

# The Complete Book on Beekeeping and Honey Processing (2nd Revised Edition)

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Beekeeping is the maintenance of honey bee colonies, commonly in hives, by humans. Bees are accommodated in artificial lives where they live comfortably within easy reach of the bee keeper for examination and extraction of surplus honey, after keeping of sufficient honey in the combs for the bees. Honey is a product of bees, which gather sugar containing nectars from flowers. Honey should be processed as soon as possible after removal from the hive. Honey processing is a sticky operation, in which time and patience are required to achieve the best results. Careful protection against contamination by ants and flying insects is needed at all stages of processing. Bee honey is natural, unrefined food consumed as much in fresh or canned state. It is readily assimilated and is more acceptable to the stomach, particularly in the case of ailing persons, than cane sugar. It is an antiseptic and is applied to wounds and burns with beneficial results. Honey collection and its marketing in India are still not fully organised. The main uses of honey are in cooking, baking, as a spread on breads and as an addition to various beverages such as tea and as a sweetener in commercial beverages. Honey is the main ingredient in the alcoholic beverage mead, which is also known as honey wine or honey bear, honey is also used in medicines. A number of small scale industries depend upon bees and bee products. Honey and bee products find use in several industries which are under; pharmaceuticals, meat packing, bees wax in industries, bee venom, royal jelly, bee nurseries, bee equipments and hives etc. There is considerable demand for the honey and other products. Outside the thousands of homemade recipes in each cultural tradition, honey is largely used on a small scale as well as at an industrial level.

Some of the fundamentals of the book are history of beekeeping in India present, all India co ordinate research project on honey bee research and training, future plan for development, the pattern of beekeeping today, development of beekeeping equipments, beekeeping industry and honeybee species, bee hive products, medicinal properties of honey, bees and agriculture, pesticidal poisoning to honeybees, handling bees, queen rearing and artificial queen, beekeeping and ancillary industries, honey based industries, honey in pharmaceuticals, honey in meat packing, beeswax in industries, bee stings precautions and treatment.

The book contains the steps of bee keeping in proper manner and details of honey processing. This book is an invaluable resource for new entrepreneurs, technocrats and also for established enterprises.

## Contents

1. HISTORY OF BEEKEEPING IN INDIA PRESENT  
STATUS AND FUTURE  
HISTORY OF BEEKEEPING IN INDIA

Beekeeping Extension  
Khadi and Village Industries Commission  
State Khadi and Village Industries Board  
Directly Aided Organisation  
All India Beekeepers' Association (AIBKA)  
BEEKEEPING RESEARCH  
Department of Agriculture and Colleges  
Apicultural Research Laboratory, Mahabaleshwar (M.S.)  
Central Bee Research and Training Institute (KVIC)  
All India Co-ordinated Research Project on Honey Bee Research and Training  
Punjab Agricultural University  
Other Apicultural Departments  
TRAINING IN BEEKEEPING  
MARKETING OF BEE-PRODUCTS  
PRESENT STATUS  
Extension  
Research  
Training  
Marketing  
CONSTRAINTS  
FUTURE PLAN FOR DEVELOPMENT  
The Changing Scenario Under KVIC  
Indian Council of Agricultural Research  
NATIONAL BEE BOARD  
Action Plan  
Extension  
Research  
Training and Education  
Marketing  
2. WORLD SCENARIO IN BEEKEEPING  
THE PATTERN OF BEEKEEPING TODAY  
RACE OF HONEYBEES  
Dark bees, *A. mellifera mellifera* L.  
Italian bees, *A. mellifera Ligustica* Spin  
Carniolans. *A. mellifera carnica* (Pollmann)  
Caucasian, *A. mellifera caucasica* Gorb  
HONEY PRODUCTION  
BEEKEEPING IN EUROPE  
GRADING, PACKING AND MARKETING OF HONEY  
INJURY TO HONEYBEES BY POISONING  
3. BEEKEEPING IN INDIA – ROLE OF KVIC  
KVIC  
GROWTH OF BEEKEEPING UNDER KVIC  
Organisational Set Up of Beekeeping Under KVIC  
Growth of Beekeeping in Different States/Areas  
DIRECTORATE OF BEEKEEPING  
ORGANISATIONAL SET UP UNDER CBRTI, PUNE  
Apiculture  
Development of Beekeeping Equipments:  
Role of RBRCs/FOS  
Introduction of Exotic Bees  
Entomology  
Bee Pathology

Bee Botany and Melletopalyonology

Bee Pollination

Queen Rearing and Bee Breeding

Rock Bee

Bee Chemistry

Training

Bee Library

4. BEEKEEPING RESEARCH SET-UP,  
ACHIEVEMENTS AND FUTURE STRATEGIES  
RESEARCH ACHIEVEMENTS AND FUTURE  
STRATEGIES

Beekeeping Industry and Honeybee Species

BEE FLORA

EQUIPMENT AND MANAGEMENT

GENETICS AND BREEDING

DISEASES & ENEMIES

POLLINATION OF CROPS

HONEYBEE PRODUCTS

PESTICIDAL POISONING

5. MAJOR CONSTRAINTS IN BEEKEEPING

BEEKEEPING WITH APIS CERENA INDICA AND  
APIS MELLIFERA

THE MAJOR CONSTRAINTS FOR THE  
DEVELOPMENT OF BEEKEEPING IN INDIA  
ARE AS FOLLOWS

Using the Correct Species for Beekeeping

Availability of Genetically Superior Queens  
for Increased Honey Production

Lack of Technical Knowledge for Efficient  
Management of Colonies for High Honey Yields

Lack of Infrastructure at the Grass Roots and National Level for Beekeeping

Poor Quality Control for the Production of Honey

Emphasis on Production of Honey Instead of other Bee Products

Bees Wax

Pollen

Propolis

Bee Venom

Royal Jelly

Disease Prevention, Control and Analysis

Lack of Sufficient Financial Help from Government  
and Lending Institutions for the Development of  
Beekeeping

No Tax or Other Monetary Benefits for Beekeeping

No Control on the Use of Pesticides by Farmers  
Leading to Death of Bee Colonies in Field Locations

Pricing Structures for Honey

Lack of Finances for Packers or Beekeepers to be  
Able to Store Honey

Beekeeping Being not Recognized as a Priority Agricultural Activity and Getting Governmental  
Support

There is No Promotion of Mass Planting of  
Bee Flora

Apiculture not Being Recognized as a

Specific Field

Lack of Consumer Awareness of Honey  
and its Products

Beekeeping not Being Considered as  
an Employment Generation Activity

CONCLUSION

6. BEES AND THEIR ECONOMIC IMPORTANCE

WILD BEES

SPECIES OF HONEYBEES

7. MORPHOLOGY, ANATOMY, COLONY ORGANIZATION AND LIFE CYCLE

MORPHOLOGY

ANATOMY

COLONY ORGANIZATION

DEVELOPMENT

POINTS OF CASTE DISTINCTION

8. BEEKEEPING EQUIPMENTS

LANGSTROTH TEN-FRAME HIVE

NEWTON HIVE

OTHER BEEKEEPING EQUIPMENTS

EQUIPMENTS FOR HANDLING BEES

9. SEASONAL ACTIVITIES AND SOCIAL

BEHAVIOUR OF HONEY BEES

SOCIAL BEHAVIOUR OF HONEYBEES

SEQUENCE OF ACTIVITIES IN THE LIFE OF BEES

DIVISION OF LABOUR

COMMUNICATION AND MEMORY OF HONEYBEES

Dance Language

CHEMICAL COMMUNICATION

PHEROMONES

WORKER PRODUCED ODOURS

QUEEN - PRODUCED ODOURS

Inhibition of Queen Rearing and Swarming

Prevention of Worker Ovary Development

Attraction of Drones for Mating

Attraction of Swarms and their Stabilization

Stimulation of Nasonov Pheromone Release

and Worker Foraging

QUEEN ATTRACTIVENESS AND RECOGNITION

Other Pheromones

CONTROL OF REPRODUCTION IN HONEYBEE

COLONIES

Foraging Activities

Nectar

Pollen

Water

Propolis

Maintenance of Nest/Hive Temperature

FORAGING RANGE

WORKING HABITS OF FIELD BEES

SPEED OF FLIGHT

COLONY DEFENCE ACTIVITIES

10. FOOD OF THE HONEYBEES, BEE FLORA

AND HONEY FLOW PERIODS

FOOD OF THE HONEYBEES  
BEE FLORA  
NATURAL AND ORNAMENTAL FLOWERS  
PROPAGATION OF BEE PLANTS  
11. SEASONAL MANAGEMENT OF HONEYBEE COLONIES  
WINTER MANAGEMENT  
Adequate Population of Young Bees  
Stores of Food in a Colony  
Protection from the Humidity and Cold  
(a) Reduced Entrance and Adequate Ventilation  
(b) Winter Packing  
SPRING MANAGEMENT  
SWARMING  
CATCHING THE SWARM  
PREVENTION OF SWARMING  
MANAGEMENT DURING HONEY FLOW  
HONEY EXTRACTION  
SUMMER MANAGEMENT  
MONSOON MANAGEMENT  
POST-MONSOON MANAGEMENT  
CONTROL OVER DESERTION OF BEE COLONIES  
12. MIGRATORY BEEKEEPING  
TRANSPORTATION OF BEE HIVES  
13. DISEASES OF BEES AND THEIR ENEMIES  
VIRAL DISEASES  
Thai Sac Brood Virus  
Apis Iridescent Virus  
Kashmir Bee Virus  
Bee Viruses not Found in India  
BACTERIAL DISEASES  
American Foul Brood  
European Foul Brood  
PROTOZOAN DISEASE  
Nosema Apis  
FUNGAL DISEASES  
MITES  
Acarapis Woodi  
Varroa Jacobsoni  
Tropilaelaps Clareae  
INSECT ENEMIES OF BEES  
Wax Moths  
Greater Wax Moth  
Lesser Wax Moth  
Predatory Wasps  
Black Ants  
BIRDS AND OTHER ENEMIES  
14. BEE HIVE PRODUCTS  
TYPES OF HONEY  
CHEMICAL COMPOSITION  
PHYSICAL PROPERTIES OF HONEY  
HYGROSCOPICITY  
VISCOSITY  
SPECIFIC GRAVITY AND REFRACTIVE INDEX

AROMA AND COLOUR  
HONEY, AN ENERGY FOOD  
Nutritive Value of Honey  
Honey - A Tonic  
Consumption of Honey  
Anti-bacterial Effects  
MEDICINAL PROPERTIES OF HONEY  
Honey as Medicine  
HONEY IN INFANT FEEDING  
HONEY AND DIABETES  
Diabetes  
Composition of Honey  
HONEY IN HOME PREPARATIONS  
Honey Spread  
Honey Water  
Comb Honey  
Honey in Cooking and Baking  
Honey in the Kitchen Angel Biscuits  
Honey Butter  
Apple-Oats-Musli  
Orange-Apple-Musli  
Carrot Salad with Honey  
Comb Lemon Squash  
Honey Mango Squash  
Honey Jam  
Honey Candy  
Honey and Egg  
Honey Ice-cream  
Honey Chocolate  
Honey Chikki  
Honey Jelly  
Honey Soap  
OTHER USES OF HONEY  
GRANULATION  
MOISTURE CONTENT AND FERMENTATION  
Honey Processing  
CONSTRUCTIONAL DETAILS OF THE HONEY PROCESSING UNIT  
WORKING OF THE UNIT  
TIPS TO USE HONEY  
TESTING OF HONEY FOR PURITY  
Pollen  
COMPOSITION  
USES  
BEES WAX  
CHEMICAL COMPOSITION  
PHYSICO-CHEMICAL PROPERTIES  
USES  
EXTRACTION OF WAX  
Extraction Over Boiling Water  
Chemical Bleaching  
By Wax Presses  
15. BEES AND AGRICULTURE  
CROSS-POLLINATION OR OUTCROSSING

BIOTIC POLLINATION  
EFFICIENCY OF POLLINATING BEES  
ORCHARD MANAGEMENT  
PLACEMENT OF HIVES IN ORCHARDS  
LOCATION OF THE HIVES  
ROLE OF BEES IN SUSTAINABLE AGRICULTURE  
AND ENVIRONMENT  
BREEDING BEES FOR POLLINATION OF SPECIFIC CROPS  
POLLINATION REQUIREMENTS OF CROPS  
EFFECT OF INSECT POLLINATION ON  
ENVIRONMENT  
MANAGEMENT DURING POLLINATION  
16. NON-APIS BEE POLLINATORS  
NESTING HABITS  
BEE NESTING MATERIALS  
TRAP-NESTING SOLITARY BEES IN THE  
HUMID AND WET TROPICS  
Material Preparation  
Placement of Artificial Domiciles for Bee Culture  
Bees Commonly Using Trap Nests  
Nest Parasites and Pests  
Recommendations for Future Work  
FORAGING CYCLE IN RELATION TO  
SEASONALITY OF THE HOST PLANTS  
Role of Non-Apis Bee Pollinators in Seed/Fruit  
Production  
PRESENT STATUS OF MANAGEMENT OF  
NON-APIS BEE POLLINATORS  
Conclusions and Future Strategies for Management  
and Conservation of Wild Bee Pollinators  
17. PESTICIDAL POISONING TO HONEYBEES  
HOW ARE BEES EXPOSED TO  
PESTICIDAL HAZARDS  
SYMPTOMS AND EFFECTS OF PESTICIDAL  
POISONING  
PESTICIDES AND THEIR RELATIVE  
TOXICITY TO BEES  
PESTICIDES MOST TOXIC TO BEES  
PESTICIDES VERY TOXIC TO BEES  
PESTICIDES LESS TOXIC TO BEES  
PESTICIDES LEAST TOXIC TO BEES  
REDUCE PESTICIDAL POISONING TO BEES  
CARE OF THE POISONED COLONIES  
PLANT POISONING TO BEES  
18. BEE PASTURAGE  
NECTAR-SUGAR CONCENTRATION  
NECTAR COMPOSITION  
FACTORS AFFECTING NECTAR SECRETION  
BEE FLORA OF INDIA  
Avenue, Amenity and Timber Tree  
Fruits  
Cultivated and Wild Bushes, Shrubs and Field Crops  
Vegetables

Ornamentals

19. QUEEN REARING AND ARTIFICIAL QUEEN

BEE INSEMINATION

SELECTION OF MOTHER STOCK

BIOLOGICAL BASIS OF QUEEN REARING

METHODS OF QUEEN REARING

ARTIFICIAL MATING

INSTINCT OF REPRODUCTION AND RELATED

MANAGEMENT

CONTROL OF REPRODUCTION

QUEEN AND ITS MANAGEMENT

LAYING WORKERS

REPRODUCTION OF SPECIES " SWARMING,

PREVENTION AND CONTROL

MAKING COLONY INCREASE

20. BEEKEEPING AND ANCILLARY INDUSTRIES

BEEKEEPING AND ANCILLARY INDUSTRIES

Honey Based Industries

Honey in Pharmaceuticals

Honey in Meat Packing

Beeswax in Industries

Bee Venom

Royal Jelly

Bee Nurseries

Bee Equipments and Hives

21. HANDLING BEES

INTRODUCTION

BEHAVIOUR OF BEES

WHEN TO MANIPULATE BEES

HOW LONG TO KEEP A HIVE OPEN

DRESS AND PERSONAL HYGIENE

MANIPULATION TECHNIQUES

MANIPULATING DIFFICULT COLONIES

BEE STINGS PRECAUTIONS AND TREATMENT

PRECAUTIONS

IMMEDIATE CARE

BEE VENOM AND ITS MEDICINAL VALUE

STINGING BEES IN WAR FARE

22. MARKETING OF BEE PRODUCTS

23. HONEYBEES - ENVIRONMENTAL QUALITY INDICATORS

24. HONEY ANALYSIS

DESCRIPTION

METHODS OF ANALYSIS AND SAMPLING

MISCELLANEOUS

METHODS OF ANALYSIS

Qualitative Fieche's Test

PROCEDURE

Specific Gravity

PROCEDURE

Water Moisture Content (%)

Total Reducing Sugars

PROCEDURE

Non Reducing Sugars (sucrose)



## PROCEDURE

25. PROMOTION OF BEEKEEPING IN KERALA

26. PROMOTION OF BEEKEEPING IN PUNJAB

HISTORICAL ACCOUNT OF BEEKEEPING

DEVELOPMENT IN PUNJAB

SUPERIORITY OF A. MELLIFERA OVER

INDIGENOUS HONEYBEE

CLIMATIC SUITABILITY

MAJOR BEE FLORA AND THEIR VALUES

TRAINING IN BEE MANAGEMENT

DEVELOPMENT OF BEEKEEPING IN PUNJAB

SPREAD OF A. MELLIFERA IN OTHER STATES

SUBSIDIARY INDUSTRIES AND RURAL ECONOMY

FUTURE PROJECTIONS

MARKETING OF HONEY

OBJECTIVES OF PUNJAB STATE BEEKEEPERS ASSOCIATION

CASE HISTORY OF IMPORTANT BEEKEEPERS

27. BEEKEEPING IN HIMACHAL PRADESH

BEEKEEPING WITH A. MELLIFERA

MIGRATORY BEEKEEPING

DISEASES AND ENEMIES OF A. MELLIFERA

PROBLEMS FACED BY BEEKEEPERS OF

HIMACHAL PRADESH

HONEY : MEDICINE FOR HEALTH, FRESHNESS & BEAUTY

28. CONCLUSIONS AND FUTURE STRATEGIES

29. BEE FORAGE IN INDIA

30. PLANT & MACHINERY PHOTOGRAPHS

31. ADDRESSES OF PLANT & MACHINERY SUPPLIERS

## About NIIR

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