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

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Description

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 part 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 beverages mead, which is also known as honey wine or honey beer, honey is also used in medicines. A number of small scale industries depend upon bees and bee products. Honey and bees 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.

Content

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

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