**Growth Rate and Feeding Practice of Red Chittagong Cattle in Satkania Upazilla of Chittagong.**

****

**By**

**MD. NAZIM UDDIN**

**Intern ID: B-16**

**Roll No: 12/16, Registration No: 00736**

**Session: 2011-2012**

**A production report submitted in partial fulfillment of the**

**Requirements for the Degree of**

***Doctor of Veterinary Medicine***

**Chittagong Veterinary and Animal Sciences University**

**Khulshi, Chittagong-4225, Bangladesh**

**December, 2017**

**Growth Rate and Feeding Practice of Red Chittagong**

**Cattle in Satkania Upazilla of Chittagong.**

****

**By**

**MD. NAZIM UDDIN**

**Intern ID: B-16**

**Roll No: 12/16, Registration No: 00736**

**Session: 2011-2012**

**Approved as to style and content by**

…………………………......

**Signature of Author**

Md. Nazim Uddin

Roll No: 12/16

Reg. No: 00736

Intern ID: B-16

……………………………….............

**Signature of Supervisor**

Dr. Md. Kabirul Islam khan

Professor

Department of Animal Breeding & Genetics, CVASU

**Chittagong Veterinary and Animal Sciences University**

**Khulshi, Chittagong-4225, Bangladesh**

**December, 2017**

**J**

**Contents**

|  |
| --- |
| **Contents Pages** |

**Abstract VI**

**Chapter 1: Introduction 1-2**

**Chapter 2: Materials and methods 3-5**

**Chapter 3: Results 6-8**

**Chapter 4: Discussion 9-10**

**Limitation 11**

**Conclusion 12**

**Image Gallery 13-14**

**Appendix 15**

**References 16-17**

**Acknowledgement 18**

**Biography 19**

|  |
| --- |
|  |

**List of tables**

|  |
| --- |
| **Table Title Page** |

**Table** **1:** Live weight & weight Gain of RCC Male & Female Calf under 4

farm & Village Condition

**Table 2:** Concentrate Mixture for Lactating cows 4

**Table 3:** Feed allowance for RCC calves 5

**Table 4:** Composition of Urea-molasses-straw 7

|  |
| --- |
|  |

**Image Gallery**

|  |
| --- |
| **Figure Title Page** |

1. **Figure 1.** Measuring of Length of dam in IDF farm 12
2. **Figure 2.** Measuring of Heart Girth of dam in IDF farm 12
3. **Figure 3.** RCC Dairy shed of IDF farm 12
4. **Figure 4.** preparation of hanging scale 12
5. **Figure 5.** Tying of towel for hanging of calves 13
6. **Figure 6.** Measuring of calves weight 13
7. **Figure 7.** Measuring of heart girth of dam of village condition RCC 13
8. **Figure 8.** Measuring of length of dam of village condition RCC 13

**Abstract**

Red Chittagong Cattle (RCC) is considered as a variety of cattle usually found in Chittagong, Bangladesh. The study was conducted to estimate the growth rate & feeding practice of Red Chittagong Cattle (RCC). IDF farm & Eight administrative areas were selected from Satkania upazilla Chittagong district of Bangladesh. IDF farm & the farmers, who were rearing RCC, were subjected to questionnaire based interview. Data was collected with standard questionnaire by face to face interview, farm record sheet, direct observation ,weight measuring by weighing scale & inch tape to get information on growth performances & feeding practice under farming condition & village condition . The result of the collected data revealed growth performances & feeding practice of Red Chittagong Cow such as day old weight was 13.023kg. In case of farm condition average birth weight was 13.62kg & village condition it was 12.425kg. Average birth weight of male was 14.31kg & female was 11.73kg.In farm condition average male birth weight was 15.35kg & female was 11.89kg, but in village condition average male birth weight was 13.27kg & female was 11.58kg. Also calculated the weight gain per day upto 3 month of age such as 325gm per day incase of male in farming condition & female were 307gm per day. But in village condition weight gain in case of male was 268gm per day where female was 273gm per day. In this study some data were recorded to observe the feeding performances of Red Chittagong Cattle. .

**Key words:** Cattle, Birth Weight, Growth rate, Weight gain and Farming condition.