**A COMPARATIVE STUDY OF THE MANAGEMENT SYSTEM OF COBB 500 BROILER PARENT STOCK IN RENATA AGRO INDUSTRIES LIMITED, BHALUKA, MYMENSINGH POULTRY FARM WITH THE RECOMMENDED MANAGEMENT SYSTEM OF**

**“COBB 500 BREEDER MANAGEMENT GUIDE”**



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 Examination Roll : 2007/10

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 Session: 2006 – 2007

**A Production Report Submitted In Part of Fulfillment of The**

**Degree of Doctor of Veterinary Medicine (DVM)**

**Chittagong Veterinary and Animal Sciences University**

**Khulshi, Chittagong - 4225.**

**February,2013**

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**A Production Report**

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**ACKNOWLEDGEMENT**

All praises are due to Almighty “Allah” who has created everything of the nature and who enable me to complete this study. I feel great pleasure to express my deepest sense of gratitude and indebtedness to my supervisor **Professor, Goutam Buddha Das**, Department of Animal Sciences and Animal Nutrition, Chittagong Veterinary and Animal Sciences University for his scholastic guidance , valuable suggestions , constant inspiration and encouragement throughout the entire period of my study . Special thanks to **Dr. Bibek Chandra Sutradhar** Associate Professor & Director (External affairs), Department of Medicine and Surgery, for his valuable advice and co-operation. I would like to express my deep sense of gratitude and thanks to **Vice Chancellor, Professor. Dr. A** **S Mahfuzul Bari** and **Professor. Dr. Md.Masuduzzaman**, Dean, Faculty of Veterinary Medicine, Chittagong Veterinary and Animal Sciences University.

 I would like to express my special gratitude to the authority of Renata Agro Industries limited Poultry Farm,Bhaluka,Mymensingh specially **Md.Delwer Hossan,** Manager, feed mill and **Md.Shahinuzzaman,** Manager,Hatchery**, Mr.Khalid bin ahmad, General Manager** for their heartest appreciation .

**The Author**

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**ABSTRACT**

The study was conducted in a renowned pharmacautical company Renata as Renata Agro Industries limited Poultry Farm,Bhaluka,Mymensingh from 1st January to 30th January 2013. The objective of the study was to compare the care, management & production performance like the body weight gain, egg production percentage and hatchability percentage of egg,egg weight,mortality percentage of Cobb 500 broiler parent stock in the existing management system of Renata Agro Industries limited Poultry Farm,Bhaluka,Mymensingh with the recommended care, management, production performance according to the“ Cobb 500 Breeder Management Guide”. The result of the study reveals that the average observed weekly body weight gain and recommended body weight gain of Cobb 500 female at 24weeks, 28 weeks, 32 weeks, of age were 3007gm vs 2900gm, 3340gm vs 3300gm , 3515gm vs 3480gm respectively .The average observed weekly body weight gain and recommended body weight gain of Cobb 500 male at 24weeks, 28 weeks, 32 weeks of age were 3500gm vs 3495gm , 3980gm vs 3950gm , 4150gm vs 4092gm respectively .The average observed weekly egg production percentage and recommended egg production percentage of Cobb 500 at 24weeks, 28 weeks, 32 weeks of age were 2% vs 5% ,70% vs 78%, 83%vs 83% respectively .The average observed weekly hatchability percentage of egg and recommended hatchability percentage of egg of Cobb 500 at 24weeks, 28 weeks, 32 weeks of age were 73% vs 72%, 84.5% vs 84%, 88.9% vs 88% respectively.The average observed weekly egg weight and recommened weekly egg weight of Cobb 500 at 24 weeks, 28 weeks, 32 weeks of age were 48.0gm vs 48.5gm,54.0gm vs 54.2gm, 58.8gm vs 58.9gm respectively.The average observed weekly mortality and recommended weekly mortality of Cobb 500 at 24 weeks,28 weeks,32 weeks of age were 0.3% vs 0.25%,1.8% vs 2.15%,3.32% vs 3.45% respectively.From the analysis of data it can be said that there are very insignificant amount of differences between the observed data and recommended data .Therefore it may be inferred that Cobb 500 parent stock performed well under the existing management system of the farm.

**Key words:** Cobb 500 Breeder Management Guide, Environmentally Controlled House, Body weight gain,Egg Production percentage, Hatchability percentage, Mortality Percentage.

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