

ABSTRAK

PENGARUH PEMBERIAN PROBIOTIK KOMERSIL TERHADAP PERFORMA AYAM PETELUR HASIL PERSILANGAN (*GRADING UP*)

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Penelitian ini bertujuan untuk mengetahui pengaruh probiotik komersil yang berbeda terhadap konsumsi ransum, berat telur, produksi telur *hen-day*, dan konversi ransum ayam petelur hasil persilangan (*grading up*). Penelitian ini dilaksanakan pada Januari--Februari 2019 di Kandang ayam petelur Laboratorium Lapang Terpadu, Fakultas Pertanian, Universitas Lampung. Rancangan percobaan yang digunakan di dalam penelitian ini adalah Rancangan Acak Lengkap (RAL) dengan 4 perlakuan dan 7 ulangan (P0: tanpa pemberian probiotik, P1: pemberian probiotik A, P2: pemberian probiotik B, P3: pemberian probiotik C), setiap ulangan terdiri atas 1 ekor ayam sehingga ayam petelur yang digunakan sebanyak 28 ekor. Hasil penelitian ini menunjukkan bahwa perlakuan dengan suplementasi berbagai jenis probiotik komersil (A, B, C) pada dosis 0,1 ml/ekor/hari dan tanpa probiotik tidak berpengaruh nyata ($P>0,05$) terhadap konsumsi ransum, berat telur, produksi *hen-day*, dan konversi ransum ayam petelur hasil persilangan (*grading up*).

Kata kunci: Probiotik, Ayam petelur (*grading up*), Performa.

ABSTRACT

THE EFFECT OF SUPPLEMENTATION DIFFERENT COMMERCIAL PROBIOTICS ON PERFORMANCE LAYER CROSSBREED (*GRADING UP*)

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This study aimed to determine the effect of different commercial probiotics on feed intake, egg weight, production egg *hen-day*, and feed conversion ratio of laying hens (*grading up*). This research was conducted in January--February 2019 at the Layer Chicken Coop Integrated Field Laboratory, Faculty of Agriculture, University of Lampung. The experimental design used Completely Randomized Design (CRD) with 4 treatments and 7 replications (P0: without probiotics, P1: probiotics A, P2: probiotics B, P3: probiotics C), each replication consisted of 1 chicken so laying hens 28 were used. The results indicate that treatment with supplementation of various types of commercial probiotics (A, B, C) at a dose of 0.1 ml//chicken/day and without probiotics had no significant effect ($P > 0.05$) on feed intake, egg weight, production *hen-day*, and feed conversion ratio laying hens from *grading up*.

Keywords: Probiotics, Grading up, Performance.