Sheep Production

in Tropics and Subtropics

S.K. Kaushish

SCIENTIFIC PUBLISHERS

Sheep Production in the Tropics and Subtropics

S. K. Kaushish

SCIENTIFIC PUBLISHERS
Research · Publish · Inspire

Published by
SCIENTIFIC PUBLISHERS (INDIA)
5 A, New Pali Road, P.O. Box 91
Jodhpur 342 001 (INDIA)
E-mail: info@scientificpub.com
Website : http://www.scientificpub.com

Print : 2019

ISBN : 978-81-72330-72-9 [HB]
ISBN : 978-93-88449-22-9 [E/B]

Print in India

PREFACE

The aim of this book is to collect all available informations about sheep production to improve traditional methods. Most of the previous sheep books have concentrated on wool, but the emphasis in the present book is more in lamb with trend of the increasing importance of meat and milk from sheep.

It is hoped that this book will be able to fill a gap in the literature for the students of sheep production, working for their graduate and post-graduate degrees in the field of veterinary and agricultural sciences. It is hoped that the book should also meet the need of the great number of those with veterinary and agricultural degrees in every walk of life-farmers and advisors alike. It is also hoped that it will provide reference materials and additional self study guide for research workers and veterinary practitioners.

I am indebted to many colleagues who have made the writing of this book possible, in particular to staff colleagues who have shared the burden of some of the development work reported. Parts of the draft at various stages were read by kind colleagues Dr. J. P. Mittal, Dr. B. D. Sharma, Dr. N. D. Yadav, Sh. Shiv Prasad and Sh. P. M. Singh.

I am finally thankful to my wife and my children who provided assistance in all sorts of ways.

Bikaner **S. K. KAUSHISH**

FOREWORD

Agriculture and Animal Husbandry are two fundamental basis of our economy. Advances have been made in agricultural sciences, which resulted in increase in income. This improvement increased problems in animal husbandry. Sheep husbandry was given maximum emphasis during fourth-five year plan. Central Sheep and Wool Research Institute was established in the state of Rajasthan in 1962. Some exotic breeds of sheep were imported in sixties for cross breeding native sheep for increased mutton and wool production. All India Coordinated Research Projects for fine wool and mutton were started. The objective of AICRP on sheep for mutton was to produce sheep which would weigh 30 kg at 6 months of age. Karakul was imported for increasing pelt production.

The subject of sheep production and management was introduced in many agricultural universities at graduate and post-graduate levels. Many books have been written by foreign authors and we have been copying them. The climate of this region being different from that of those countries, these are far away from realities under our conditions. Very few books have been written on sheep management under tropical and subtropical conditions. These are not according to the syllabi being followed in agricultural universities. The author has written this book keeping in view the requirements of undergraduate and post-graduate students of sheep production which is a rare combination.

This book will be useful not only for students but also for the teachers farm managers and planning officers alike. Dr. Kaushish had been associated with sheep research and teaching for the last 20 yrs. It is hoped that this book will be able to help students, teachers and researchers alike.

R. M. ACHARYA
Deputy Director General (Animal Sciences)
Indian Council of Agricultural Research
New Delhi.

CONTENTS