**A SOCIOECONOMIC ANALYSIS OF BROILER FARMING ENTERPRISE IN SOME SELECTED AREAS OF BIRAMPUR UPAZILA UNDER DINAJPUR DISTRICT**

**A.M.M. Golam Mortuza**

Roll No: 19/02

Reg. No: 00650

Session: 2019-2020

**A thesis submitted in the partial fulfillment of the requirements for the degree of Masters of Science in Agricultural Economics**

**Department of Agricultural Economics and Social Sciences**

**Faculty of Veterinary Medicine**

**Chattogram Veterinary and Animal Sciences University**

**Khulshi, Chattogram-4225, Bangladesh**

**JUNE 2020**

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**A.M.M. Golam Mortuza**

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**JUNE, 2020**

**PLAGIARISM VERIFICATION**

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**DEDICATION**

***I dedicate this small piece of work to***

***my beloved parents***

**ACKNOWLEDGEMENT**

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**The Author**

LIST OF CONTENTS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Contents Page No.** | | | | |
| [Authorization](#_Toc494962636)…………………………………..………………………………… | | | **ii** | |
| [Acknowledgement](#_Toc494962637)…………………………………………………………....... | | | **v** | |
| [Abstract](#_Toc494962641)………………………………………………………………………… | | | **xii** | |
| **CHAPTER-I** | **INTRDUCTION………………………………………………….** | | **1-4** | |
|  | 1.1: Background of the Study…………………………………….. | | 1 | |
| 1.2: Justification of the study………………………………........... | | **3** | |
| 1.3: Objective of the study…………….......................................... | | **3** | |
| **CHAPTER-II** | **REVIEW OF LITERATURE …………………………………..** | | **5-17** | |
| 2.1: Related Research…………………………………………….. | | **5** | |
| 2.2: Socio-economic status of the farmers………………………... | | **5** | |
| 2.2:1 Land………………………………………………………… | | **5** | |
| 2.2.2: Educational level…………………………………….......... | | **6** | |
| 2.2.3: Occupational status……………………………………….. | | **6** | |
| 2.2.4: Monthly household income………………………………. | | **7** | |
| 2.2.5: Livelihood Impact………………………………………… | | **7** | |
| 2.3 : Farming system and managemental practices of poultry farm ... | | **8** | |
| 2.3.1: Farming system concepts and definitions……………….. | | **8** | |
| 2.3.2: Poultry farming systems in Bangladesh………………… | | **8** | |
| 2.3.3: Management systems in intensive poultry production..... | | **9** | |
| 2.3.4: Poultry environment and housing…………………….... | | **10** | |
| 2.3.5: Beak trimming………………………………………….. | | **14** | |
| 2.3.6: Waste handling……………..…………………………. | | **15** | |
| 2.3.7: Record keeping……………………………………….. | | **15** | |
| 2.3.8: Farm profitability oriented research works …………… | | **16** | |
|  | 2.3.9: Marketing oriented research works…………………… | | **17** | |
|  |  | |  | |
|  |  | |  | |
| **Contents Page No.** | | | |
| **CHAPTER -III** | | **METHODOLOGY OF THE STUDY…………………………..** | **18-19** |
| 3.1: Study area…………………………………………………….. | **18** |
| 3.2: Study period………………………………………………….. | **18** |
| 3.3: Population and sample size………………………………….. | **18** |
| 3.4: Sampling methods…………………………………………… | **19** |
| 3.5: Data collection………………………………………………. | **19** |
| 3.6: Data analysis………………………………………………… | **19** |
| **CHAPTER-IV** | | **RESULT DISCUSSION………………………………………..** | **20-41** |
|  | | 4.1 Introduction | **20** |
| 4.2 Results of study | **20** |
| 4.2.1: Socioeconomic status of the farmers ..……………... | **20** |
| 4.2.1.1: Types of farmer………………………………………….. | **21** |
| 4.2.1.2: Investment source & bank loan………………………….. | **21** |
| 4.2.1.3: Poultry farm management skill………………………….. | **22** |
| 4.2.1.4 Occupational status of the farm owners …………………… | **22** |
| 4.2.1.5: Sources of drinking water of farmers …………………. | **23** |
| 4.2.1.6: Condition of sanitary latrines ..........................…………… | **24** |
| 4.2.1.7 Health status of farmers ………………………………....... | **24** |
| 4.2.1.8 Monthly household income and expenditure..................... | **25** |
| 4.2.1.9 Current savings and investment Conditions ……………… | **25** |
| 4.2.1.10: Conditions of school-going children ………………....…. | **25** |
| 4.2.1.11 Poultry population and flock size of selected farms ............ | **26** |
|  | | 4.2.1. 12 Vaccination program adopted by the Farmers .................. | **27** |
|  | | 4.2.1.13 Marketing information of Broiler of the farmers ............... | **27** |
|  | | 4.3 Performances of broiler chickens of the farms ......................... | **28** |
|  | | 4.4 Measures of performance efficiency in broilers.......................... | **28** |
|  | | 4.4.1 Body weight & Feed intake .................................................... | **29** |
|  | | 4.4.2: Farm wise Feed Efficiency or Feed Conversion Ratio......... | **29** |
|  | | 4.4.3 Mortality rate .......................................................................... | **30** |
|  | | 4.4.4 Livability................................................................................ | **30** |
|  | | 4.4.5: Broiler Performance Efficiency Factor (BPEF)..................... | **31** |
|  | | 4.4.6 Broiler Farm Economy Index (BFEI): ................................... | **32** |
|  | | 4.5 Cost and Return Cost of Production broiler..................... | **32** |
|  | | 4.5.1 Cost of rearing per bird.......................................................... | **32** |
|  | | 4.5.2 Parameters to compute the cost of production of broiler.. | **33** |
|  | | 4.5.3 Estimation of per bird cost of broiler farming............. | **33** |
|  | | 4.5.4 Per bird return of broiler farming............................................. | **36** |
|  | | 4.5.5 Benefit Cost Ratio (BCR).............................................. | **38** |
|  | | 4.6 Data Analysis......................................................................... | **38** |
| **CHAPTER-V** | | **PROBLEMS AND PROSPECTS OF BROILER FARMING.** | **42-46** |
|  | | 5.1: Problems of broiler farming in Birampur Upazila…….. | **42** |
|  | | 5.1.1: Fluctuate price of chicks and live broiler……………...... | **42** |
|  | | 5.1.2: Variability in chick……………………………………… | **42** |
|  | | 5.1.3: Variability in feed quality………………………………. | **43** |
|  | | 5.1.4: Marketing system………………………………………. | **43** |
|  | | 5.1.5: Summer stress affecting productivity and survivability… | **43** |
|  | | 5.1.6: Treatment of diseases…………………………………… | **43** |
|  | | 5.1.7: Insufficient bank loan…………………………………... | **43** |
|  | | 5.1.8: Lack of quality vaccine………………………………… | **44** |
|  | | 5.1.9: National policy………………………………………….... | **44** |
|  | | 5.1.10: Impact of COVID-19 on Broiler farming……………….. | **44** |
|  | | 5.2: Prospects of broiler farming………………………,,,……. | **45** |
|  | | 5.2.1: Generate additional income………………………………. | **45** |
|  | | 5.2.2: Profitable Cash earning business ........................................... | **46** |
|  | | 5.2. 3: Treat as profession............................................................ | **46** |
|  | | 5.2.4: Treat broiler as an industry………………………...... | **46** |
|  | | 5.2.5: Need less and short duration capital……………………. | **46** |
|  | | 5.2.6: Increase importance of Broiler Farming in Bangladesh…… | **46** |
| **CHAPTER-VI** | | **CONCLUSIONS AND RECOMMENDATIONS..........................** | **47-48** |
|  | | Conclusions…………………………………………………. | **47** |
|  | | Recommendations………………………………………….. | **48** |
| **CHAPTER-VII** | | **REFERRENCES………………………………………………..** | **50-56** |
| **Biography** | | | **57** |
| **Appendix** | | | **58-59** |

# LIST OF TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| Table No |  | Contents | Page No. |
| Table -1 | : | Variation in size of small farms in Bangladesh | 6 |
| Table -2 | : | Educational status of farmers | 6 |
| Table -3 | : | Feeder space requirement per bird | 13 |
| Table -4 | : | Amount of water required and watering space for chicken | 13 |
| Table -5 | : | Methods of beak trimming at different age of layer chicken | 14 |
| Table-6 | : | Distribution of Broiler farmer’s as per their land holdings. | 21 |
| Table-7 | : | Investment source & bank loan. | 21 |
| Table-8 | : | Management skill of farm | 22 |
| Table-9 | : | Occupational status of respondents | 23 |
| Table-10 | : | Source of drinking water | 23 |
| Table-11 | : | Condition of sanitary latrines | 24 |
| Table -12 | : | Health status of farmers | 24 |
| Table -13 | : | Conditions of school-going children | 25 |
| Table- 14 | : | Distribution of broiler farms as per flock size and number of birds. | 26 |
| Table- 15 | : | Vaccination program adopted by the farmers to the bird. | 27 |
| Table- 16 | : | Flock wise marketing information per bird of the broiler farms. | 28 |
| Table -17 | : | Performances of broiler chickens of the farms | 29 |
| Table-18 | : | Parameters to compute cost of production per broiler bird. | 33 |
| Table-19 | **:** | Flock wise cost per bird of broiler farming enterprises in Dinajpur District. | 34 |
| Table-20 | **:** | Flock wise returns per bird of broiler farming enterprises in Dinajpur District. | 36 |
| Table-21 | **:** | Descriptive statistics of different parameters/variables per bird. | 39 |
| Table-22 |  | Distribution of all variables across the flock size. | 39 |
| Table-23 |  | Flock Size Wise Pearson’s correlation between body weight and other covariates. | 40 |
| Table-24 |  | Flock size wise Parameter estimates of body weight and other covariates | 41 |

# LIST OF FIGURE

|  |  |  |  |
| --- | --- | --- | --- |
| Figure No |  | Contents | Page No. |
| Figure -01 | : | Location of the study area | 18 |
| Figure-02 | : | Data collection from farmer | 19 |
| Figure-03 | : | Graphical presentation of source of drinking water | 24 |
| Figure-04 | : | Graphical presentation of Distribution of broiler farms | 26 |
| Figure-05 | : | Graphical presentation of flock wise body weight and feed intake | 29 |
| Figure-06 | : | Graphical presentation of flock wise per bird FCR of broiler. | 30 |
| Figure-07 | : | Graphical presentation of flock wise rate of liability and mortality of broiler | 31 |
| Figure-08 | : | Graphical presentation of flock wise BPEF and BFEI of broiler | 31 |
| Figure-09 | : | Graphical Presentation of cost of production per bird of broiler | 35 |
| Figure-10 | : | Graphical presentation of per bird cost and returns of broiler | 37 |
| Figure-11 | : | Graphical presentation of BCR of Broiler Farming | 38 |

**ABSTRACT**

The study was conducted to perceive the variations in socio-economic conditions of broiler farmers in Birampur upazilla under Dinajpur district. A total of 45 commercial broiler farms were selected. The study was carried out from 15 January to 15 June, 2020. The farmers and farming were evaluated through the analysis of data that were collected in a pre-structured questionnaire. The study was carried out in respect of socioeconomic status of the broiler farmers and estimated the farm profitability per bird of each flock in the study area.

This study also revealed that comparatively rich farmers (46.66% had 4.94 acre of land) were involved in farming. There were variations in source of investment (26.66% own, 53.34% bank loan, 11.11% from money lenders with interest and 8.89% from money lenders without interest), farming as an occupation for the farmers (40% main and 60% subsidiary occupation), sources of drinking water (80% have own tube-well), latrine condition (73.33% have sanitary latrine) and health status of the farmers (33.33% good, 53.34% moderate and 13.33% poor). The average number of children per farmer attends to primary school, high school, college, university and out of educational institution were 42.86%, 35.71%, 14.29%, 5.71% and 1.43% in case of boys and 46.15%, 28.85%, 11.54%, 3.85% and 9.61% in case of girls, respectively.

The result also showed that the overall broiler farming practices in Birampur Upazila is profitable and it was found higher in the farms under flock size-2. The average feed intake was almost same and found in average 3.27 kg. The average FCR was found 1.65 where it was found highest 1.67 in flock-1 whereas it was lowest 1.63 in flock-2 that indicates flock-2 is found better than'-other two flocks. The average mortality and livability rate was found 2.81% and 97.19% whereas Broiler performance efficiency factor and Broiler Farm Economy Index were found 120.45 and 3.34 respectively.

The overall cost per bird of selected the farms was found Tk. 158.01 and the overall gross return Tk. 257.45 and the net profit per bird was found Tk. 99.44. The flock wise total cost and gross margin per bird were accounted in Tk.158.37, Tk. 157.71, Tk.157.94 and Tk. 97.14, Tk. 107.38, Tk.103.07 respectively. The flock wise benefit cost ratio were found 1.59, 1.66 and 1.63 as a whole it was accounted as 1.63 which indicates broiler farming is a profitable farm business in the study areas.

The study found that farmers always felt threatened to rear broiler due to various problems they faced. Though the possibility of broiler farming was found to be high but facility was found to be very low. The study concluded that broiler farming is profitable and it has the potentials for economic empowerment, animal originated food/nutrition security and sustainable rural development if major challenges are addressed by the all stakeholders.

**Key words:** Socioeconomic profiles, broiler farms, broiler farmers, farm profitability, problems and

prospects.