**A COMPARATIVE STUDY ON THE MANAGEMENT OF COBB 500 BROILER PARENT STOCK WITH THE RECOMMENDED MANAGEMENT IN “BRAC” POULTRY FARM**

**A Production Report Submitted by**

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 Submitted as per approved style and contents

**Signature of Supervisor**

**Professor Mrs. Jannatara Khatun**

**Dept. of Animal science and animal nutrition.**

**Chittagong veterinary and animal sciences university.**

**Date:**

**Signature of Author**

**MD:Rayhan siddique**

**Roll. No: 2007⁄ 19**

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**The Author**

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**“ABSTRACT”**

The study was conducted in a renowned poultry farm **BRAC** Poultry Farm Limited **Miraisari,** Chittagong from 1st January to 30th January 2013. The study was undertaken with 30,000 broiler parent stock (Cobb-500). Result related with the average body weight gain at starter stage (one month), grower stage (2-5 month), pre-breeder stage (6 month) and breeder stage (7th month - end) of Cobb-500 female birds was 351.25 gm, 2015.50 gm, 2767.00 gm and 3248.00 gm respectively. Similarly in Cobb-500 male birds it was 396.25 gm, 2698.00 gm, 3434.50 gm and 3850.00 gm respectively. The height egg production of the flock was 81.75% at 8 month of age. The lowest egg production found in start of laying at 6 month and egg production was 72-80% in 9-11 month .The maximum hatchability percentage was observed 91.5% at 9 month of age which was somewhat higher than the standard hatchability that is 89.57% in that month. In all time achieved hatchability percentage were more than the recommended hatchability percentage. Overall mortality of the flock was 3-7% per month. It may therefore be inferred that Cobb-500 broiler parent stock performs well under control housing system in our country.

**Key words:** Cobb-500 Environmentally Controlled House, Body weight gain, Production percentage.