

PROFITABILITY AND ECONOMIC EFFICIENCY OF COMMERCIAL POULTRY FARMS IN GAZIPUR SADAR THANA

Major Professor and Supervisor: Dr. Joynal Abedin

Author Name: Subhash Chandra Sarker

Reg. No.: 94-08-315

Defense Term: Autumn, 1997

ABSTRACT

The present study was undertaken to describe the production practices of the commercial poultry farms and to assess the profitability of the poultry farms. The study also attempted to determine technical, allocative and economic efficiency and to identify problems associated with commercial poultry farming. For achieving the objectives, the study was conducted on 30 poultry farms of Gazipur sadar thana, of which 14 were considered as small, 10 as medium and 6 as large farm. The study covered one year time (1st July 1995-30 June, 1996). Tabular, statistical and econometric methods were used for analyzing the data. The study reveals that total costs per poultry bird per year was the highest for small farms (Tk. 554.54) and lowest for large farms (Tk. 487.33). On the return side, net returns per TK. invested on the basis of cash costs and full costs were Tk. 0.63 and 0.36 for small farms, Tk. 0.70 and Tk. 0.42 for medium farms, and Tk. 0.75 and Tk. 0.51 for large farms, respectively. The study also indicates that the large poultry were most profitable compared to others. It is revealed from the study that technical efficiency of the poultry farms was 0.92 and overall allocative efficiency was 0.69. The economic efficiency of the poultry was estimated 0.62. So, there was a chance to increase gross revenues of the farms with available resources. Finally, the study identified some problems relating to poultry farming, such as non-availability of feed, high price of feed, non-availability of chicks, etc.