

**ANALISIS PERFORMA PRODUKSI PADA PETERNAKAN BROILER  
DENGAN SISTEM KANDANG *CLOSED HOUSE* DI SULASTO FARM  
PERIODE 8 SEPTEMBER 2020 SAMPAI DENGAN 14 OKTOBER 2020**

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**INTISARI**

Ayam broiler merupakan jenis ayam yang memiliki tingkat produktifitas tinggi. Kandang *closed house* merupakan tipe kandang tertutup dengan pengaturan otomatis sehingga tercipta kondisi internal kandang yang nyaman bagi ayam. Manajemen pemeliharaan akan berpengaruh terhadap performa produksi. Performa produksi dapat dianalisis menggunakan perhitungan konsumsi pakan, penambahan bobot badan, bobot badan akhir, *Feed Conversion Ratio* (FCR), deplesi, dan Indeks Performa (IP). Data yang digunakan untuk penulisan Tugas Akhir ini diperoleh dari *recording* panen dan laporan harian kandang. Wawancara, pengamatan, dan dokumentasi juga dilakukan oleh penulis untuk memperoleh informasi mengenai manajemen pemeliharaan. Hasil perhitungan analisis performa produksi di Sulasto Farm diperoleh tingkat deplesi 1,156%; *Feed Conversion Ratio* (FCR) 1,510; bobot badan akhir 2,085 kg/ekor; konsumsi pakan 3,158 kg/ekor; penambahan bobot badan 2,038 kg/ekor; dan Indeks Performa 368,870. Performa produksi di Sulasto Farm dapat dikatakan baik dan telah sesuai dengan standar dari PT Charoen Pokphand. Performa produksi yang baik merupakan indikator manajemen pemeliharaan yang baik pula.

**Kata kunci :** Ayam broiler, *closed house*, analisis performa produksi

**PERFORMANCE PRODUCTION ANALYSIS IN BROILER FARM WITH  
CLOSED HOUSE CAGE SYSTEM AT SULASTO FARM FOR THE  
PERIOD OF SEPTEMBER 8th 2020 TO OCTOBER 14th 2020**

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**ABSTRACT**

Broiler chickens are a type of chicken that has high level of productivity. The closed house is a cage with automatic adjustment that able to create comfortable internal cage condition for the chickens. Poultry management has an effect on production performance. Production performance can be measured by calculation of feed consumption, Body Weight Gain (BWG), final body weight, Feed Conversion Ratio (FCR), depletion, and performance index. Data that used for this final project were obtained from harvest recording and farm daily recording. Interview, observation, and documentation also conducted by author to obtain information about poultry management. The results of the production performance analysis at Sulasto Farm obtained depletion rate of 1,156%; Feed Conversion Ratio (FCR) 1,510 kg; final body weight 2,085 kg/chicken; feed consumption 3,158 kg/ chicken; Body Weight Gain (BWG) 2,038 kg/ chicken; and performance index 368,870. Sulasto Farm's production performance showed a good result according with the standards of PT Charoen Pokphand. Good production performance is an indicator of good management.

**Keywords :** Broiler chicken, closed house, production performance analysis