengan ukuran 1,5 x 1,5 meter dan perlengkapannya, tempat pakan tempat minum. Bahan yang digunakan yaitu 45 ekor ayam KUB periode *starter*, pakan periode *starter* dan *feed supplement*. Metode yang digunakan Rancangan Acak Lengkap (RAL) pola searah dengan tiga perlakuan dan satu ulangan. Setiap perlakuan terdiri dari 15 ekor ayam KUB. Perlakuan dalam penelitian yaitu P0 (ransum yang tidak ditambahkan *feed supplement*); P1 (ransum yang ditambahkan *feed supplement* 300 gram); P2 (ransum yang ditambahkan *feed supplement* 600 gram). Data yang diperoleh dianalisis menggunakan jamovi 2.6.44 dengan metode anova *one way*. Hasil penelitian menunjukkan bahwa rata-rata pertambahan bobot badan ayam KUB yaitu P0 895 ± 298 gram, P1 863 ± 271 gram dan P2 1043 ± 354 gram secara analisis berpengaruh nyata ($P < 0,01$). Simpulan dari penelitian ini menunjukkan pemberian ransum yang ditambahkan *feed supplement* 600 gram pada setiap 15 ekor ayam KUB berumur 3,5 bulan memiliki perbedaan bobot badan yang signifikan.

Kata kunci: Ayam KUB, ransum, *feed supplement*, pertambahan bobot badan.

The Effect of Feed Supplement on Body Weight Gain of Superior Balitbangtan High Quality Native Chickens During the Starter Period

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ABSTRACT

This study aimed to determine the effect of feed supplementation on body weight gain of Superior Balitbangtan Native (KUB) chickens. The research was conducted at the Agricultural Instrument Standardization Implementation Centre, Yogyakarta. The equipment used included an analytical balance, mixer, feed containers, a cage 20 pens measuring 1,5 x,15 meters with complete facilities, feeders, and drinkers. The materials consisted of 45 starter-period KUB chickens, starter feed, and feed supplement. The method applied was a Completely Randomized Design (CRD) with a one-way pattern, comprising three treatments and one replication. Each treatment consisted of 15 KUB chickens. The treatments were P0 (ration without added feed supplement); P1 (ration with 300 grams of feed supplement); and P2 (ration with 600 grams of feed supplement). The collected data were analyzed using jamovi version 2.6.44 with a one-way anova method. The results showed that the average body weight gain of KUB chickens was P0 895 ± 298 grams, P1 863 ± 271 grams, and P2 $1,043 \pm 354$ grams, with statistically significant differences among treatments ($P < 0,01$). The conclusion of this study indicated that the ration supplemented with 600 grams of feed supplement, 15 KUB chickens aged 3,5 monts resulted in a significantly higher body weight gain.

Keywords: KUB chickens, ration, feed supplement, body weight gain.