**A COMPARATIVE STUDY ON MANAGEMENT OF COBB 500 BROILER PARENT STOCK IN KEARI POULTRY HATCHERY & PROCESS LTD. WITH STANDARD MANAGEMENT SYSTEM.**



**Report Presented in Partial Fulfillment of the Requirement for the Degree of Doctor of Veterinary Medicine**

**A Report Submitted by**

**Roll no.-08/12**

**Intern ID No-A-06**

**Reg. No- 355**

**Session: 2007-2008**

**Faculty of Veterinary Medicine**

**Chittagong Veterinary and Animal Sciences University**

**Khulshi, Chittagong-4202.**

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**A Production Report Submitted as per approved style and content**

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**Signature of Supervisor**

**Name: Goutam Buddha Das**

**Designation: Professor**

**Dept. of Animal Science & Nutrition**

**Chittagong Veterinary and Animal Sciences University.**

………………………………

**Signature of Author**

**Name: Minhajul Abedin Nanno**

**Roll No : 2008/12**

**Reg. No : 355**

**Intern ID: A-06**

**Date of submission: 12.01.2014**

**Faculty of Veterinary Medicine**

**Chittagong Veterinary and Animal Sciences University**

**Khulshi, Chittagong-4202.**

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**The Author**

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**A COMPARATIVE STUDY ON MANAGEMENT OF COBB 500 BROILER PARENT STOCK IN KEARI POULTRY HATCHERY & PROCESS LTD. WITH STANDARD MANAGEMENT SYSTEM.**

**Abstract**

A study was carried out on overall management of cobb500 broiler breeder parent stock to know their biosecurity, housing pattern ,brooding, feeding, vaccination, hatchery management & all sorts of activities *practiced* in KEARI poultry hatchery & process Ltd, by observing one selected flock ( No-32) containing 11,000 parent stock from 21th Oct to 20th November,2013.The birds were provided with identical care & management like feeding, watering , ventilation, lighting, vaccination & disease control programme Results shows that biosecurity were poorly maintained ,housing pattern were environmentally controlled where slat cum litter systems were followed with rice husk as a litter material. The egg production achieved at 25th weeks of age was 4.56% which was lower than recommended production i.e. 5.5%. The peak production was 86.79% achieved at 31th week of age. There were 2% less egg production than standard. The maximum hatchability% was observed 88.6% at 35th week of age. Hatchability were always lower than standard. There are insignificant amount of differences between the standard body wt gain & achieved body wt gain. Cobb 500 broiler breeder parent stocks are adaptable under Bangladesh condition if environmental stress could be minimized by taking appropriate measures & breeders management guide.

**Key words:** Cobb 500, Enviromentally controlled house, Egg production, Hatchability.

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