# List of Tables

[Table 1: Numbers of goats in the top five countries and their percentages from the total number in the world (FAOSTAT, 2008). 4](#_Toc465291417)

[Table 2: The amount of goat meat produced in the top five countries numbers of animals slaughtered and the average amount of meat produced per animal. (FAOSTAT, 2008). 4](#_Toc465291418)

[Table 3.1: Analysis of different parameters related to farms 10](#_Toc465291419)

[Table 3.2: Factors associated with socio-economic status of the farmers in Chittagong district (N=72). 11](#_Toc465291420)

[Table 3.3: Literacy level of the farmers (N=72). 13](#_Toc465291421)

[Table 3.4: Educational status of farmer’s children (N=72). 14](#_Toc465291422)

[Table 3.5: Sources of drinking water and condition of latrines (N=72). 14](#_Toc465291423)

[Table 3.6: Enterprise budget for goat production (10 does and 1 buck) 16](#_Toc465291424)

[Table 3.7: Common ma](#_Toc465291425)[nagement practices in household goat farms 19](#_Toc465291426)

# List of Figures

[Figure 2.1: Geographical location of sample collection site. Map of Bangladesh (a) Map of Chittagong district (b). 6](#_Toc465291705)

[Figure 2.2: Sampling methods used in current study. 8](#_Toc465291706)

[Figure 2.3: Data collection by farmer’s interview (a) Kotwali (b) Halishahar 9](#_Toc465291707)

[Figure 3.1: Health statuses of the farmers. 15](#_Toc465291708)

[Figure 3.2: Jute bag floor materials (a) Wooden floor materials (b) Concrete floor materials in roof (c) goat house in kitchen room (d), goat in bed room (e), Tethered goat rearing in road (f), Goat in free range condition (g), feeding jackfruit leafs to goat (h) Feeding in feces contaminated feeding trough (i) 21](#_Toc465291709)

# LIST OF ABBREVIATION AND SYMBOLS

|  |  |
| --- | --- |
| **Abbreviations/Symbols** | **Elaborations** |
| % | Percentage |
| +ve | Positive |
| -ve | Negative |
| < | Less than |
| > | Greater than |
| No. | Number |
| BCS | Body Condition Score |
| BBG | Black Bengal Goat |
| NGO | Non Government Organization |
| SSC | Secondary School Certificate |
| HSC | Higher Secondary Certificate |
| K | Kilometers square |
| et al. | And his associate |
| e.g. | Example |
| etc. | Et cetera |
| CVASU | Chittagong Veterinary and Animal Sciences University |

# *PLAGIARISM CERTIFICATE*

*I, Delower Hossain, would like to strongly assure you that I have performed all works furnished here in this report. The information has been collected from different books, national and international journals, websites and references. All the references have been acknowledged duly.*

*Therefore, I reserve entire responsibility of this report.*

…………………….

**The Author**

**November, 2016**

# Abstract

The present study was conducted to determine the socio-economic profiles of the household goat farmers and to investigate the management practices of goat farming and to identify the problems of goat farming in seven thanas of Chittagong district by using a pre-tested questionnaire. Socio-economic profile of the goat farmers like age, education, occupation, farm size, training received, annual income and management practices particularly housing, feeding, breeding, cleaning, vaccination program, veterinary services followed by the farmers were investigated during the research. A total of 72 goat farms were selected randomly for this study. The results reveal that most of the farmers were housewife (27.78%) having highest primary level (Class 5-8) of education (34.72%). Family types of the farmers (84.72%) were single family and majority of the farmer (48.61%) were landless (0-100 percentile). About 95.83% farmers had no training on farming. Highest proportion of the goat houses were made of bamboo having highest wooden floor (62.50%). The data obtained illustrated that majority of the farmers (45.83%) used grass and bran feed to their goats. About 68.06% of the farmers reared cross breed goats in their farms in semi-intensive system (47.22). Most of the farmers (73.61%) cleaned their farm houses regularly. The highest proportion of the farmers (68.05%) followed deworming strictly but only 20.83% farmer followed the vaccination schedule. About 59.72% farmers consulted with veterinary doctor. Nearly 45.83% farmers had low level of knowledge about goat farming. In the study we estimated per animal annual Cost Benefit Ratio (CBR) which is 2.4. In the present study few problems were identified out of which high price of concentrate feed and break out of diseases made ranked as most serious problems. If the problems are addressed properly, the goat raising could be more profitable business in Bangladesh.

Key words: Household goat farm, Chittagong, Socio-economic status, management practices, CBR