

Manual on Avian Production and Management

For B.V.Sc. & A.H. students
as per syllabus of Veterinary Council of India

Important features of this book :

1. It is written strictly for B.V.Sc. & A.H. students of veterinary colleges/universities all over India, as per the syllabus of Veterinary Council of India.
2. The practical lessons have been organized and presented in such a manner that it can be used as a Practical Note Book.
3. Large number of objective questions given at the end of each activity unit (practical lesson) is an additional attraction of the book, as the students can prepare themselves for the short tests as well as external examination under VCI pattern.
4. This manual would be of great help to the concerned students as well as the persons engaged in this field, especially for offering training in Poultry Farming.

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Tel. : 91-522-2209542, 2209543, 2209544, 2209545
Fax : 91-522-4045308; E-mail : ibdco@airtelbroadband.in

Jacket Design : Dot & Line, Tel. : 91-522-2622417, Mob. : 09415349259



ISBN 81-8189-253-4

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Published by

INTERNATIONAL BOOK DISTRIBUTING CO.

(Publishing Division)

Khushnuma Complex Basement

7, Meerabai Marg (Behind Jawahar Bhawan)


Lucknow 226 001 U.P. (INDIA)

Tel. : 91-522-2209542, 2209543, 2209544, 2209545

Fax : 0522-4045308

E-Mail : ibdco@airtelbroadband.in

First Edition 2008

Price  ~~₹225/-~~

ISBN 81-8189-253-4

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Composed & Designed at :

Panacea Computers

3rd Floor, Agarwal Sabha Bhawan, Subhash Mohal

Sadar Cantt. Lucknow-226 002

Phone : 0522-2483312, 9335927082, 9452295008

E-mail : prasgupt@rediffmail.com

Printed at:

Salasar Imaging Systems

C-7/5, Lawrence Road Industrial Area

Delhi - 110 035

Tel. : 011-27185653, 9810064311

FOREWORD

The purpose of preparation and presentation of this **Manual on Avian Production and Management** appears to provide useful guidelines to the veterinary students for different practical lessons under the pattern of Veterinary Council of India. As such I feel that this manual would be of great help to the concerned students as well as the persons engaged in this field specially for offering training in Poultry Farming.

The contents of this manual have been prepared in simple language and as per the VCI syllabus. All the practical points in Poultry Management have been nicely highlighted in this text. The practical lessons have been organized and presented in such a manner that it can be used as a notebook for all practical purposes.

The efforts of the authors deserve appreciation, and I hope that because of its contents and style of presentation this manual would become quite popular amongst students as well as persons working in the field of Poultry Husbandry. It is my pleasure to recommend this manual to be used by the students and trainees of Veterinary Science and Animal Husbandry.

Dated: Kolkata

4th April, 2008



(Prof. C.S. Chakrabarti)
Vice Chancellor

West Bengal University of
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Kolkata, West Bengal

PREFACE

About this book

- This manual has been prepared strictly on the basis of syllabus framed by Veterinary Council of India, the apex body for veterinary education in India. Such type of VCI syllabus oriented book is rarely available in India.
- The matters are presented in such a way that this manual can be used as a practical notebook.
- Large number of objective questions given at the end of each activity unit (practical lesson) is an additional attraction of the book, as the students can prepare themselves for the short tests as well as external examination under VCI pattern.

Who will be benefited?

- This manual is primarily meant for the **undergraduate veterinary students** (B.V. Sc. & A.H.) all over India.
- This book will also help the concerned teachers/demonstrators of all veterinary colleges of India for offering this course.

Acknowledgement

It is our immense pleasure that the book entitled 'Manual on Avian Production and Management' ultimately came to light. The information received from various sources are greatly acknowledged. Our sincere thanks are due to Suneel Gomber, Managing Partner, **INTERNATIONAL BOOK DISTRIBUTING CO.** (Publishing Division), Lucknow for accepting the manuscript and quick publishing the book. We shall be grateful for any suggestion and observation from readers and actual users (both students and teachers), which would help in bringing out a revised and improved version of this title. Suggestions may please be sent at the e-mail: gnilotpal@yahoo.com.

Authors

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Activity Unit - 1

Date.....

Holding and Control of Poultry and Study of External Body Parts

OBJECTIVES

- The knowledge of holding and control of poultry helps to handle the birds properly for various purposes.
- The knowledge of external body parts helps in
 - (a) studying the breed characteristics and identifying breeds of poultry,
 - (b) selection and culling of birds (layer vs. non-layer),
 - (c) identification of sexes (male vs. female), and
 - (d) proper application of poultry husbandry practices.

REQUIREMENTS

- (i) Live birds (both sexes of chicken), (ii) Catching hook, (iii) Working table, (iv) Note book and pencil.

PROCEDURE

I. Holding and Control of Bird

- The bird is to be caught from the poultry house by putting catching hook to the leg or by grabbing the legs with the help of hand.
- Then it is to be held by grasping the two wings, and be placed on working table after entangling its wings to each other at the base to restrict its movement.
- Then the bird is to be held in such a way that its abdomen rests on the palm of the hand by placing the index finger in between the legs, the thumb around one thigh and the remaining fingers on the other thigh, and the rear part of the bird should be away from the body of the operator to avoid soiling, if any.
- When the bird is lifted in this manner for studying of body parts and other purposes, it will be in comfortable position. If the bird struggles, thighs are to be grasped firmly and it will be under complete control.

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