

**Socio-Economic Condition of Farmers and Management Practices in Poultry Farming at Chakaria Upazilla in Cox's Bazar District**



A Production Report Presented in Partial Fulfillment of the Requirement  
for the Degree of Doctor of Veterinary Medicine

**A Report submitted by**

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**A Production Report Submitted as per approved styles and contents**

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## LIST OF ABBREVIATIONS

<b>DOC</b>	Day Old Chick
<b>Cm</b>	Centimeter
<b>FCR</b>	Feed Conversion Ratio
<b>FIGG</b>	First Income Goal Group
<b>GDP</b>	Gross Domestic Product
<b>ha</b>	hectare
<b>IIFS</b>	Intensive Integrated Farming System
<b>Km<sup>2</sup></b>	Kilometers square
<b>Max.</b>	Maximum
<b>Min.</b>	Minimum
<b>NGO</b>	Non Government Organization
<b>PPM</b>	Parts Per Million
<b>SE</b>	Standard Error
<b>SIGG</b>	Second Income Goal Group
<b>SLDP</b>	Smallholder Livestock Development Project
<b>UVH</b>	Upazila Veterinary Hospital
<b>CBR</b>	Cost Benefit Ratio
<b>BDT</b>	Bangladesh Taka
<b>BRAC</b>	Bangladesh Rural Advancement Committee

## Abstract

The study was governed to identify the socio-economic condition of the poultry farmers and management practices of poultry farm (broiler and layer) at Chakaria upazilla, Cox's bazar. Total 40 poultry farms (20 broilers and 20 layers) were selected from five unions under Chakaria upazilla. The mean farm size (Number of bird), number of family member, number of educated person per farmer family and amount of land (acre) per farmer were  $4336.84 \pm 541.99$ ,  $6.16 \pm 0.47$ ,  $1.26 \pm 0.23$  and  $3.51 \pm 0.4$  with range; 1500-10000, 3-10, 0-3 and 0.2-5.6 respectively in broiler farms and  $5252.63 \pm 708.61$ ,  $4.79 \pm 0.27$ ,  $1.37 \pm 0.21$  and  $4.1 \pm 0.45$  with range; 1200-1000, 3-7, 0-3 and 0.45-6.3 respectively in layer farm. This study exposed that comparatively rich farmers are more involved in farming, 57.5% of the farmers have their own investment in farming, very few of them have taken training (27.5%), more than half (55%) had taken farming as main occupation, 50 % of the farmer have no loan, most of the farmer (62.5%) have poor level of knowledge about poultry farming but have high managerial skill in 37.5% of the farmer. Although the percentage of illiterate farmer is lower (15%) but number of high educated farmers also minimum. Average number of boys and girls per farm owner attend to primary school 0.7 and 0.5, high school 0.75 and 0.45, college 0.1 and 0.07 and university 0.01 and 0.01 respectively. About 30% of the farmers have good health status. Per bird annual Cost Benefit Ratio is higher in the layer farming (1:1.66) in comparison with broiler (1:1.17), hence it is revealed that layer farming is more profitable. The outcome of this study is that, management practices of layer farms are somewhat better than broiler farm.

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**Key words:** Poultry farming, socio-economic condition, management, cost benefit ratio.