

Handbook on Herbs Cultivation and Processing

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India is one of the leading herbs producer and exporter in the world. Several meticulous researches were conducted and experimented with herbs. They arrived at more precise conclusions about the usefulness of diverse plants and herbs that are utilized in different fields like medicine, cosmetics, perfumes and so on. The Ayurveda healing is completely based on herbs, which have definite medicinal importance or significance. In the primeval times, the Indian sagacious held the view that Ayurveda herbs are the only resolution to treat numeral health related problems and diseases. Herbal products are replacing the synthetics products because of its harsh nature. Herbal products are in huge demand in the developed world for health care for the reason that they are efficient, safe and have lesser side effects. Growing herbs is easy to do, and people continue to turn their love for gardening into successful businesses growing and selling fresh cut herbs, herb plants, and other herb related products. Producing herbs for the medicinal market has received a lot of interest from potential commercial growers, but it is still a new and uncertain market. Medicinal herb products may include all plant materials such as foliage, flowers, seeds, fruit and roots. They may be used fresh or in the form of their extracts or chemical compounds isolated from them to produce drugs for human or veterinary medicine. Production of medicinal herbs is limited by the demand for them in international trade. According to the research there are over 20,000 common medicinal plants used in different parts of the world. Over 100 herbs are used on a regular basis. The decision to cultivate medicinal herbs should only be made in response to demand for particular herbs. The market is very competitive and could easily be oversupplied.

This book majorly deals with general characters and composition of herbs, official parts and names of herbs, cultivation of herbs and its medicinal uses etc. The major contents of the book are Acacia, Aconitum Napellus, Acrous Calamus, Adhatoda Zeylanica, Althaea officinalis, Linn, Amaranthus, Linn, Amorphophallus cam Panulates, Aristolochia Indica, Atropa Belladonna, Brassica, Calotropis, Procera (Ait.), Capsicum Annuum, Linn etc.

The book covers systematic account of most plants used in medicines. This is an indispensable book which provides cultivation techniques of various herbs with their processing. The text of each plant is divided in two portions: the first devoted to the description of the species, its localities and other purely botanical matter and the second to the general character, composition, properties which are employed in medicines or otherwise. The book is very useful for new entrepreneurs, ayurvedic institutes, libraries and consultants.

1. Acacia
2. Aconitum Napellus
3. Acrous Calamus

4. *Adhatoda Zeylanica*
5. *Althaea officinalis*, Linn.
6. *Amaranthus*, Linn.
7. *Amorphophallus* cam *Panulates*
8. *Aristolochia Indica*
9. *Atropa Belladonna*
10. *Brassica*
11. *Calotropis. Procera* (Ait.) Ait. f.
12. *Capsicum Annuum*, Linn.
13. *Carum Carui*, Linn.
14. *Cassia Acutifolia*
15. *Cathoranthus Roses*, Linn.
16. *Cephaelis Ipecacuanha*
17. *Chenopodium Album*, Linn.
18. *Chrysanthemum Cinerari Folium* (Tre)
19. *Cinchona Succirubra*
20. *Curcuma longa*, Linn.
21. *Dhattura*
22. *Digitalis Purpurea*, Linn.
23. *Duboisia Myoporoides*
24. *Elettaria Cardamomum*
25. *Foeniculum Vulgare* Mill
26. *Goraypram Barbadense*, Linn.
27. *Helianthus annus*, Linn.
28. *Hemidesmus Indicus*
29. *Hibiscus esculentus*, Linn.
30. *Hyoscyamus Niger*, Linn.
31. *Indigofera Tinctoria*
32. *Ipomoea batata*, Linn.
33. *Juglans Regia*, Linn.
34. *Mucuna pruriens*
35. *Nicotiana Tabacum*, Linn.
36. *Panax quinquefolium* Linn.
37. *Pandanus*
38. *Papaver Oil*
39. *Plantago Ovato* (Forsk)
40. *Podophyllum peltatum*, Linn.
41. *Prunus Amygdalus*
42. *Santalum album*, Linn.
43. *Thornapple*

NATIONAL MEDICINAL PLANTSARD

Preamble

Promotional and Commercial Schemes

Application Form for Seeking Financial Assistance (For promotional activity related projects)

Application Form for Seeking Financial Assistance (For commercial activity related projects)

Format for Submission of Progress Report

Terms & Conditions of Financial Assistant

Addresses of State/UT Medicinal Plants Board

Monitoring Mechanism for Projects

About NIIR

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