

A Study on Pigeon farming system in Hakimpur Upazila of Dinajpur District



By:

Md. Nahid Imtiaz Chowdhury

Roll No: 15/04

Reg. No: 01417

Intern ID: 04

Session : 2014-15

A Production Report Presented in Partial Satisfaction of the Requirements
for the Degree of

Doctor of Veterinary Medicine (DVM)

Faculty of Veterinary Medicine

**Chattogram Veterinary and Animal Sciences
University**

**Khulshi, Chattogram-4225, Bangladesh
September, 2020**

A Study on Pigeon Farming system In Hakimpur Upazila of Dinajpur District



A Production Report Submitted as per Approved Styles and Contents

Signature of Author

Md. Nahid Intiaz Chowdhury

Roll No: 15/04

Reg. No: 01417

Intern ID: 04

Session: 2014-15

Signature of Supervisor

Dr. Mrs. Jannatara Khatun

Professor

Department of Animal Science and Nutrition

Chattogram Veterinary and Animal Sciences

University

Faculty of Veterinary Medicine

**Chattogram Veterinary and Animal Sciences
University**

**Khulshi, Chattogram-4225, Bangladesh
September, 2020**

Acknowledgements

All praises are due to the Almighty Allah, the creator and supreme authority of the universe, have been enabled the author to accomplish this work.

The author would like to express his deep sense of gratitude and thanks to his supervisor **Professor Dr. Mrs. Jannatara Khatun**, Professor, Department of Animal Science and Nutrition, Chattogram Veterinary and Animal Sciences University, whose encouragement and supports helps for the completion of the report.

The author wishes to acknowledgement to **Professor Dr. Abdul Ahad**, Dean, Faculty of Veterinary Medicine, **Professor Dr. A. K. M. Saifuddin**, Director of External affairs, Chattogram Veterinary and Animal Sciences University.

The author also grateful to **Dr. Ratan Kumar Ghosh**, Veterinary Surgeon, Hakimpur, Dinajpur for giving me opportunity to work during internship working period.

The Author,

September, 2020

Abstract

A survey was carried out to investigate the pigeon farming system in Hakimpur Upazila under Dinajpur district during the period of August 2019 to March 2020. Data were collected from 10 farmers randomly. A questionnaire was developed to collect data from the selected farms located in Hakimpur Upazila. Collected data were different breeds, housing, feeding, management, marketing of pigeon, diseases and problems of farming. There were 8 different breeds of pigeon in the ten farms. Average cost of housing per bird was 46 taka and average height of house was 3.6 m. The average feed intake was 37gm per bird per day. The production from one pair of pigeon were about 9-10 pairs per year. The average body weight of squab was found about 350gm to 400gm at 30 days of marketing age. The selling prices were ranges from 150 to 200 taka per squab. The common diseases were observed as fowl Pox, Newcastle disease, salmonellosis and mineral deficiency affected the birds. The average mortality rate was 6%. Around 25% farms were vaccinated by Baby Chick Ranikhet Disease Vaccine and fowl Pox vaccine. Most of the pigeon farmers rear pigeon in small scale scavenging system with supplementary feeding.

Keywords: Pigeon farming, Housing, Feeding, Marketing, Hakimpur

TABLE OF CONTENTS

Chapter	Contents	Page No.
01	Introduction	01-03
02	Review of Literature	04-05
03	Materials and Methods	06
04	Results	07-14
	4.1. Educational level of pigeon owner	07
	4.2. Different types of feed supplied to the pigeon	07
	4.3. Disease incidence and Vaccination status	08
	4.4. Farm owners, pigeon breed, rearing time, number of pigeons	09
	4.5. Bird performance and mortality	10
	4.6. Cost benefits analysis of the pigeon farms	12
05	Discussion	15-16

06	Conclusion	17
	References	18-21
	Appendix	22-26
	Biography	27

