

**MANAJEMEN PEMELIHARAAN AYAM BROILER PERIODE  
BROODING PADA SISTEM KANDANG *CLOSED HOUSE* DI  
PETERNAKAN PT. CIOMAS ADISATWA YOGYAKARTA**

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**INTISARI**

Ayam broiler merupakan salah satu unggas penghasil daging sebagai sumber protein hewani untuk pemenuhan kebutuhan pangan masyarakat Indonesia. Kunci keberhasilan pemeliharaan broiler yaitu pada tahap periode *brooding*. Periode *brooding* merupakan periode emas yang tidak bisa dikonversikan ke periode berikutnya. Tujuan penulisan tugas akhir ini adalah untuk mengetahui pelaksanaan manajemen pemeliharaan ayam broiler pada periode *brooding* pada sistem kandang *closed house* di peternakan PT. Ciomas Adisatwa selama Praktek Kerja Lapangan (PKL) pada tanggal 19 Februari-03 Maret 2018. Metode yang digunakan untuk pengambilan data tugas akhir yaitu metode observasi, wawancara dan praktek langsung. Hasil Praktek Kerja Lapangan di PT. Ciomas Adisatwa dapat diketahui bahwa ayam yang dipelihara berasal dari strain Lohmann MB-202 yang berjumlah 48.000 ekor. Periode *brooding* berlangsung pada umur 1-14 hari. Pengontrolan suhu, kelembapan dan kecepatan angin dilakukan setiap hari pada pukul 08.00, 10.00, 13.00 dan 15.00. Pakan pada periode *brooding* diberikan dua kali sehari pada pagi dan sore hari. Pemberian air minum dilakukan secara *ad libitum*. Periode *brooding* dilakukan pelebaran *chick guard* dua kali sehari selebar 2-3 meter sampai diperlebar seluruhnya pada umur 14 hari. Seleksi ayam broiler dilakukan setiap hari dengan mengambil ayam yang mati dan pertumbuhan kurang baik untuk dibuang ke dalam sumur bangkai. Penimbangan berat badan dilakukan seminggu tiga kali pada hari senin, kamis dan sabtu. Vaksinasi *Newcastle Disease* dilakukan pada ayam umur 12 hari dengan metode melalui air minum yang dicampur dengan susu skim. Sanitasi yang dilakukan pada peternakan ayam broiler berupa desinfeksi kendaraan, desinfeksi petugas, dan pembersihan tempat minum setiap hari, sanitasi kandang serta lingkungan kandang dengan sprayer setiap 2-3 hari sekali. Pelaksanaan manajemen pemeliharaan ayam broiler periode *brooding* pada kandang *closed house* di PT. Ciomas Adisatwa sudah baik dan telah mencapai target PT. Japfa Comfeed, namun untuk pelaksanaan sanitasi perlu ditingkatkan.

Kata kunci : broiler, kandang *closed house*, pemeliharaan, periode *brooding*

**MAINTENANCE MANAGEMENT FOR BROILER IN BROODING  
PERIOD ON CLOSED HOUSE CAGE SYSTEM AT CHICKEN FARM OF  
PT. CIOMAS ADISATWA, YOGYAKARTA**

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**ABSTRACT**

Broiler is one of poultry meat producers as a source of animal protein for fulfillment of foods need of Indonesian society. The key to success of broiler maintenance is at the phase of brooding period. Brooding period is a gold period that cannot be converted to the next period. The purpose of this final task is to find out the implementation of maintenance management for broiler in brooding period on close house cage system at chicken farm of PT. Ciomas Adisatwa during the Field Work Practice (PKL) on the 19<sup>th</sup> February-3<sup>rd</sup> March 2018. The method used for data collection of this final task is observation methods, interview and direct practice. The results of Field Work Practice at chicken farm PT. Ciomas Adisatwa can be known that the chicken were kept from the strain Lohmann MB-202 which amounts to 48.000 chicken. The brooding period get started from 1 to 14 days. Temperature control, humidity control and wind speed control were performed daily at 08.00, 10.00, 13.00 and 15.00. Feed was given twice a day in the morning and afternoon. Drinking water was given ad libitum. Brooding period was done to expand the chick guard twice a day as wide as 2-3 meters until it is widened completely at the age of 14 days. Selection of broiler chickens was done every day by taking a dead chicken and less good growth to be thrown away into the corpse well. Broiler weighing was done three times in a week on Monday, Thursday and Saturday. The Newcastle Disease vaccination was performed on chickens aged 12 days with the method drinking water mixture with skim milk. Sanitation was performed at chicken farm PT. Ciomas Adisatwa was disinfection of vehicles, disinfection of officer, cleaning drinker every day and cage sanitary and its environment with sprayer once in 2-3 days. The implementation of management for broiler in brooding period on closed house cage system at chicken farm of PT. Ciomas Adisatwa had been well, standar target of PT. Japfa Comfeed had been reached, but the implementation of sanitation must be improved.

Keywords: broiler, closed house cage, maintenance, brooding period