**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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A Production report

Submitted as per approved style and contents

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**INDEX**

|  |  |  |  |
| --- | --- | --- | --- |
| **SL. NO.** | **Chapter** | **CONTENTS** | **PAGE NO.** |
| 1 |  | ACKNOWLEDGEMENT |  |
| 2 |  | ABSTRACT |  |
| 3 | I | INTRODUCTION | 1-2 |
| 4 | II | REVIEW OF LITERATURE | 3-4 |
| 5 | III | MATERIALS AND METHODS | 5 |
| 6 | IV | RESULTS AND DISCUSSION | 6-20 |
| 7 | V | RECOMMENDATION | 21 |
| 8 | VI | CONCLUSION | 21 |
| 9 |  | REFERENCES | 22-23 |

**LIST OF TABLES**

|  |  |  |
| --- | --- | --- |
| SL. NO. | Table Title | PAGE NO. |
| Table 4. 1 | Comparative study on recommended and actual / kept brooding temperature existing management system of **“BRAC”** poultry farm. | 7 |
| Table 4. 2 | Vaccination schedule for Cobb 500 Broiler Breeder. | 7 |
| Table 4. 3 | Comparative study floor space requirement of chicken | 9 |
| Table 4. 4 | Feed ingredients used for feed formulation | 10 |
| Table 4. 5 | Comparative study on lighting management | 10 |
| Table 4. 6 | Suggestive egg storage conditions: (Md Elias Hossain 2000) | 12 |
| Table 4.7 | Temperature and humidity maintained in different types of incubator of BRAC Poultry Hatchery | 12 |
| Table 4. 8 | Comparative study of monthly recommended and given feed to the Cobb 500 birds | 16 |
| Table 4. 9 | Comparative study of recommended and achieved monthly body weight gain of Cobb 500 Female and Male. | 17 |
| Table 4.10 | Comparative study of recommended and achieved monthly egg production % | 18 |
| Table 4.11 | Comparative study of Standard and achieved monthly Mortality % of Cobb 500. | 20 |

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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.