

KINERJA PRODUKSI DUA STRAIN AYAM BROILER PADA PETERNAK MITRA PT. CEMERLANG UNGGAS LESTARI

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INTISARI*

Tujuan dari penelitian ini adalah untuk mempelajari kinerja produksi dua strain ayam broiler pada peternak mitra PT. Cemerlang Unggas Lestari. Penelitian dilaksanakan pada bulan September – Oktober 2020, materi penelitian yang digunakan adalah peternak yang memelihara ayam broiler strain Cobb dan Ross yang ada di Yogyakarta, Klaten, dan Purworejo. Metode yang digunakan adalah metode survey, data yang diambil berupa data Primer (berat DOC, mortalitas, deplesi, pertumbuhan bobot badan, konsumsi pakan, konversi pakan, umur panen, berat akhir dan indeks performa). Data yang didapat ditabulasi lalu di uji menggunakan uji T-test menggunakan SPSS 26.0. Hasil penelitian menunjukkan bahwa kinerja produksi strain Cobb dan strain Ross tidak memiliki perbedaan yang nyata kecuali pada berat doc. Hasil uji T-test menunjukkan rata – rata umur panen 34 hari, dengan bobot panen rata – rata 2 kg/ekor, tingkat deplesi strain Cobb ($2.29 \pm 1.24\%$) dan strain Ross ($3.04 \pm 1.96\%$), konversi pakan strain Ross ($1,555 \pm 0,04$ g/ekor) dan strain Cobb ($1,580 \pm 0,07$ g/ekor), sehingga menghasilkan rata – rata indeks performa strain Ross ($387 \pm 43,55$) dan Cobb ($372 \pm 38,37$). Hasil penelitian disimpulkan bahwa ayam broiler strain Cobb dan strain Ross pada peternak mitra PT. Cemerlang Unggas Lestari memiliki kinerja produksi yang sama kecuali berat DOC.

Kata kunci: Broiler, Strain, Kinerja Produksi, Cobb, Ross

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**PRODUCTION PERFORMANCE OF TWO BROILER STRAINS IN
PARTNER FARMERS PT. CEMERLANG UNGGAS LESTARI**

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ABSTRACT*

The purpose of this research was to study the production performance of two strains broiler in partner farmer of PT. Cemerlang Unggas Lestari. The research was conducted in September - October 2020, the research material used was farmer who rearing Cobb and Ross strain broilers in Yogyakarta, Klaten and Purworejo. The method used was a survey method, the data were taken in the form of primary data (DOC weight, mortality, depletion, average daily gain, feed consumption, feed conversion, harvest age, final weight and performance index). The data obtained were tabulated and then tested by the T-test using SPSS 26.0. The result showed that the production performance of Cobb and Ross strains had not significant differences except for doc weight. The result of the T-test showed that the average age of harvest was 34 days, with an average harvest weight of 2 kg /chick, the depletion rate of Cobb strains ($2.29 \pm 1.24\%$) and the Ross strain ($3.04 \pm 1.96\%$), feed conversion of Ross strain (1.555 ± 0.04) and Cobb strain (1.580 ± 0.07), so that the average performance index for Ross strain (387 ± 43.55) and the Cobb strain (372 ± 38.37). The results concluded that the broiler strain Cobb and Ross in partner farmer of PT. Cemerlang Unggas Lestari has the same production performance except on doc weight.

Keyword: Broiler, Strain, Production Performance, Cobb, Ross

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