

## ABSTRAK

### **PENGARUH KEPADATAN KANDANG DI *CLOSED HOUSE* TERHADAP PERSENTASE POTONGAN KARKAS *BROILER* UMUR 14--28 HARI**

Oleh

**Siti Ismawati**

Penelitian ini bertujuan untuk : 1) mempelajari pengaruh kepadatan kandang di *closed house* terhadap persentase potongan karkas *broiler*; 2) mengetahui kepadatan kandang di *closed house* terbaik terhadap persentase potongan karkas *broiler*. Penelitian ini dilaksanakan pada April--Mei 2019 selama 28 hari dengan 14 hari perlakuan (14--28 hari), di PT. Charoen Pokphand (kandang Bandara 2) yang terletak di Dusun Bangun Sari, Desa Way Sari, Kecamatan Natar, Kabupaten Lampung Selatan. Penelitian ini menggunakan Rancangan Acak Lengkap (RAL) dengan empat perlakuan yaitu P1 : kepadatan kandang 15 ekor/m<sup>2</sup>, P<sup>2</sup> : kepadatan kandang 17 ekor/m<sup>2</sup>, P3 : kepadatan kandang 19 ekor/m<sup>2</sup>, P4 : kepadatan kandang 21 ekor/m<sup>2</sup>, masing-masing perlakuan lima ulangan. Data yang diperoleh dianalisis ragam pada taraf 5% dan bila terdapat pengaruh yang nyata dilanjutkan dengan uji jarak berganda Duncan. Hasil analisis ragam menunjukkan bahwa kepadatan kandang 15, 17, 19, dan 21 ekor/m<sup>2</sup> di *closed house* tidak berpengaruh nyata ( $P > 0,05$ ) terhadap persentase dada, sayap, paha atas, dan paha bawah *broiler*.

Kata Kunci : *Broiler*, Potongan Karkas, *Closed House*, Kepadatan Kandang,

## **ABSTRACT**

### **EFFECT OF STOCKING DENSITY IN *CLOSED HOUSE* ON PERCENTAGE OF *BROILER* CARCASS PIECES AGED 14—28 DAYS**

**Oleh**

**Siti Ismawati**

This research aim to: 1) studied stocking density's in *closed house* on the percentage of *broiler* carcass pieces, 2) determined the best stocking density in *close house* on the percentage of *broiler* carcass. This research was conducted in April--May 2019 for 28 days with 14 days of treatment (14--28 days), in PT. Charoen Pokphand (Kandang Bandara 2) which in hamlet Bangun Sari, village Way Sari, sub-district Natar, South Lampung. This research used completely randomized design with 4 treatments (15, 17, 19, and 21 stocking density chickens), with each treatment five replications. Data obtained were analyzed for variance at the 5% level and if there was a significant effect, it was continued with Duncan's multiple distance test. The results of the analysis of variance showed that the stocking densities of 15, 17, 19, and 21 chickens/m<sup>2</sup> in the closed house had not significant effect ( $P>0,05$ ) on the percentage of breast, wings, upper thighs, and lower thighs of *broilers*.

Keywords : *Broiler*, Carcass Pieces,*Closed House*, Stocking Density