




Cultivation Processing and Uses of Aromatic Plants

Essential Oil, Distillation, Plantation,
Harvesting, Chilli, By Product from Turmeric
and Ginger, Oleoresin, Spices, Sandal wood Oil,
Agarwood, French Basil, Cedarwood Oil, Vanilla
(Growing of Tagetes Minuta, Eucalyptus
Citriodora, Rosmarinus Officinalis, Coriander
Sativum, Lavender Species, Matricaria
Chamomilla, Artemisia Annua, Mentha Arvensis,
Jasmine Crop)

Introduction

Indian forests have been a large repository of medicinal and aromatic plants, which has supported manufacturing sector of Indian Systems. Human being has been using aromatic plants from ancient time and research workers are constantly brings to light additional information on the relationship between plants and man. There is a rising focus on the significance of aromatic plants in health systems, solving the health care problems of the world.




Aromatic plants play a significant role in the life of people and are present in innumerable forms. These plants are used as raw materials for medicines, cosmetics, perfumery, insecticides and in the various industries. Cultivation and processing of aromatic plants have opened new opportunities for income generation in rural sector.

Availability of wide variation in soil and climate in our country offers great potential for cultivation of Aromatic plants in the country. Their demand varies from small quantities to very large bulk annually.




A number of plants like Tagetes Minuta, Eucalyptus Citriodora, Rosmarinus Officinalis, Coriander Sativum, Lavender Species, Matricaria Chamomilla, Artemisia Annuua, Mentha Arvensis, Jasmine Crop, etc. A number of these crops grown in India are exotic in origin.


Our current volume of foreign trade in the perfumery material, essential oils and aromatic compounds is around Rs 65 million and this amount accounts for 1.6 per cent of the world trade. Some sixty-two types of essential oils come to the international market with a large and consistent demand.



In today's world of consumer boom, the role of essential oils has increased many folds. The production and consumption of essential oils, because of their multipurpose application is increasing continuously. Essential oils have been used throughout the world in perfumery, the food industry, household industry, condiment industry, and in making sweets and beverages, as well as pharmaceuticals and these oils are very expensive.

A close-up photograph of several vibrant green leaves, likely from a plant used in traditional medicine, occupies the left side of the slide. The leaves are layered, showing their veins and natural texture.

The farmers could take advantage of attractive subsidies being offered by both the central and the state governments for growing aromatic plants. There is a growing demand today for plant-based medicines, health products, pharmaceuticals, food supplements, cosmetics etc. in Indian market. The purpose is to boost cultivation and value-addition of aromatic plants for supply to industries related to aroma business and to the traditional system of Indian medicine.



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 vatiety of jasminum auriculatum , essential oils of agarwood, cinnamomum tamala leaves, eucalyptus citriodora and caultheria pragrantissima, 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.

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A vertical strip of green leaves is visible on the left side of the slide, showing various shades of green and leaf veins.

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A vertical strip of green leaves is visible on the left side of the slide, partially overlapping the orange box.

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Diseases
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Climate and Soil
Varieties
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A vertical strip of green leaves is visible on the left side of the slide, showing detailed vein patterns.

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A vertical strip of green leaves is visible on the left side of the slide, showing various shades of green and leaf veins.

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A vertical strip of green leaves is visible on the left side of the slide, showing various shades of green and leaf veins.

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Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

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- *Consultancies*
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- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*



- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
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- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha
(Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

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- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
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- *Plantations, Farming And Cultivations*
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- *Plastic, PVC, PET, HDPE, LDPE Etc.*

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- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*



- *Township & Residential Complex*
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- *Waste Management & Recycling*
- *Wood & Wood Products*
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