**STUDY ON THE COMMERCIAL BROILER REARING MANAGEMENT PRACTICES IN THE DIFFERENT AREAS OF HATHAZARI, CHITTAGONG**

Submitted By

PRAN GOPAL RUDRA

Roll No: 11/114

Reg. No: 00693

Intern ID. : F-56

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**Approved:**

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**Dr. M. A. Hossain ( Rony )**

Associate Professor

Dept. of Dairy and Poultry Science

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# LIST OF ABBREVIATIONS AND SYMBOLS USED

|  |  |
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| ABBREVIATIONS AND SYMBOLS | ELABORATIONS |
| CVASU | Chittagong Veterinary and Animal Sciences University |
| DOC | Day One Chick |
| IBD | Infectious Bursal Disease |
| ND | Newcastle Disease |
| CO. | Company |
| LTD | Limited |
| % | Percent |
| / | Divided |
| b | Bird |

**PLAGIARISM CERTIFICATE**

Myself **Pran Gopal Rudra** strongly assures that I have performed all works furnished here in this report. The information’s have been collected from books, national and international journals, websites and other references. All references have been acknowledged duly.

Therefore, I hold entire responsibility of collection, compilation, preservation and publication of all data accumulated here in this report.

……………………

The Author

November, 2017

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**ABSTRACT**

An attempt was made to investigate the commercial broiler farming condition at the different areas of Hathazari, Chittagong. In this study, ten commercial broiler farms were undertaken and surveyed with a questionnaire, which is developed for collecting data from day-old chick to marketing age of broiler chickens. Five Cobb 500 broiler strains and five Lohmann broiler strains were surveyed to collect the data focusing on body weight, feed consumption, feed conversion ratio (FCR), mortality rate and cost benefit ratio. From the data it was observed that, Cobb 500 strain showed the higher body weight (2.4kg/b) than the Lohmann strain (2.16kg/b). The FCR of Lohmann was better (1.43) than that of Cobb 500 (1.53) broiler strain. The mortality rates (7%) for Lohmann strain was higher than the Cobb 500 (5%). The average production cost was 73Tk for Cobb 500 whiles the Lohmann broiler strain being higher (90Tk/g). It may be concluded that Cobb 500 broiler strains appear to be more profitable than the Lohmann strain. So Cobb 500 broiler strain seems to be more potential to rear in the farming condition of the Hathazari Upazilla, Chittagong.

**Key Words**: Broiler, strains, productive traits, cost benefit ratio, commercial farms