

Aromatic Plants Cultivation, Processing and Uses

Author:- H. Panda

Format: paperback

Code: NI120

Pages: 504

Price: Rs.975US\$ 100

Publisher: NIIR PROJECT CONSULTANCY SERVICES

Usually ships within **5** days

Aromatic plants have essential or aromatic oils naturally occurring in them. They help heal mental ailments and other diseases. India is endowed with a rich wealth of medicinal plants. Aromatic (Aroma Producing) plants are those plants which produce a certain type of aroma. Their aroma is due to the presence of some kind of essential oil with chemical constituents that contain at least one benzene ring in their chemical configuration. The chemical nature of these aromatic substances may be due to a variety of complex chemical compounds. These plants have made a good contribution to the development of ancient Indian material medica. In recent years, there has been a tremendous growth of interest in plant based drugs, pharmaceuticals, perfumery products, cosmetics and aroma compounds used in food flavors and fragrances and natural colors in the world. There is a definite trend to adopt plant based products due to the cumulative derogatory effects resulting from the use of antibiotic and synthetics and except for a few cultivated crops, the availability of plant based material is mainly from the natural sources like forests and wastelands. There is a need to introduce these crops into the cropping system of the country, which, besides meeting the demands of the industry, will also help to maintain the standards on quality, potency and chemical composition. During the past decade, demand for aromatic plants and its products has attracted the worldwide interest, India being the treasure house of biodiversity, accounts for thousands of species which are used in herbal drugs. 90% of herbal industry requirement of raw material is taken out from the forests.

Some fundamentals of this book are botanical description of the plant, genetic improvement, harvesting, intercropping, transplantation, irrigation and weeding, vanilla cultivation in India, commercial cultivation of vanilla, distillation of herbage for essential oil, effect of growth hormones, jasmine crop improvement & agrotechniques, efforts for new variety of *Jasminum auriculatum*, essential oils of agarwood, *Cinnamomum tamala* leaves, *Eucalyptus citriodora* and *Caultheria fragrantissima*, past and future of sandal wood oil industry, by product development from turmeric and ginger rhizomes, isolation of essential oils and its flavour profile etc.

This book contains most of the important aspects related to aromatic plants. It is being published for those who are interested in growing, processing and trading of aromatic plants.

Tags

Aromatic plants cultivation India, Cultivation of aromatic plants, Aromatic plants farming, Cultivation of aromatic crops, List of aromatic plants in India, Names of aromatic plants, Aromatic plants, Processing of Aromatic Plants, Extraction of essential oils from aromatic plants,

Extraction of essential oils by steam distillation, Essential oil extraction methods, How Are Essential Oils Extracted?, Essential oils, Extraction of Volatile Oil from Aromatic Plants, Steam distillation procedure, How to extract plant oils by distillation?, How to extract oil from plants?, List of aromatic plants and their uses, List of Important Aromatic Plants, Multiple Uses of Aromatic Plants, Commercial cultivation of aromatic plants

1. Cultivation of *Tagetes Minuta*

Botanical description of the plant

Genetic improvement

Agrotechnology

Soil and climate

Propagation

Weed control

Fertilizers and manures

Irrigation

Harvesting

Intercropping

Crop rotations

Diseases

Distillation

Chemistry

Distillation unit design availability

2. Cultivation of *Eucalyptus Citriodora*

Description of the plant

Cultivation

Soil and Climate

Preparation of Land

Propagation

Nursery

Transplanting

Weeding

Manures and Fertilizers

Harvesting

Pests and Diseases

Distillation

Yield

Chemical Constituents

Uses

3. Cultivation of *Rosmarinus Officinalis*

Introduction

Description of the plant

Cultivation

Soil and Climate

Propagation

Transplanting, interculture and fertilizer application

Irrigation

Harvesting

Pests and diseases and their control

Distillation

Oil content and yield

Chemical constituents

4. Cultivation of Coriander Sativum

Description of the Plant

Cultivation

Soil and Climate

Propagation

Irrigation

Harvesting

Pests and Diseases

Distillation

Yield

Chemical Constituents

Uses

Economics of Cultivation

5. Cultivation of Lavender Species

Botany

Soil and Climate

Cultivation

Propagation

Propagation By Seeds

Transplantation

Fertilizer Application

Weeding

Regeneration

Harvesting

Distillation

Oil Content and Oil Yield

Chemical Constituents

Uses

Economics of Cultivation

6. Cultivation of Matricaria Chamomilla

Description of the Plant

Genetics

Cultivation

Soil and climate

Propagation/nursery

Transplantation, irrigation and weeding

Cropping sequence

Pests and diseases

Manures and fertilizers

Harvesting

Collection of seeds

Yield

Drying and storage

Distillation

Yield and characteristics of the oil

Uses

Specification of the drug

Economics of cultivation

7. Vanilla World s second most expensive spice

Vanilla Flower

Vanilla Beans

Vanilla cultivation in India

Commercial Cultivation of Vanilla

Vanilla Extract and Flavourings

Commercial uses of Vanilla

Market for Vanilla

Exports grades and standards

8. Cultivation of Artemisia Annua

Description of the plant

Soil and climate

Propagation

Weed control

Fertilizers and manures

Irrigation

Harvesting

Chemistry and uses

Distillation

Economics of cultivation

9. Cultivation of Mentha Arvensis

Plant descriptors

Available cultivars of menthol mint

Choice of place for cultivation

Land preparation

Preparation of planting material

Production of suckers

Production of seedlings

Planting of suckers in the field

Fertilizer application

Irrigation and drainage

Interculture and weed control

Crop rotation

Intercropping

Harvesting

Yield

Storage of herbage

Pests and diseases

Insect pests

Diseases

Distillation of herbage for essential oil

Directly fired distillation tank

Design availability

Use of mint oil and its derivatives

Economics of cultivation

10. Cultivation of French Basil (*Ocimum Basilicum* L.)

1. European Type

2. Reunion Type

3. Methyl Cinnamate Type

4. Eugenol Type

Botany

Soil and Climate

Field preparation

Propagation

(a) Raising of Nursery

(b) Planting

Irrigation

Fertiliser Application

Interculture

Harvesting and Yield

Agronomical Studies

Physiological Studies

Heavy metal tolerance

Effect of growth hormones

Mineral contents

Seed mucilage studies

Effect of photoperiodism

Biosynthesis of Eugenol

Tissue Culture Studies

Genetical Studies

Chemical Composition

Uses

Cosmetic

Food

Folk medicine

Ayurvedic Properties

11. Jasmine Crop improvement & agrotechniques

New varieties of jasmine

Arka Surabhi

Arka Arpan

Efforts for new variety of *Jasminum auriculatum*

for extraction of essential oil

Constituent of Jasmine essential oil

Agronomy

Plant protection

Water saving, labour saving low cost device for

propagation of plant cuttings

Details of the device

Required materials for the device

Detailed method

Economic viability of growing jasmine for essential oil

12. *Semecarpus Anacardium* L.f.

Introduction

Chemistry of Nuts

13. Himalayan Cedarwood Oil

Essential oil of Deodar (*Cedrus Deodara*)

Essential oil of *Juniperus Recurva* var. *Squamata* and other oils of *Juniperus* spp.

Agarwood and Oil Agarwood

Uses

14. Essential oils of Agarwood, Cinnamomum Tamala Leaves, Eucalyptus Citriodora and Caultheria PrAGRANTISSIMA

Distillation

Gaultheria

Eucalyptus

15. Past and Future of Sandal wood Oil Industry

Plantation and Harvesting

Disease Control

Distillation of Oil

Packing

Problems and their Solutions

Adulteration

Future Prospects

Kewda Industry in Orissa

16. Production Technology and Package of Practices in Chilli

Cultivated Species of Capsicum

Constraints in Chilli Production

Technologies Developed

Disease and Disease Management

Marketing in Chilli

Value Addition in Chilli

17. By Product Development from Turmeric and Ginger Rhizomes

Introduction

By Product Development in Turmeric

Curcumin

Turmeric Essential Oils

Isolation of Essential Oils and its Flavour Profile

By product Development in Ginger

Survey of Raw Material

Essential oils

Oleoresin

Gingerol in Ginger Oleoresin

Starch

Protein

Crude Fibre

Commercial Extraction of Ginger Oleoresin

Process Description for Oleoresins

Oleoresin Quality

Flavour Quality of Ginger Oleoresins

Essential Oils of Ginger

Profile of Flavour in Ginger Cultivars

18. Synthesis of 4 Acetyl 3, 7, 7 Trimethylbicyclo [4, 1, 0]

Hept 3 ene and Related Compounds by Friedel Crafts

Reaction on (+) - Camphor 3 ene

Results and Discussions

1. Synthesis of 4 acetyl 3, 7, 7 trimethylbicyclo [4, 1, 0]

hept 3 ene and its position isomers (II).

2. Synthesis of 4 propionyl 3, 7, 7 trimethylbicyclo [4, 1, 7] hept 3 ene and its position isomers (III).

3. Synthesis of 4 Butyryl 3, 7, 7 trimethylbicyclo [4, 1, 0] hept 3 ene and its position isomers (IV).

Experimental

Fractionation of Turpentine Oil for Isolation

of 3, 7, 7 Trimethylbicyclo [4, 1, 0] hept 3 ene ((+) Car 3 ene (I)).

4 Acetyl 3, 7, 7 trimethylbicyclo [4, 1, 0] hept 3 ene and its position isomers (II).

Separation of IIa, and IIc by Column Chromatography.

4 Acetyl 3, 7, 7 trimethylbicyclo [4, 1, 0] hept 2 ene (IIb)
3 Methylene 4 acetyl 7, 7 dimethylbicyclo

[4, 1, 0] heptane (IIc)

4 Propionyl 3, 7, 7 trimethylbicyclo [4,1,0] hept 3 ene and position isomers (III).

Separation of IIIa, IIIb and IIIc by column Chromatography.

4 Propionyl 3, 7, 7 trimethylbicyclo [4, 1, 0] hept 3 ene (IIIa).

4 Propionyl 3, 7, 7 trimethylbicyclo [4, 1, 0] hept 2 ene (IIIb).

3 Methylene 4 propionyl 7, 7 dimethylbicyclo [4, 1, 0] heptane (IIIc).

4 Butyryl 3, 7, 7 trimethylbicyclo [4, 1, 0] hept 3 ene and its position isomers (IV).

Sederation of IVa, IVb and IVc by column chromatography.

4 Butyryl 3, 7, 7 trimethylbicyclo [4, 1, 0] hept 3 ene (IVa).

4 Butyryl 3, 7, 7 trimethylbicyclo [4, 1, 0] hept 2 ene (IVb).

3 Methylene 4 Butyryl 7, 7 dimethylbicyclo [4, 1, 0] heptane (IVc).

19. Free and Glycosidically bound volatiles of Clove (*Eugenia caryophyllata*)

Experimental Procedures

Capillary Gas Chromatographic Analysis

Results

20. Cultivation of Spices

Black Pepper

Climate

Soil

Varieties

Production of Rooted Cuttings

Cultural Practices

Standards

Planting

Under Planting

Soil Fertility and Nutrient Management

Irrigation

Bush Pepper

Diseases

Pests

Harvesting
Cardamom
Mainfield Planting
Varieties
Propagation
Diseases
Pests
Cloves
Climate and Soil
Varieties
Planting Material
Planting
Manuring
Diseases
Pests
Nutmeg
Cultural Practices
Manuring
Pests
Cinnamon
Cultural Practices
Diseases
Manuring and Processing
Diseases
Pests

Ginger
Varieties
Cultural Practices
Diseases
Pests
Turmeric
Varieties
Cultural Practices
Diseases
Pests

21. *Bunium persicum* (Boiss.) Fedtsch Botany,
Conservation Strategies and Cultivation
Botanical Description of Plant
Climate and Distribution
Reasons and Remedies for Dwindling Population of
B. persicum in Nature
Phenotypic Variability
Climate
Soil Type
Preparation of Land
Plantation`
(i) Plantation Through Seeds
(ii) Plantation Through Tuberous Roots
Spacing
Method of Plantation
Manuring
Weeding

Irrigation
Harvesting
Intercropping
Pests and Diseases of Kala Zira Crop
Experimental Studies for the Propagation of
Planting Material Under Laboratory Conditions
Regeneration Through Tissue Culture
Economics of the Crop
Conclusion

22. Essential Oils of *Artemisia* species in Kashmir Himalaya

Artemisia moorcroftiana Wall
Artemisia laciniata Wild
Artemisia salsoloides Will
Artemisia persica Boiss
Artemisia vestita Wall
Conclusion

23. Cultivation and Utilization of *Kaempferia galanga* L.

Botany
Crop Improvement
Crop Management
Extraction of Essential Oil
Physico chemical Properties of Oil
Utilisation

24. Cultivation and Improvement of Sweet Marjoram

Floristics and Crop Improvement
(i) Floristics
(ii) Studies on Floral Biology
(iii) Crop Improvement
Crop Production and Management.
(a) Soil and Climate
(b) Propagation
(c) Studies on Nutrient and Spacing
(d) Use of Growth Regulators
(e) Crop Rotation/Sequencing and Inter crops
(f) Irrigation and Inter culture
(g) Insect Pests and Diseases
(h) Harvesting, Production of Essential Oil and Yield
(i) Chemistry of Oil

25. Cultivation of *Davana* for Essential Oil

Introduction
Botany
Floral biology
Climate
Soil
Nursery raising
Transplanting
Manures and fertilizers
Irrigation
Interculture

Growth regulator application
Plant protection
Insect pests
Diseases
Harvesting
Distillation
Yield and Oil content
Chemical Constituents
Physico chemical characteristics of davana

26. Essential Oil of *Hyptis Suaveolens* Poit
Antimicrobial Efficacy of the Essential Oil of *H. suaveolens*
(ii) Phytotoxic Behaviour of the Oil
(iii) Chemical Constituents of the Oil
Conclusions

27. *Tagetes minuta* (Wild Marigold)
An Economic Crop for Hilly Regions
Introduction
Crop Management
Harvesting and Distillation
Quality Evaluation
Uses of *Tagetes* Oil
Research Needs

28. Present Status of *Jamrosa* A Review
Cultivation
Areas Under Cultivation and Marketing Prospects

29. Cultural Practices of CKP 25
(Lemongrass) under Irrigated conditions
Introduction
Effect of Date of Plantings
Effect of Different Spacing Combinations
Effect of Nitrogen Levels
Recommendations

30. Development of New Cultivars of *Cymbopogons* as
Source of Terpene Chemicals

31. Indian *Cymbopogons* Botany, Agrotechnology,
Utilization, Constraints and Future Scope
Botany
Morphology
Taxonomic Position
Distribution
Cytological Studies
*Chromosome Number
*Cytogenetics
*Reproduction
Agrotechnology
Age of Plantation
Manures and Fertilizers

Irrigation
Weed Control
Harvesting
Genetic Improvement
Utilization
Essential Oils
Major Research and Development Constraints
Conclusion and Scope for Future Work
32. Growth and Performance of *Cymbopogon citratus*
Stapf., the West Indian Lemongrass and *Cymbopogon*
pendulus (Nees ex Steud.) Wats., the Jammu
Lemongrass in West Bengal)
Result and Discussion
Intraspecific Variation:
Interspecific Variation:

33. Indian Turpentine Oil as a Raw Material for Terpene Chemicals
Production of Oil of Turpentine
Utilization of Oil of Turpentine
Constituents of Oil of Turpentine and their Derivatives

34. Cultivation of Musk Mallow in Jammu
Introduction

35. Morpho Economic Features of Burma Citronella (*Cymbopogon*
winterianus Jowitt)
Introduction
Discussion

36. Oxidation of γ Terpinene and
Isolongifolene with *t* Butyl chromate
Oxidation of terpinene (I)
Oxidation of isolongifolene (VI)

37. Scope for Commercial Cultivation of Aromatic
Plants in Upper Pulney Hills

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NIIR PROJECT CONSULTANCY SERVICES, 106-E, Kamla Nagar, New Delhi-110007, India.
Email: npcs.india@gmail.com **Website:** NIIR.org

Fri, 09 May 2025 11:26:49 +0000