

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO-1147  
TO BE ANSWERED ON 22/07/2022**

**RESEARCH AND DEVELOPMENT SYSTEM OF MEDICINES**

**1147. SHRI HEMANT SRIRAM PATIL:**

Will the Minister of **AYUSH** be pleased to state:

- (a) whether the Government has formalised any agreement with other countries in the field of Research and Development for traditional system of medicines;
- (b) if so, the details thereof;
- (c) whether the Government has formulated any policy/initiative to promote traditional and other similar systems of medicines;
- (d) if so, the details thereof; and
- (e) the State/UT-wise name of the places especially in Maharashtra where such important herbs are found for the production of traditional medicines?

**ANSWER  
THE MINISTER OF AYUSH  
(SHRI SARBANANDA SONOWAL)**

(a) & (b): Yes. The Government of India has signed 25 Memorandum of Understandings (MoUs) for country to country cooperation in the field of medicine Nepal, Bangladesh, Hungary, Trinidad & Tobago, Malaysia, Mauritius, Mongolia, Turkmenistan, Myanmar, World Health Organization, Germany, Iran, Sao Tome & Principe, Equatorial Guinea, Cuba, Colombia, Japan, Bolivia, Gambia, Republic of Guinea, China, St Vincent and The Grenadines, Suriname, Brazil and Zimbabwe. 37 MoUs for undertaking collaborative research and development of Traditional Medicine has been signed with foreign Institutes/Universities/Organizations from USA, Germany, UK, Canada, Malaysia, Brazil, Australia, Austria, Tajikistan, Saudi Arabia, Ecuador, Japan, Indonesia, Reunion Island, Korea and Hungary etc.. 15 MoUs have been signed for setting up of Ayush Academic Chairs in foreign Institutes/Universities from Hungary, Latvia, Mauritius, Bangladesh, Russia, West-Indies, Thailand, Indonesia, Slovenia, Armenia, Argentina, Malaysia, South Africa, Australia and Mexico.

The constituent laboratory of Council of Scientific & Industrial Research namely Institute of Himalayan Bio-resource Technology (CSIR-IHBT), Palampur has signed an MoU with National Research Institute of Chinese Medicine, Ministry of Health and Welfare, Taiwan, to collaborate in the areas of mutual interest which included medicinal plants, bioactive molecules, herbal formulations etc.

CSIR and Bill & Melinda Gates Foundation have signed an MoU to identify the opportunities for scientific and technological research between researchers located within and outside of India,

including collaborations with foundation-funded entities in the areas including but not limited to traditional medicine (AYUSH)-guided by specific applications to disease/ health priorities.

(c) & (d) Under the Central Sector Scheme for Promotion of International Co-operation in Ayush (IC Scheme), Ministry of Ayush supports Ayush drug manufacturers, entrepreneurs, Ayush institutions and Hospitals etc. for international propagation of Ayush by participating in international exhibitions, trade fairs, road shows etc. to display their products and services.

Ayush Oushadhi Gunvatta evam Utpadan Samvardhan Yojana (AOGUSY) of Ministry of Ayush has been initiated for augmenting quality of Ayush drugs during the 15th Finance Cycle (2021-22 to 2025-26) by merging the existing Central Sector Schemes of Pharmacovigilance initiative, Central Drug Controller of Ayush and Quality Control of ASU&H drugs {Component of National Ayush Mission (NAM)} and inclusion of certain new elements to facilitate standardization, effective enforcement of rules/regulations, technology up-gradation for manufacturing and analytical testing, certification/accreditation, training and capacity building activities intended towards quality assurance of Ayush drugs.

The Prime Minister Employment Generation Programme (PMEGP) of Ministry of Micro Small and Medium Enterprises (MSME), Government of India is available to the Industry for availing benefits under Manufacturing and Service Sector including Ayush. Indian medicine Pharmaceutical Corporation Limited (IMPCL) which is a Mini Ratna Central Public Sector Enterprise (CPSE) under the Ministry of Ayush (Government of India) is manufacturing of Ayurveda & Unani Medicines in India.

(e) India is a biodiversity rich country and as per the Botanical Survey of India estimation, more than 8,000 species of medicinal plants are found in the country including state of Maharashtra. The State / UT-wise detail of important medicinal herbs / plants supported for Resource Augmentation under “Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants” is given at Annexure-I.

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## Annexure-I

State / UT-wise important medicinal herbs / plants species supported for Resource Augmentation under “Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants”

| Name of State     | Species   |
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| Arunachal Pradesh | <i>Abroma augustum</i> (Ulat kambal), <i>Acorus calamus</i> (Vach), <i>Aquilaria agallocha</i> Syn. <i>Aquilaria malaccensis</i> (Agar), <i>Cinnamomum tamala</i> (Tejpat), <i>Dioscorea floribunda</i> (Ratalu), <i>Embelia ribes</i> (Vai vidang), <i>Garcinia pedunculata</i> (Amlavetasah), <i>Homalomena aromatica</i> (Sugandhmantri), <i>Litsea cubeba</i> (Mountain Pepper), <i>Mesua ferrea</i> (Nagakeshar), <i>Oroxylum indicum</i> (Syonaka), <i>Paris polyphylla</i> (Satwa), <i>Piper mullesua</i> (Chavya), <i>Rubia cordifolia</i> (Manjistha), <i>Sapindus mukorossi</i> (Ritha), <i>Saraca asoca</i> (Ashok), <i>Taxus wallichiana</i> (Talispatra), <i>Terminalia bellirica</i> (Behera), <i>Terminalia chebula</i> (Harad), <i>Trichosanthes tricuspidata</i> (Indrayan), <i>Zanthoxylum armatum</i> (Timru). |
| Andaman & Nicobar | <i>Abrus precatorius</i> (Gunja), <i>Achyranthes aspera</i> (Apamarg), <i>Aegle marmelos</i> (Bael), <i>Ageratum conyzoides</i> (Shweta sahadevi), <i>Asparagus racemosus</i> (Satavar), <i>Caesalpinia bonduc</i> (Puti karanj) , <i>Calotropis gigantea</i> (Safed Aak), <i>Catharanthus roseus</i> (Sadabahar), <i>Centella asiatica</i> (Mandookparni), <i>Costus speciosus</i> (Crepe Ginger), <i>Oroxylum indicum</i> (Syonaka), <i>Phyllanthus amarus</i> (Bhui aonla), <i>Tinospora cordifolia</i> (Giloe).   |
| Andhra Pradesh    | <i>Aegle marmelos</i> (Bael), <i>Andrographis paniculata</i> (Kalmegh), <i>Asparagus racemosus</i> (Satavar), <i>Azadirachta indica</i> (Neem), <i>Caesalpinia bonduc</i> (Puti karanja ), <i>Cassia absus</i> (Aranyakulathika), <i>Cochlospermum religiosum</i> (Galgal), <i>Decalepis hamiltonii</i> Wight(Sariva), <i>Desmodium gangeticum</i> (Shalparni), <i>Phyllanthus emblica</i> Syn. <i>Emblica</i>  |

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|              | <p><i>officinalis</i> (Amla), <i>Ficus racemosa</i>(Anjir), <i>Gymnema sylvestre</i> (Gudmar), <i>Lagerstroemia speciosa</i>(Jarul), <i>Leptadenia reticulata</i> (Jivanti), <i>Mucuna pruriens</i> (Kawanch), <i>Pterocarpus marsupium</i>(Beejasar), <i>Pterocarpus santalinus</i> (Rakta chandan), <i>Pueraria tuberosa</i>(Vidarikand), <i>Santalum album</i> (Chandan), <i>Solanum virginianum</i> Syn. <i>Solanum surratens</i> (Choti Kantkari), <i>Soymida febrifuga</i>(Rohan), <i>Spondias pinnata</i> (Aamraata), <i>Stereospermum chelonoides</i> Syn.<i>Stereospermum suaveolens</i> (Patla), <i>Terminalia bellirica</i>(Behera), <i>Terminalia chebula</i>(Harad), <i>Tribulus terrestris</i>(Gokhru), <i>Uraria picta</i>(Prishnaparni).</p> |
| Assam        | <p><i>Acorus calamus</i>(Vach), <i>Alpinia galanga</i> (Kalanjan),<i>Aquilaria agallocha</i> Syn. <i>Aquilaria malaccensis</i>(Agar), <i>Cinnamomum tamala</i>(Tejpat), <i>Garcinia spp.</i> (Kokam), <i>Homalomena aromatica</i>(Sugandhmantri), <i>Hydnocarpus kurzii</i>(Chaulmoogra), <i>Mesua ferrea</i>(Nagakeshar), <i>Oroxylum indicum</i> (Syonaka), <i>Rauvolfia serpentina</i> (Sarp Gandha), <i>Saraca asoca</i>(Ashok), <i>Terminalia chebula</i>(Harad), <i>Tinospora cordifolia</i> (Giloe).</p>  |
| Chhattisgarh | <p><i>Aegle marmelos</i>, <i>Andrographis paniculata</i>(Kalmegh), <i>Asparagus racemosus</i> (Satavar),<i>Buchanania cochinchinensis</i> Syn. <i>Buchanania lanzan</i>(Priyal), <i>Curcuma angustifolia</i>(Tikhur), <i>Dioscorea hispida</i>(Asiatic Bitter Yam),<i>Embelia tsjeriam-cottam</i> (Bidanga), <i>Pterocarpus marsupium</i> (Beejasar), <i>Rauvolfia serpentina</i> (Sarp Gandha), <i>Sterculia urens</i>, <i>Terminalia arjuna</i> (Arjun), <i>Terminalia bellirica</i> (Gaertn.)(Behera), <i>Terminalia chebula</i>(Harad), <i>Bauhinia vahlii</i>(Mahul), <i>Tinospora cordifolia</i> (Giloe).</p>  |
| Dadra Nagar  | <p><i>Justicia adhatoda</i> Syn.<i>Adhatoda vasica</i>, <i>Aegle marmelos</i> (Bael), <i>Asparagus racemosus</i>(Satavar), <i>Bauhinia variegata</i> (Kanchanara), <i>Calotropis gigantia</i>(Safed Aak), <i>Phyllanthus emblica</i> Syn. <i>Emblica officinalis</i> (Amla), <i>Gloriosa</i></p>   |

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|                  | <p><i>superba</i>.(Kalihari), <i>Ocimum tenuiflorum</i> Syn. <i>Ocimum sanctam</i> (Tulsi), <i>Oroxylum indicum</i>(Syonaka), <i>Pongamia pinnata</i>(Karanj), <i>Pterocarpus marsupium</i>(Beejasar), <i>Rauvolfia serpentina</i> (Sarp Gandha), <i>Terminalia arjuna</i>(Arjun), <i>Terminalia bellerica</i>(Behera), <i>Terminalia chebula</i></p>  |
| Goa              | <p><i>Abrus precatorius</i> (Gunja), <i>Acorus calamus</i>(Vach), <i>Alpinia galanga</i> (Kalanjan), <i>Asparagus racemosus</i> (Satavar), <i>Bacopa monnieri</i>(Brahmi), <i>Caesalpinia bonduc</i>(Puti karanja), <i>Centella asiatica</i> (Mandookparni), <i>Phyllanthus emblica</i> Syn. <i>Emblica officinalis</i> (Amla), <i>Garcinia indica</i>(Kokam), <i>Gloriosa superba</i>(Kalihari), <i>Jatropha curcas</i>, <i>Ocimum tenuiflorum</i> Syn. <i>Ocimum sanctam</i> (Tulsi), <i>Pogostemon cablin</i>, <i>Piper longum</i> (Pippali), <i>Garcinia sp.</i>(Kokam), <i>Rauvolfia serpentina</i>(Sarp Gandha), <i>Stevia rebaudiana</i> (Sweet leaf), <i>Tinospora cordifolia</i> (Giloe).</p> |
| Gujarat          | <p><i>Asparagus racemosus</i>(Satavar), <i>Commiphora wightii</i> (Guggulu) <i>Gymnema sylvestre</i> (Gudmar), <i>Leptadenia reticulata</i>(Jivanti), <i>Operculina turpethum</i> Syn. <i>Merremia turpethum</i>(Nisoth).</p>  |
| Haryana          | <p><i>Aegle marmelos</i>(Bael), <i>Aloe vera</i>(Ghritkumari), <i>Commiphora wightii</i> (Guggulu) <i>Saraca asoca</i>(Ashok), <i>Ocimum tenuiflorum</i> Syn. <i>Ocimum sanctam</i>(Tulsi), <i>Terminalia chebula</i>(Harad), <i>Terminalia bellerica</i> (Behera), <i>Phyllanthus emblica</i> Syn. <i>Emblica officinalis</i> (Amla).</p>   |
| Himachal Pradesh | <p><i>Aconitum chasmanthum</i>(Vatsanabha), <i>Aconitum heterophyllum</i> (Atis), <i>Aconitum violaceum</i>(Dudhia-bis.), <i>Aegle marmelos</i> (Bael), <i>Phyllanthus emblica</i> Syn. <i>Emblica officinalis</i> (Amla), <i>Bacopa monnieri</i>(Brahmi), <i>Podophyllum hexandrum</i>(Bankakri), <i>Cinnamomum tamala</i>(Tejpat),</p>   |

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|           | <p><i>Dactylorhiza hatagirea</i>, <i>Dioscorea deltoidea</i>. (Baniatakari),<br/> <i>Saussurea costus</i>(Kuth), <i>Nardostachyis jatamansi</i> Syn.<br/> <i>Nardostachyis grandiflora</i> (Jatamansi), <i>Picrorhiza kurroa</i><br/> (Kutki), <i>Swertia chirayita</i> (Chirata), <i>Taxus wallichiana</i><br/> (Talispatra), <i>Valeriana jatamansi</i> (Tagar), <i>Zanthoxylum</i><br/> <i>armatum</i>(Timru).</p>  |
| J&K       | <p><i>Aconitum heterophyllum</i>(Atis), <i>Acorus calamus</i> (Vach),<br/> <i>Dioscorea deltoidea</i>, <i>Gloriosa superba</i> (Kalihari),<br/> <i>Hippophae rhamnoides</i>(Seabuckthorn), <i>Hippophae</i><br/> <i>salicifolia</i>(Chuk), <i>Jurinea dolomitica</i> (Dhup), <i>Picrorhiza</i><br/> <i>kurrooa</i>(kutki), <i>Podophyllum hexandrum</i><br/> (Bankakri),<i>Rauvolfia serpentina</i> (Sarp Gandha),<i>Rheum</i><br/> <i>australe</i> Syn. <i>Rheum emodi</i> (Revand chini), <i>Saussurea</i><br/> <i>costus</i>(Kuth), <i>Taxus baccata</i> (Himalayan yew), <i>Tinospora</i><br/> <i>cordifolia</i> (Giloe), <i>Valeriana jatamansi</i>(Tagar), <i>Vitex</i><br/> <i>negundo</i>(Nirgundi)</p>  |
| Jharkhand | <p><i>Aegle marmelos</i> (Bael), <i>Aloe vera</i> (Ghritkumari),<br/> <i>Andrographis paniculata</i>(Kalmegh), <i>Asparagus racemosus</i><br/> (Satavar), <i>Bixa orellana</i> (Sinduri), <i>Chlorophytum</i><br/> <i>tuberosum</i>(Musli), <i>Rauvolfia serpentina</i> (Sarp Gandha),<br/> <i>Withania somnifera</i>(Ashwagandha).</p>  |
| Karnataka | <p><i>Senegalia pennata</i> Syn. <i>Acacia concinna</i> (Shikakai), <i>Adina</i><br/> <i>cordifolia</i>(Haldu), <i>Aegle marmelos</i>(Bael), <i>Asparagus</i><br/> <i>racemosus</i> (Satavar), <i>Cassia fistula</i>(Amaltas),<i>Cinnamomum</i><br/> <i>verum</i> Syn. <i>Cinnamomum zeylanicum</i>(Dalchini),<i>Decalepis</i><br/> <i>harmittoni</i>, <i>Embelia ribes</i>(Vai vidang),<i>Embelia tsjeriam-</i><br/> <i>cottam</i> (Bidanga)<i>Garcinia gummi-gutta</i> (Vrksamlah),<br/> <i>Garcinia indica</i> (Kokam), <i>Garcinia morella</i>, <i>Gardenia</i><br/> <i>gummifera</i>(Kikemali), <i>Gloriosa superba</i>(Kalihari),<i>Madhuca</i><br/> <i>longifolia</i> var. <i>latifolia</i> Syn. <i>Madhuca indica</i>(Mahua),<br/> <i>Myristica dactyloides</i>, <i>Pterocarpus marsupium</i>(Beejasar),<br/> <i>Pterocarpus santalinus</i> (Rakta chandan), <i>Salacia chinensis</i>,</p> |

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|                | <p><i>Santalum album</i>(Chandan),<i>Sapindus emarginatus</i> (Reetha),<br/> <i>Saraca asoca</i> (Ashok), <i>Semecarpus anacardium</i>(<i>Bhallataka</i>),<br/> <i>Terminalia chebula</i></p>   |
| Kerala         | <p><i>Abrus precatorius</i>(Gunja), <i>Aegle marmelos</i>(Bael), <i>Artocarpus hirsutus</i>(Wild jack), <i>Asparagus recemosus</i>(<i>Satavar</i>),<br/> <i>Calotropis procera</i>(Alarka), <i>Centella asiatica</i> (Mandookparni), <i>Coscinium fenestratum</i> (Pita chandana),<br/> <i>Desomodium gangeticum</i> (<i>Shalparni</i>), <i>Dysoxylum malabaricum</i>(<i>White cedar</i>), <i>Evolvulus alsinoides</i>(<i>Shankhapushpi</i>), <i>Garcinia indica</i> (Kokam),<br/> <i>Gloriosa superba</i> (Kalihari), <i>Hemidesmus indicus</i>, <i>Mesua ferrea</i>(<i>Nagakeshar</i>), <i>Nyctanthes arbortristis</i>, <i>Ocimum tenuiflorum</i> Syn. <i>Ocimum sanctam</i> (Tulsi), <i>Rauvolfia serpentina</i> (<i>Sarp gandha</i>), <i>Santalum album</i>(<i>Chandan</i>), <i>Smilax zeylanica</i> (<i>Vanamadhusnahi</i>), <i>Terminalia chebula</i>(<i>Harad</i>)</p>                           |
| Madhya Pradesh | <p><i>Aegle marmelos</i> (Bael), <i>Aloe vera</i>(<i>Ghritikumari</i>),<br/> <i>Andrographis paniculata</i> (Kalmegh), <i>Asparagus racemosus</i> (<i>Satavar</i>), <i>Chlorophytum tuberosum</i>(<i>Musli</i>),<br/> <i>Curculigo orchioides</i>, <i>Curcuma caesia</i>(<i>Kali haldi</i>), <i>Dioscorea deltoidea</i>(<i>Baniatakari</i>), <i>Ficus racemosa</i>(<i>Anjir</i>), <i>Gloriosa superba</i> (Kalihari), <i>Gmelina arborea</i> (Gambhari), <i>Hedychium coronarium</i>(<i>Saugandhika pushp</i>), <i>Mucuna pruriens</i>(<i>Kawanch</i>), <i>Oroxylum indicum</i> (Syonaka),<br/> <i>Phyllanthus emblica</i> Syn. <i>Emblica officinalis</i> (Amla), <i>Rauvolfia serpentina</i>(<i>Sarp gandha</i>), <i>Rubia cordifolia</i>(<i>Manjistha</i>), <i>Terminalia ballerica</i>(<i>Behera</i>),<br/> <i>Tinospora cordifolia</i> (Giloe), <i>Withania somnifera</i> (<i>Ashwagandha</i>)</p> |

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| Maharashtra | <p><i>Abrus precatorius</i> (Gunja), <i>Senegalia catechu</i> Syn. <i>Acacia catechu</i> (Khair), <i>Aegle marmelos</i> (Bael), <i>Bauhinia vahlii</i> (Mahul), <i>Boswellia serrata</i> (Salai guggul), <i>Butea monosperma</i> (Palas), <i>Celastrus paniculata</i> (Malkangani), <i>Clerodendrum indicum</i>, <i>Embelia tsjeriam-cottam</i> (Bidanga) <i>Embelica officinalis</i>, <i>Gardenia resinifera</i>, <i>Gmelina arborea</i> (Gambhari), <i>Gymnema sylvestre</i> (Gudmar), <i>Helitris isora</i>, <i>Holarrhena antidysenterica</i>, <i>Holostemma ada-kodien</i>, <i>Operculina turpenthum</i>, <i>Oroxylum indicum</i> (Syonaka), <i>Phyllanthus embelica</i>, <i>Pongamia pinnata</i> (Karanj), <i>Premna integrifolia</i> (Agnimantha), <i>Pterocarpus marsupium</i> (Beejasar), <i>Pterocarpus santalinus</i> (Rakta chandan), <i>Pueraria tuberosa</i> (Vidarikand), <i>Santalum album</i> (Chandan), <i>Saraca asoca</i> (Ashok), <i>Semecarpus anacardium</i> (Bhallataka), <i>Sterculia urens</i> (Kulu) <i>Stereospermum chelonoides</i> Syn. <i>Stereospermum suaveolens</i> (Patla), <i>Strychnos nuxvomica</i> (Kuchla), <i>Symplocos racemosa</i> (Lodh/Pathani), <i>Tamarindus indica</i>, <i>Terminalia arjuna</i> (Arjun), <i>Terminalia bellirica</i> (Behera), <i>Terminalia chebula</i> (Harad), <i>Tinospora cordifolia</i> (Giloe), <i>Withania somnifera</i> (Ashwagandha)</p> |
| Manipur     | <p><i>Acorus calamus</i> (Vach), <i>Alpinia galanga</i> (Kalanjan), <i>Aquilaria malaccensis</i> (Agar), <i>Cinnamomum tamla</i> (Tejpat), <i>Clerodendrum serratum</i>, <i>Curcuma caesia</i>, <i>Garcinia pedunculata</i>, <i>Hedychium spicatum</i> (Kapur kachari), <i>Homolamena aromatica</i> (Sugandh Mantri), <i>Mesua ferrea</i> (Nagakeshar), <i>Oroxylum indicum</i> (Syonaka), <i>Panax pseudoginseng</i> (Himalayan Ginseng), <i>Paris polyphylla</i> (Satwa), <i>Rubia cordifolia</i> (Manjistha), <i>Smilax zeylanica</i> (Vanamadhushahi), <i>Terminalia citrina</i>, <i>Valeriana jatamansi</i> (Tagar), <i>Zanthoxylum armatum</i> (Timru)</p>  |
| Meghalaya   | <p><i>Acorus calamus</i> (Vach), <i>Cinnamomum veruml</i> Syn. <i>Cinnamomum zeylanicum</i> (Dalchini), <i>Cymbopogon flexuosus</i> (Malabar grass) <i>Gloriosa superba</i> (Kalihari), <i>Piper</i></p>  |



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|           | <i>longum (Pippali), Rauwolfia serpentina (Sarp Gandha), Saraca asoca (Ashok).</i>   |
| Mizoram   | <i>Aquilaria agallocha Syn. Aquilaria malaccensis (Agar), Callicarpa arborea., Cinnamomum verum Syn. Cinnamomum zeylanicum (Dalchini), Embelia ribes (Vai vidang), Phyllanthus emblica Syn. Emblica officinalis (Amla), Gmelina arborea (Gambhari), Gynocardia odorata (Chhalmogra), Homalomena aromatica (Sugandhmantri), Hydnocarpus kurzii (Chaulmoogra), Oroxylum indicum (Syonaka), Saraca asoca (Ashok), Schima wallichii (Chilauni)</i> |
| Nagaland  | <i>Alpinia galanga (Kalanjan), Dactylicapnos scandens Syn. Dicentra scandens, Homalomena aromatica (Sugandhmantri), Panax pseudo-ginseng (Himalayan Ginseng), Paris polyphylla (Satwa), Taxus wallichiana (Talispatra), Valeriana sp. (Tagar)</i>  |
| Odisha    | <i>Aegle marmelos (Bael), Bridelia retusa, Gmelina arborea (Gambhari), Oroxylum indicum (Syonaka), Pongamia pinnata (Karanj), Premna latifolia (Agnimantha), Saraca asoca (Ashok), Stereospermum chelonoides Syn. Stereospermum suaveolens (Patla), Syzygium cumini (Jamun), Terminalia arjuna (Arjun).</i>  |
| Punjab    | <i>Coleus barbatus, Commiphora wightii (Guggulu), Phyllanthus emblica Syn. Emblica officinalis (Amla), Moringa oleifera (Sahjan), Mucuna pruriens (Kawanch), Ocimum tenuiflorum Syn. Ocimum sanctum (Tulsi), Rauwolfia serpentina (Sarp Gandha), Tinospora cordifolia (Giloe), Withania somnifera (Ashwagandha)</i>  |
| Rajasthan | <i>Abelmoschus moschatus (Muskdana), Abrus precatorius (Gunja), Acacia sinuata, Aegle marmelos (Bael), Aloe vera (Ghrithkumari), Asparagus racemosus (Satavar), Bixa</i>   |

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|            | <p><i>Orellana (Sinduri), Boswellia serrata (Salai guggul), Buchanania cochinchinensis Syn. Buchanania lanzan (Priyal), Butea monosperma (Palas), Caesalpinia bonduc (Puti karanja), Celastrus paniculatus(Malkangani), Cissus quadrangularis (Hadjod), Cordia dichotoma (Lasora), Cordia myxa(Lasora), Phyllanthus emblica Syn. Emblica officinalis (Amla), Gloriosa superba (Kalihari), Helicteris isora, Madhuca longifolia var. latifolia Syn. Madhuca indica (Mahua), Mucuna pruriens(Kawanch), Ocimum tenuiflorum Syn. Ocimum sanctam (Tulsi), Oroxylum indicum (Syonaka), Pterocarpus marsupium(Beejasar), Rauwolfia serpentina (Sarp Gandha), Sapindus trifoliatus (Ritha), Sterculia urens (Kulu), Terminalia arjuna(Arjun), Terminalia bellerica (Behera), Terminalia cheubula (Harad), Tinospora cordifolia(Giloe), Withania somnifera (Ashwagandha)</i></p> |
| Sikkim     | <p><i>Aconitum ferox (Vatsnabh), Dactylorhiza hatagirea, Nardostachyis jatamansi Syn. Nardostachys grandiflora (Jatamansi), Paris polyphylla (Satwa), Picrorhiza kurroa(Kutki), Podophyllum hexandrum(Bankakri), Rhododendron anthopogan(Talis), Swertia chirayita (Chirata)</i></p>  |
| Tamil Nadu | <p><i>Boswellia serrata(Salai guggul), Morinda coreia Syn. Morinda tinctoria(Akshikiphala), Pterocarpus marsupium(Beejasar), Pterocarpus santalinus(Rakta chandan), Saraca asoca(Ashok), Strychnos nux-vomica (Kuchla).</i></p>   |
| Telangana  | <p><i>Aegle marmelos (Bael), Andrographis paniculata (Kalmegh), Asparagus racemosus (Satavar), Azadirachta indicaAzadirachta indica(Neem), Caesalpinia bonduc (Puti karanja), Chamaecrista absus Syn. Cassia absus(Aranyakulatthika), Cochlospermum religiosum (Galgal), Decalepis hamiltonii, Desmodium gangeticum(Shalparni), Phyllanthus emblica Syn. Emblica officinalis (Amla), Ficus racemosa (Anjir), Gymnema sylvestri (Gudmar), Lagerstroemia speciosa (Jarul), Leptadenia</i></p>   |

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|               | <p><i>reticulata</i> (Jivanti), <i>Mucuna pruriens</i> (Kawanch),<br/> <i>Pterocarpus marsupium</i>(Beejasar),<i>Pueraria tuberosa</i>(Vidarikand),<i>Solanum virginianum</i> Syn. <i>Solanum surratens</i> (Choti Kantkari), <i>Soymida febrifuga</i>(Rohan),<br/> <i>Spondias pinnata</i> (Aamraata), <i>Sterculia urens</i> (Kulu),<br/> <i>Stereospermum chelonoides</i> Syn.<i>Stereospermum suaveolens</i> (Patla), <i>Terminalia bellerica</i>(Behera), <i>Terminalia chebula</i>(Harad), <i>Tribulus terrestris</i> (Gokhru), <i>Uraria picta</i>(Prishnaparni).</p> |
| Tripura       | <p><i>Aegle marmelos</i>(Bael), <i>Aquilaria agallocha</i> Syn. <i>Aquilaria malaccensis</i> (Agar), <i>Azadirachta indica</i> (Neem),<br/> <i>Cinnamomum tamala</i>(Tejpat),<i>Phyllanthus emblica</i> Syn. <i>Emblica officinalis</i> (Amla), <i>Mesua ferrea</i> (Nagakeshar),<br/> <i>Moringa oleifera</i> (Sahjan), <i>Oroxylum indicum</i> (Syonaka),<br/> <i>Saraca asoca</i> (Ashok), <i>Spondias pinnata</i>(Aamraata),<br/> <i>Terminalia arjuna</i> (Arjun), <i>Terminalia bellerica</i>(Behera),<br/> <i>Terminalia chebula</i>(Harad).</p>                      |
| Uttarakhand   | <p><i>Berberis aristata</i>(Chitra), <i>Berberis asiatica</i> (Hemakanti),<i>Cinnamomum tamala</i> (Tejpat),<br/> <i>Origanum vulgare</i>, <i>Picrorrhiza kurroa</i>(Kutki), <i>Taxus wallichiana</i>(Talispatra), <i>Zanthoxylum armatum</i>(Timru).</p>  |
| Uttar Pradesh | <p><i>Azadirachta indica</i>(Neem), <i>Phyllanthus emblica</i> Syn. <i>Emblica officinalis</i> (Amla), <i>Terminalia bellerica</i>(Behera), <i>Terminalia chebula</i> (Harad), <i>Terminalia arjuna</i> (Arjun), <i>Aegle marmelos</i> (Bael).</p>   |
| West Bengal   | <p><i>Abroma augustum</i> (Ulat kambal), <i>Asparagus racemosus</i> (Satavar),<i>Cinnamomum tamala</i> (Tejpat), <i>Cinnamomum verum</i> Syn. <i>Cinnamomum zelynicum</i>(Dalchini), <i>Cymbopogon winterianus</i>, <i>Gmelina arborea</i>(Gambhari), <i>Gymnema sylvestre</i>(Gudmar),<i>Mesua ferrea</i> (Nagakeshar), <i>Oroxylum indicum</i>(Syonaka), <i>Rauwolfia serpentina</i> (Sarpghandha), <i>Rubia cordifolia</i> (Manjistha), <i>Saraca asoca</i> (Ashok), <i>Terminalia arjuna</i>(Arjun), <i>Tinospora cordifolia</i> (Giloe).</p>                            |