PENGARUH *STRAIN* TERHADAP *PERFORMANCE* PRODUKSI AYAM

BROILER YANG DIPELIHARA SECARA KEMITRAAN

DI KECAMATAN PAJANGAN, KABUPATEN BANTUL

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INTISARI *)

Penelitian ini bertujuan untuk mengetahui Pengaruh *Strain* Terhadap Performance Produksi Ayam Broiler Yang Dipelihara secara kemitraan di Kecamatan Pajangan, Kabupaten Bantul. Variabel yang diamati meliputi: FI, PBB, FCR, Mortalitas dan IP. Penelitian dilaksanakan pada tanggal 2 Desember 2018 sampai tanggal 10 Februari 2019. Metode yang digunakan metode survey. Data yang diperoleh dianalisis variansi dan dilanjutkan uji DMRT (*Duncan Multiple Range Test)*. FI pada *strain* A: 3,385 kg/ekor/periode, *strain* B: 3,453 kg/ekor/periode, *strain* C: 3,427 kg/ekor/periode, *strain* D: 3,487 kg/ekor/periode, *strain* E: 3,448 kg/ekor/periode, *strain* F: 3,458 kg/ekor/periode. PBB pada *strain* A: 15.613,36 kg, *strain* B: 10.101,50 kg, *strain* C: 6.797,05 kg*, strain* D: 8.308, kg, *strain* E: 6.412,71 kg, *strain* F: 8.924,75 kg. FCR pada *strain* A: 1,58, *strain* B: 1,84, *strain* C: 1,77, *strain* D: 1,86, *strain* E: 1,89, *strain* F: 1,81. Mortalitas pada *strain* A: 4,30, *strain* B: 5,40, *strain* C: 5,37, *strain* D: 6,10, *strain* E: 5,50, *strain* F: 6,35. IP pada *strain* A: 376,33, strain B: 268,76, *strain* C: 280,80, *strain* D: 260,84, *strain* E: 246,49, *strain* F: 279,29. Hasil analisis variansi menunjukkan perbedaan yang nyata pada FI, PBB, FCR, mortalitas dan IP. Hasil penelitian disimpulkan adanya pengaruh *strain* terhadap p*erformance* produksi ayam broiler yang dipelihara secara kemitraan di Kecamatan Pajangan, Kabupaten Bantul dan yang terbaik adalah *strain*(jenis) ayam broiler MB.

Kata kunci : Kinerja Produksi, *Strain*, Ayam Broiler, Pajangan.

THE EFFECT OF STRAIN ON PRODUCTION PERFORMANCE OF BROILER CHICKEN RAISED IN PARTNERSHIP AT PAJANGAN DISTRICT, BANTUL REGENCY

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ABSTRACT *)

This study aims to understand the performance of various strains of broiler raised Pajangan subdistrict, Bantul Regency. The observed variables included: FI, PBB, FCR, mortality and IP. The study was conducted on 2 December 2018 until 10 February 2019. The method used was the survey method. The data obtained were analyzed for variance and continued with the DMRT (Duncan Multiple Range Test) test. FI in strain A: 3,385 kg / head, strain B: 3,453 kg / head, strain C: 3,427 kg / head, strain D: 3,487 kg / head, strain E: 3,448 kg / head, strain F: 3,458 kg / head. PBB on strain A: 15.613 kg, strain B: 10.101 kg, strain C: 6.797 kg, strain D: 8.308 kg, strain E: 6.412 kg, strain F: 8,924 kg. FCR in strain A: 1.58, strain B: 1.84, strain C: 1.77, strain D: 1.86, strain E: 1.89, strain F: 1.81. Mortality in strain A: 4.30, strain B: 5.40, strain C: 5.37, strain D: 6.10, strain E: 5.50, strain F: 6.35. IP in strain A: 376.33, strain B: 268.76, strain C: 280.80, strain D: 260.84, strain E: 246.49, strain F: 279.29. The results of the analysis of variance showed significant differences in FI, PBB, FCR, mortality and IP. The results of the study concluded that the effect of strain on the production performance of broiler chickens that are kept in partnership in the District of Pajangan, Bantul Regency and the best is the strain (type) of broiler chicken MB.

Keyword : Production Performance, Strain, chiken Broiler, Pajangan.