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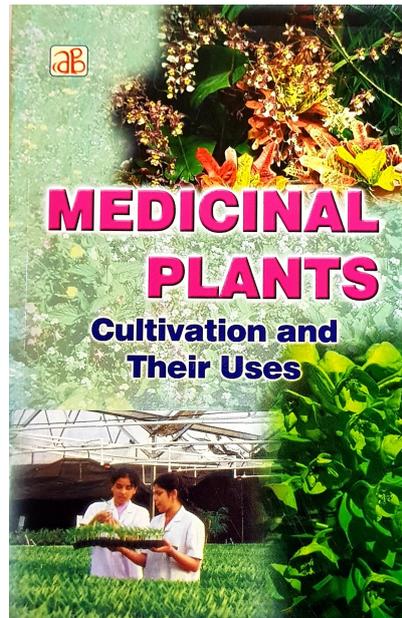
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## Medicinal Plants Cultivation & Their Uses

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### Description

The medicinal plants have been used since ancient times for the treatment of human ailments. Over three quarters of the world population relies mainly on plants and plant

extracts for health care. The herbal medicines today symbolize safety in contrast to the synthetics that are regarded as unsafe to human and environment. In the primeval times, the Indian sagacious held the view that herbal medicines are the only resolution to treat numeral health related problems and diseases. Although herbs had been prized for their medicinal, flavoring and aromatic qualities for centuries, the synthetic products of the modern age surpassed their importance, for a while. However, the blind dependence on synthetics is over and people are returning to the naturals with hope of safety and security.

Understanding the worth and heritage of excellence of medicinal plants the book makes an attempt to provide information on cultivation of medicinal plants and their different uses. This book includes the chemical composition of plants, plant protection, essential oils extracted from plants, cultivation of more than 100 medicinal plants, list of rare medicinal plants and their various uses.

The book covers different parameters of medicinal plants cultivation and various ways of their uses. It covers medicinal plants containing alkaloids, steroids flavonoids, glycosides, terpenoids, additives and other active metabolites. We hope that this book will be useful not only for technologists, professionals, but also for farmers, traders, exporters and importers of Medicinal Plants.

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21. *Aloe Indica*
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64. Cynodon Dactylon
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66. Dolichos Biflorus
67. Eclipta Alba Hassk
68. Elettaria Cardamomum
69. Embelia Ribes
- 70 Enicostemma Littorale
71. Eugenia Aromatica
72. Evolvulus Alsinoides
73. Ferula Foetida
74. Feronia Elephantum, Correa
75. Ficus Racemosa
76. Fumaria Officinalis
77. Galega Purpurea, Linn.
78. Garcinia Mangostana, Linn.
79. Hedychium Spicatum
80. Hermodactylus Gol
81. Hibiscus Rosa - Sinensis Linn.
82. Holarrhena Antidysenterica
83. Impomoea Headeraceae, Jacq.
84. Inula Racemosa Hook F.
85. Jatropha Montana or Baliospermum
86. Juglans Regia, Linn.
87. Lawsonia Inermis Linn.
88. Leptadenia Reticulata
89. Liquidambar Orientalis, Miller.
90. Luffa Acutangula, Roxb.
91. Luffa Amara, Roxb., or L. Plucketiana
92. Lycopersicum Esculentum, Mill or Solanum
93. Matricaria Chamomilla, Linn. M. Suaveolens
94. Medicago Sativa
95. Melaleuca Leucadendron, Linn.
96. Melia Azedarach, Linn. M. Sempervirens.
97. Mesue Ferrea, Linn.
98. Myrica Nagi, Thunb, or M. Sapida; M. Cerifera
99. Nardostachys Jatamansi
100. Nelumbo Nucifera Gaertn
101. Nigella Sativa Linn., N. Indica

102. Operculina Turpethum (Linn.)
103. Oryza Sativa Linn.
104. Phoenix Dactylifera Linn.
105. Phyllanthus Emblica Linn.
106. Phyllanthus Niruri Linn.
107. Pinus Longifolia Roxb.
108. Pisum Sativum, Linn.
109. Piper Betle
110. Pluchea Lanceolata B. C.
111. Psychotria Ipecacuanha Linn
112. Pterocarpus Marsupium Roxb.
113. Pterocarpus Santalinus Linn.
114. Castor Seeds
115. Saraca Indica Linn.
116. Sesamum Indicum, DC.
117. Sinapis Juncea
118. Soja Hispida. Moench or Glycine Soja
119. Solanum Indicum Linn.
120. Strychnos Nuxvomica Linn.
121. Tephrosia Purpurea (Linn.)
122. Tinospora Cordifolia (Willd) Miers
123. Tribulus Terrestris Linn.
124. Trichosanthes Dioica Roxb.
125. Trigonella Foenum- Graecum Linn.
126. Tylophora Indica (Burm.) Merr.
127. Valeriana Wallichii DC.
128. Vanda Roxburghii R. Br.
129. Viola Odorata Linn.
130. Vitex Negundo Linn
131. Wedelia Calendulaceae Less
132. Ashwagandha [Withania Somnifera Dunal (Solanaceae)]
133. Woodfordia Fruticosa Kurz
134. Zingiber Officinal Roscoe

#### LIST OF RARE MEDICINAL PLANTS

135. Acalypha Indica Linn.
136. Agava Cantula Roxb.
137. Ageratum Conyzoides Linn.
138. Alectra Parasitica
139. Ampelocissus Latifolia (Roxb). Planch.
140. Anisomeles Indica (Linn.) Kuntze.

141. *Apama Siliquosa* Leamk.
142. *Atylosia Scarabaeodies* (Linn.) Benth.
143. *Bidens Biternata* (Lour.) Merr. & Sherff.
144. *Borreria Articularis* (L.F.) F.N. Williams
145. *Bridelia Retusa* Spreng.
146. *Caesalpinia Digyna* Rottl.
147. *Cardiospermum Halicacabum* Linn.
148. *Clerodendrum Viscosum* Vent.
149. *Cochleospermum Religiosum* (L.) Alston
150. *Craterostigma Plantagineum* (Benth.) Hochst.
151. *Cleistanthus Collinus* Benth.
152. *Ceropegia Bulbosa* Roxb.
153. *Commelina Benghalensis* Linn.
154. *Corallocarpus Epigeus* C. B. Clare
155. *Costus Speciosus* (Koenig.) Sm.
156. *Dipteracanthus Prostratus* (Poir.) Nees.
157. *Elytraria Acaulis* (Linn. F.) Lindau
158. *Enicostema Hyssopifolium* (Willd.) Verdoorn.
159. *Glossogyne Bidens* (Retz.) Alston.
160. *Glycosmis Mauritiana* (Lam.) Tanaka
161. *Leonotis Nepetifolia* (L.) R. Br.
162. *Lepidagathis Cristata* Willd.
163. *Morinda Citrifolia* Linn.
164. *Naregamia Alata* W. & A.
165. *Orthosiphon Pallidus* Royle Ex Benth
166. *Pentanema Indicum* (L.) Ling.
167. *Phlogacanthus Thyrasiformis* (Hard) Mabb.
168. *Rivea Hypocrateriformis* (Desr.) Choisy.
169. *Sauromatum Venosum* (Ait.) Kunth.
170. *Stachyrarpheta Jamaicensis* (L.) Vahl.
171. *Solena Amplexicaulis* (Lamk) Gandhi
172. *Typhonium Frilobatum* Schott.
173. *Tridax Procumbens* Linn.
174. *Tragia Hispida* Linn.
175. *Ventilago Denticulata* Willd.
176. *Xanthium Strumarium* Linn.

## About Niir

NIIR Project Consultancy Services (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are: Pre-feasibility study, New Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies, Market Surveys and Studies, Preparation of Techno-Economic Feasibility Reports, Identification and Selection of Plant and Machinery, Manufacturing Process and/or Equipment required, General Guidance, Technical and Commercial Counseling for setting up new industrial projects and industry. NPCS also publishes various technology books, directories, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists, and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureaus, consultants and consultancy firms as one of the inputs in their research.