

**ANALISIS PERFORMA AYAM PETELUR *FASE LAYER*
STRAIN ISA BROWN PADA SISTEM KANDANG OPEN
HOUSE DI SUMBER WAHANA GEMILANG FARM,
KECAMATAN NATAR, KABUPATEN
LAMPUNG SELATAN**

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RINGKASAN

Strain Isa Brown merupakan hasil persilangan dari ayam *Rhode Island White* dan *Rhode Island Red*. Berdasarkan genetiknya jenis ayam ini di produksi pada lingkungan yang relatif dingin apabila lingkungan terlalu panas akan menimbulkan stress pada ayam sehingga produktifitas tidak optimal. Sumber Wahana Gemilang Sumber Wahana Gemilang lebih memilih menggunakan tipe kandang Open House dalam pemeliharaan, di mana pilihannya dipengaruhi secara signifikan oleh kondisi lingkungan sekitar. Seperti yang diketahui, suhu udara di Kecamatan Natar cenderung kurang cocok bagi strain Isa Brown karena mencapai 34°C yang tergolong tinggi (Badan Pusat Statistik). Lampung Selatan regency in 2022. Tujuan Menganalisis Performa ayam petelur *fase layer Strain Isa Brown* pada sistem *kandang open house* di perusahaan Sumber Wahana Gemilang. Penelitian ini dilaksanakan di Kandang SWG Farm pada September - Desember 2023. Penelitian ini menggunakan metode deskriptif kuantitatif. Parameter yang di uji meliputi konsumsi pakan, *Hen Day Production*, *Hen Housed Production*, *Feed Conversion Ratio* dan mortalitas. Berdasarkan hasil dan pembahasan dapat disimpulkan bahwa Konsumsi pakan rata-rata 103 g/ekor/hari. Nilai rata-rata FCR 2,19. HDP 24-33 minggu rata-rata HDP 84% nilai tersebut di bawah standar. HHP rata-rata yaitu 85,%. Belum memenuhi standar HHP. Mortalitas memenuhi standar dengan angka mortalitas 0,22%.

Kata Kunci : Performa, Ayam Petelur, *Fase Layer*.

PERFORMANCE ANALYSIS OF ISA BROWN LAYER STRAIN PHASE LAYERING CHICKENS IN THE OPEN HOUSE CAGE SYSTEM AT SUMBER WAHANA GEMILANG FARM, NATAR DISTRICT, DISTRICT SOUTH LAMPUNG

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ABSTRACT

The Isa Brown strain is the result of a cross between Rhode Island White and Rhode Island Red chickens. Based on its genetics, this type of chicken is produced in a relatively cold environment. If the environment is too hot, it will cause stress to the chicken so that productivity is not optimal. Sumber Wahana Gemilang Sumber Wahana Gemilang prefers to use the Open House cage type in maintenance, where the choice is significantly influenced by the surrounding environmental conditions. As is known, the air temperature in Natar District tends to be less suitable for the Isa Brown strain because it reaches 34°C which is relatively high (Central Statistics Agency). South Lampung regency in 2022. Aim to analyze the performance of layer phase laying hens of the Isa Brown strain in the open house cage system at the Sumber Wahana Gemilang company. This research was carried out at Kandang SWG Farm in September - December 2023. This research used quantitative descriptive methods. The parameters tested include feed consumption, Hen Day Production, Hen Housed Production, Feed Conversion Ratio and mortality. Based on the results and discussion, it can be concluded that the average feed consumption is 103 g/head/day. The average FCR value is 2.19. HDP 24-33 weeks average HDP 84%, this value is below standard. The average HHP is 85.%. Does not meet HHP standards. Mortality meets standards with a mortality rate of 0.22%.

Keywords: Performance, Laying Hens, Layer Phase