

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**LOK SABHA**  
**UNSTARRED QUESTION NO. 2797**  
TO BE ANSWERED ON 07.08.2023

**Herbal Medicines**

2797. SHRI RAMAKANT BHARGAVA:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether herbal medicines are found in Madhya Pradesh;
- (b) if so, the details thereof; and
- (c) the efforts being made for the conservation of herbal medicines?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
(SHRI ASHWINI KUMAR CHOUBEY)

(a), (b) and (c). During the exploration of Madhya Pradesh's floristic wealth, 176 medicinal plants were found and documented in the traditional knowledge of plants used in the preparation of herbal medicines by local inhabitants. A list of such medicinal plants is at Annexure 1.

The Government makes continuous efforts to conserve medicinal plants. The Central Sector Scheme is providing support to State Forest Department for *In-situ* conservation of herbal / medicinal plants by way of setting up of Medicinal Plants Conservation and Development Areas (MPCDAs), throughout the country. Botanical survey of India, Regional Ayurveda Fundamental Research Institute (RARI) Pune, Central Ayurveda Research Institute (CARI) - Bengaluru, CARI Jhansi, RARI Ranikhet, RARI Jaipur (Mangliawas) and RARI Itanagar are making continuous efforts in this regard. In addition, the state forest departments are also working towards rehabilitating medicinal plants of economic value in the forested areas through their working plans.

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## Annexure 1

## List of the medicinal plants

Sl. No	Botanical name	Common name	Family	Part used
<b>Plants with anticancer activity</b>				
1.	<i>Bacopa monnieri</i> Wett.	Jalbrahmi	Scrophulariaceae	Plant
2.	<i>Cardiospermum halicacabum</i> L.	Kanphuti	Sapindaceae	Plant
3.	<i>Cleome viscosa</i> L.	Hulhul	Capparidaceae	Plant
4.	<i>Clerodendrum serratum</i> Spreng.	Bhargi	Verbenaceae	Root
5.	<i>Eulophia nuda</i> Lindl.	Ambarkand	Orchidaceae	Tuber
6.	<i>Mallotus philippinensis</i> Muell. Arg.	Kamila	Euphorbiaceae	Fruit
7.	<i>Operculina turpethum</i> Silva Manso Enum.	Nisotha	Convolvulaceae	Root
8.	<i>Solanum surattense</i> Burm.F.	Kateri	Solanaceae	Plant
<b>Plants with antidiabetic activity</b>				
9.	<i>Cocculus hirsutus</i> L.	Jamti	Menispermaceae	Plant
10.	<i>Kyllinga triceps</i> Rottb.	Nirbisi	Cyperaceae	Root
11.	<i>Madhuca longifolia</i> var. <i>latifolia</i> (L.) Macbride	Madhua	Sapotaceae	Bark
12.	<i>Pongamia pinnata</i> (L.) Merr.	Karanj	Fabaceae	Plant
<b>Plants with antiinflammatory activity</b>				
13.	<i>Balanites aegyptiacas</i> Delile.	Hingot	Zygophyllaceae	Root
14.	<i>Barleria cristata</i> L.	Jhinti	Acanthaceae	Plant
15.	<i>Clerodendrum serratum</i> Spreng.	Barangi	Verbenaceae	Root
16.	<i>Desmodium gangeticum</i> DC.	Shalparni	Fabaceae	Root
17.	<i>Dregea volubilis</i> Benth.	Nakchhikni	Asclepiadaceae	Plant
18.	<i>Euphorbia neriifolia</i> L.	Sehund	Euphorbiaceae	Plant, Leaves
19.	<i>Girardinia zeylanica</i> Decne.	Alla, Bichua	Urticaceae	Leaves
20.	<i>Gossypium herbaceum</i> L.	Kupas, Rui	Malvaceae	Flower
21.	<i>Gymnema sylvestre</i> R. Br.	Merasingi	Asclepiadaceae	Plant
22.	<i>Lepidium sativum</i> L.	Chaunsar	Cruciferae	Seed

23.	<i>Martynia annua</i> L.	<i>Bichu, Hathajori</i>	Pedaliaceae	Fruit
24.	<i>Operculina turpethum</i> (L.) Silva Manso Enum.	<i>Nisotha</i>	Convolvulaceae	Root
25.	<i>Oxalis corniculata</i> L.	<i>Clover sorrel</i>	Oxalidaceae	Leaves
26.	<i>Pavonia odorata</i> Willd.	<i>Bala, Sugandhibala</i>	Malvaceae	Root
27.	<i>Pistia stratiotes</i> L.	<i>Jalkhumbi</i>	Araceae	Root
28.	<i>Polycarpaea corymbosa</i> Lamm.	<i>Bhisatta</i>	Caryophyllaceae	Leaves
29.	<i>Spilanthes acmella</i> L.	<i>Akar kara</i>	Asteraceae	Flower
30.	<i>Stereospermum suaveolens</i> DC.	<i>Padal</i>	Bignoniaceae	Root
31.	<i>Tectona grandis</i> L.	<i>Sagwan</i>	Verbenaceae	Wood
32.	<i>Tephrosia purpurea</i> Pers.	<i>Sarpankha</i>	Fabaceae	Root
33.	<i>Thespesia populnea</i> Soland.	<i>Bhendi, Parsipur</i>	Malvaceae	Flower
34.	<i>Vanda tessellata</i> Hook.ex G.Don	<i>Vanda</i>	Orchidaceae	Root
<b>Plants with antirheumatic activity</b>				
35.	<i>Alangium salvifolium</i> L. F.	Ankol, Akola	Alangiaceae	Leaves
36.	<i>Althaea rosea</i> Cav.Diss.	-	Malvaceae	Flower
37.	<i>Baliospermum montanum</i> Muell.	<i>Danti</i>	Euphorbiaceae	Root
38.	<i>Berberis asiatica</i> Roxb.	<i>Rasant</i>	Berberidaceae	Plant
39.	<i>Boerhavia diffusa</i> L.	<i>Punarnova</i>	Nyctaginaceae	Root
40.	<i>Cardiospermum halicacabum</i> L.	<i>Kanphuti</i>	Sapindaceae	Leaves, Plant
41.	<i>Cocculus hirsutus</i> (L.) Diels	<i>Chireta, Jamti</i>	Menispermaceae	Root
42.	<i>Costus speciosus</i> Sm.	<i>Keu</i>	Zingiberaceae	Root
43.	<i>Crateva nurvala</i> Ham.	<i>Barna, Barun</i>	Capparidaceae	Leaves
44.	<i>Cryptolepis buchananii</i> Roem & Schult.	<i>Dudhi</i>	Asclepiadaceae	Leaves
45.	<i>Cymbopogon martinii</i> (Roxb.) Wats.	<i>Palmarosa Grass</i>	Poaceae	Whole Plant
46.	<i>Cynodon dactylon</i> Pers.	<i>Dubghas</i>	Poaceae	Plant, Rhizome

47.	<i>Dalbergia lanceolaria</i> L.	<i>Bithua</i>	Fabaceae	Oil
48.	<i>Euphorbia tirucalli</i> L.	<i>Danda Thuar, Sind</i>	Euphorbiaceae	Milky Juice
49.	<i>Ficus benghalensis</i> L.	<i>Bada</i>	Moraceae	Milky juice
50.	<i>Holarrhena antidysenterica</i> Wall.	<i>Kurchi</i>	Apocynaceae	Plant
51.	<i>Jatropha curcas</i> L.	<i>Safed Arand</i>	Euphorbiaceae	Seed
52.	<i>Kydia calycina</i> Roxb.	<i>Puli, Boranga</i>	Malvaceae	Leaves
53.	<i>Leonotis nepetifolia</i> R. Br.	<i>Hajurchei</i>	Lamiaceae	Leaves
54.	<i>Lepidium sativum</i> L.	<i>Chaunsar, Halim</i>	Cruciferae	Seed
55.	<i>Madhuca longifolia</i> (var. <i>latifolia</i> ) (L.)	<i>Madhua</i>	Sapotaceae	Bark
56.	Macbride <i>Mallotus philippensis</i> Muell. Arg.	<i>Kamila</i>	Euphorbiaceae	Root
57.	<i>Melia azedarach</i> L.	<i>Bakain, Bakarja</i>	Meliaceae	Seed
58.	<i>Momordica charantia</i> L.	<i>Karela</i>	Cucurbitaceae	Fruit
59.	<i>Nyctanthes arbor-tristis</i> L.	<i>Parijata</i>	Oleaceae	Leaves
60.	<i>Papaver rhoeas</i> L.	<i>Lalpost, Lal</i>	Papavaraceae	Root
61.	<i>Pavonia odorata</i> Willd.	<i>Bala</i>	Malvaceae	Plant
62.	<i>Pergularia daemia</i> (Forsk) Chiov.	<i>Jutuk</i>	Asclepiadaceae	Plant
63.	<i>Psoralea corylifolia</i> L.	<i>Bavachi</i>	Fabaceae	Seed
64.	<i>Pueraria tuberosa</i> DC.	<i>Bankurma</i>	Fabaceae	Root
65.	<i>Sida acuta</i> Burm.	<i>Chikna</i>	Malvaceae	Root
66.	<i>Smilax zeylanica</i> L.	<i>Chobchini</i>	Liliaceae	Root
67.	<i>Spondias pinnata</i> Kurtz.	<i>Amara</i>	Anacardiaceae	Leaves, Bark
68.	<i>Trewia nudiflora</i> L.	<i>Pindara</i>	Euphorbiaceae	Root
69.	<i>Tribulus terrestris</i> L.	<i>Chhota Gokhru</i>	Zygophyllaceae	Root
70.	<i>Urginea indica</i> Kunth Enum.	<i>Jangli Piyaz</i>	Liliaceae	Bulb
71.	<i>Vanda tessellata</i> Hook.	<i>Vanda</i>	Orchidaceae	Root
<b>Plants with diuretic activity</b>				
72.	<i>Acalypha indica</i> L.	Khokali	Euphorbiaceae	Plant
73.	<i>Althea rosea</i> Cav. Diss.	-	Malvaceae	Seeds

74.	<i>Amaranthus caudatus</i> L.	-	Amaranthaceae	Plant
75.	<i>Biophytum sensitivum</i> (L.) DC	-	Oxalidaceae	Leaves
76.	<i>Boswellia serrata</i> Roxb.	<i>Kundur</i>	Burseraceae	Gum
77.	<i>Butea monosperma</i> O. Kuntze	<i>Palas</i>	Fabaceae	Leaves, Flowers
78.	<i>Cardiospermum halicacabum</i> L.	<i>Kanphuti</i>	Sapindaceae	Root
79.	<i>Cassytha filiformis</i> L.	<i>Amarbeli</i>	Lauraceae	Plant
80.	<i>Chlorophytum arundinaceum</i> Baker.	<i>Safed Musli</i>	Liliaceae	Root
81.	<i>Cissampelos pareira</i> L.	<i>Akauadi</i>	Menispermaceae	Root
82.	<i>Cleome viscosa</i> L.	<i>Hulhul</i>	Capparidaceae	Plant
83.	<i>Cordia oblique</i> Willd.	<i>Bhairala</i>	Boraginaceae	Fruit
84.	<i>Crinum asiaticum</i> L.	<i>Chindar</i>	Amaryllidaceae	Seeds
85.	<i>Curculigo orchioides</i> Gaertn.	<i>Kalimusli</i>	Amaryllidaceae	Rhizome
86.	<i>Curcuma zedoaria</i> Rosc.	<i>Kachura</i>	Zingiberaceae	Root
87.	<i>Cynodon dactylon</i> Pers.	<i>Dhoboghas</i>	Poaceae	Juice
88.	<i>Desmostachya bipinnata</i> Stapf. Infl. Cap.	<i>Dab.</i>	Poaceae	Root
89.	<i>Fumaria indica</i> Pugsley.	<i>Pitapapara</i>	Fumariaceae	Plant
90.	<i>Gossypium herbaceum</i> L.	<i>Kupas</i>	Malvaceae	Root
91.	<i>Gmnelina arborea</i> Roxb.	<i>Gamari</i>	Verbenaceae	Fruit
92.	<i>Gymnema sylvestre</i> (Retz)R. Br.	<i>Merasingi</i>	Asclepiadaceae	Leaves
93.	<i>Heliotropium indicum</i> L.	<i>Hattajurie</i>	Boraginaceae	Plant
94.	<i>Heliotropium strigosum</i> Willd.	<i>Chitiphul</i>	Boraginaceae	Plant
95.	<i>Hibiscus sabdariffa</i> L.	<i>Lalambari</i>	Malvaceae	Leaves
96.	<i>Homonoia riparia</i> Lour. Fl. Cochinch.	-	Euphorbiaceae	Root
97.	<i>Indigofera glabra</i> L.	-	Fabaceae	Plant
98.	<i>Lepidium sativum</i> L.	<i>Chaunsar</i>	Cruciferae	Seeds
99.	<i>Mangifera indica</i> L.	<i>Amb</i>	Anacardiaceae	Fruit
100.	<i>Melia azedarach</i> L.	<i>Bakain</i>	Meliaceae	Flowers, Leaves
101.	<i>Mucuna prurita</i> Hook.	<i>Goncha</i>	Fabaceae	Root
102.	<i>Nelumbo nucifera</i> Gaertn.	<i>Ambuj</i>	Nymphaeaceae	Root

103.	<i>Nicandra physalodes</i> Gaertn.	-	Solanaceae	Plant
104.	<i>Oxalis corniculata</i> L.	<i>Amrul</i>	Oxalidaceae	Plant
105.	<i>Phyllanthus reticulatus</i> Poir.	<i>Buinowla</i>	Euphorbiaceae	Leaves
106.	<i>Phyllanthus urinaria</i> L.	<i>Hazarmani</i>	Euphorbiaceae	Plant
107.	<i>Physalis divaricata</i> L.	<i>Chirpoti</i>	Solanaceae	Plant
108.	<i>Pistia stratiotes</i> L.	<i>Jalkhumbi</i>	Araceae	Root
109.	<i>Plumbago zeylanica</i> L.	<i>Chitrak</i>	Plumbaginaceae	Root
110.	<i>Polygonum hydropiper</i> L.	-	Polygonaceae	Herb, Leaves
111.	<i>Psoralea corylifolia</i> L.	<i>Bavachi</i>	Fabaceae	Fruit
112.	<i>Rorippa indica</i> L.	-	Brassicaceae	Plant
113.	<i>Scirpus grossus</i> L.F.	<i>Kasuru</i>	Cyperaceae	Root
114.	<i>Sebastiania orientalis</i> Muell-Arg.	-	Fabaceae	Seeds
115.	<i>Sida acuta</i> Burm.	<i>Chikna</i>	Malvaceae	Root
116.	<i>Solanum nigrum</i> L.	<i>Makoi</i>	Solanaceae	Fruit
117.	<i>Solanum surattense</i> Burm.F.	-	Solanaceae	Fruit
118.	<i>Stereospermum personatum</i> (Hassk.)	<i>Padar</i>	Bignoniaceae	Root Bark
119.	<i>Stereospermum suaveolens</i> DC.	<i>Pad</i>	Bignoniaceae	Root Bark
120.	<i>Tectona grandis</i> L.	<i>Sagwan</i>	Verbenaceae	Flowers, Seeds
121.	<i>Thalictrum foliolosum</i> DC.	<i>Mamira</i>	Ranunculaceae	Root
122.	<i>Urginea indica</i> Kunth Enum.	<i>Jangli Piyaz</i>	Liliaceae	Bulb
123.	<i>Vetiveria zizanioides</i> (L.) Nash	<i>Khas</i>	Poaceae	Root
124.	<i>Acalypha indica</i> L.	<i>Khokali</i>	Euphorbiaceae	Plant
125.	<i>Baliospermum montanum</i> Muell-Arg.	<i>Danti</i>	Euphorbiaceae	Leaves
126.	<i>Biophytum sensitivum</i> (L.) DC	<i>Lajalu</i>	Oxalidaceae	Leaves
127.	<i>Boerhavia diffusa</i> L.	<i>Punarnava</i>	Nyctaginaceae	Plant
128.	<i>Celastrus paniculatus</i> Willd.	<i>Jyotismati</i>	Celastraceae	Seed Oil
129.	<i>Cissampelos pareira</i> L.	<i>Akauadi</i>	Menispermaceae	Root
130.	<i>Clerodendron serratum</i> Spreng.	<i>Bhargi</i>	Verbenaceae	Root
131.	<i>Costus speciosus</i> L.	<i>Pushkara</i>	Zingiberaceae	Root

132.	<i>Crinum asiaticum</i> L.	<i>Chindar</i>	Amaryllidaceae	Tuber
133.	<i>Curculigo orchoides</i> Gaertn.	<i>Kalimusli</i>	Amaryllidaceae	Rhizome
134.	<i>Curcuma zedoaria</i> Rosc.	<i>Kalihaladi</i>	Scitamineae	Rhizome
135.	<i>Desmodium gangeticum</i> (L.) DC.	<i>Shalpurni</i>	Fabaceae	Root
136.	<i>Dregea volubilis</i> Benth.	<i>Nakchhikni</i>	Asclepiadaceae	Plant
137.	<i>Eulophia nuda</i> Lindl.	<i>Ambarkand</i>	Orchidaceae	Plant
138.	<i>Euphorbia hirta</i> L.	<i>Dudhi</i>	Euphorbiaceae	Plant
139.	<i>Euphorbia neriifolia</i> L.	<i>Sehund</i>	Euphorbiaceae	Plant
140.	<i>Evolvulus alsinoides</i> L.	<i>Shyamakranta</i>	Covolvulaceae	Leaves
141.	<i>Gymnema sylvestre</i> (Retz.) R.Br	<i>Merasingi</i>	Asclepiadaceae	Plant
142.	<i>Holarrhena antidysenterica</i> Wall. ex. Dc.	<i>Kurchi</i>	Apocynaceae	Bark
143.	<i>Indigofera tinctoria</i> L.	<i>Neel</i>	Papilionaceae	Plant
144.	<i>Lepidium sativum</i> L.	<i>Chaunsar</i>	Cruciferae	Plant
145.	<i>Madhuca indica</i> Gmel.	<i>Madhua</i>	Sapotaceae	Bark
146.	<i>Mallotus philippinesis</i> Muell-Arg.	<i>Kamala</i>	Euphorbiaceae	Leaves
147.	<i>Mimosa pudica</i> L.	<i>Touch Me Not</i>	Mimosaceae	Root
148.	<i>Nelumbo nucifera</i> Gaertn.	<i>Ambuj</i>	Nymphaeaceae	Flower
149.	<i>Ochna Obtusata</i> spp. Pumila	-	Ochnaceae	Root, Bark
150.	<i>Operculina turpethum</i> (L.) Silva Manso Enum.	<i>Nisoth</i>	Convolvulaceae	Root
151.	<i>Oroxylum indicum</i> Vent.	<i>Arlu</i>	Bignoniaceae	Root Bark
152.	<i>Pavonia odorata</i> Willd.	<i>Bala</i>	Malvaceae	Plant
153.	<i>Passiflora foetida</i> L.	-	Passifloraceae	Leaves, Fruit
154.	<i>Pergularia daemia</i> Forssk.	<i>Sagovani</i>	Asclepidaceae	Leaves
155.	<i>Pistia stratiotes</i> L.	<i>Jalkhumbi</i>	Araceae	Leaves
156.	<i>Portulaeca oleracea</i> L.	<i>Barlumia</i>	Portulacaceae	Leaves
157.	<i>Psoralea corylifolia</i> L.	<i>Bavchi</i>	Fabaceae	Leaves
158.	<i>Ricinus communis</i> L.	<i>Jada</i>	Euphorbiaceae	Root
159.	<i>Solanum indicum</i> L.	<i>Barhata</i>	Solanaceae	Root
160.	<i>Solanum nigrum</i> L.	<i>Makoi</i>	Solanaceae	Berries

161.	<i>Solanum surattense</i> Burm. F.	<i>Kateli</i>	Solanaceae	Roots
162.	<i>Stereospermum suaveolens</i> DC.	<i>Padal</i>	Bignoniaceae	Root
163.	<i>Tectona grandis</i> L.	<i>Sagwan</i>	Verbenaceae	Flower, Bark
164.	<i>Tephrosia purpurea</i> L.	<i>Sarphonka</i>	Fabaceae	Plant
165.	<i>Urginea indica</i> Kunth Enum.	<i>Jangli piyaz</i>	Liliaceae	Bulb
166.	<i>Vanda tessellata</i> Hook.	<i>Rasna, Vanda</i>	Orchidaceae	Root
167.	<i>Withania somnifera</i>	<i>Ashwagandha</i>	Solanaceae	Root
168.	<i>Terminalia bellerica</i>	<i>Behera</i>	Combretaceae	Leaf, seed
169.	<i>Rauwolfia serpentina</i>	<i>Sarpgandha</i>	Apocynaceae	Roots
170.	<i>Phyllanthus emblica</i>	<i>Amla</i>	Phyllanthaceae	Fruits
171.	<i>Hedychium coronarium</i>	<i>Saugandhika pushp</i>	Zingiberaceae	Rhizome
172.	<i>Gmelina arborea</i>	<i>Gambhari</i>	Lamiaceae	Leaf
173.	<i>Andrographis paniculata</i>	<i>Kalmegh</i>	Acanthaceae	Hole Plant
174.	<i>Dioscorea deltoidea</i>	<i>Baniatakari</i>	Dioscoreaceae	Leaf
175.	<i>Gloriosa superba</i>	<i>Kalihari</i>	Colchicaceae	Tuberous rhizomes
176.	<i>Curcuma caesia</i>	<i>Kali haldi</i>	Zingiberaceae	Rhizomes