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# Medicinal Plants Cultivation & Their Uses

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**Format:** paperback
**Code:** NI56
**Pages:** 598
**Price:** Rs 975 | US$ 100
**Publisher:** NIIR PROJECT CONSULTANCY SERVICES
**Shipping:** 5 days

## About the Book

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 priced 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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101. Nigella Sativa Linn., N. Indica
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105. Phyllanthus Emblica Linn.
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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- Graeccum 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.

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