

**GOVERNMENT OF INDIA  
MINISTRY OF AYURVEDA, YOGA & NATUROPATHY, UNANI,  
SIDDHA AND HOMOEOPATHY (AYUSH)**

**LOK SABHA  
STARRED QUESTION NO. 250  
TO BE ANSWERED ON THE 17<sup>TH</sup> MARCH, 2023**

**PROMOTION OF MEDICINAL PLANTS**

**\*250. SHRI SHANMUGA SUNDARAM K.:  
SHRI NARANBHAI KACHHADIYA:**

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government has any schemes to promote the cultivation of medicinal plants in the country and if so, the details thereof;
- (b) whether the Government has any special schemes for the cultivation of medicinal plants in Western Ghats region like Pollachi which are home to a number of traditional plants and offer favourable conditions for the cultivation of medicinal plants and in Katni, Chhatarpur and Panna districts of Madhya Pradesh;
- (c) if so, the details thereof and if not, the reasons therefor;
- (d) whether the slow growth in the field of Ayurveda in the country is due to geographical, climatic and local agricultural practices and the medicinal plants being cultivated; and
- (e) if so, the steps taken by the Government to promote the cultivation/plantation of medicinal plants in accordance with the climatic conditions prevailing in different parts of the country to increase production, if so, the details thereof and if not, the reasons therefor?

**ANSWER  
THE MINISTER OF AYURVEDA, YOGA & NATUROPATHY, UNANI,  
SIDDHA AND HOMOEOPATHY (AYUSH)**

**(SHRI SARBANANDA SONOWAL)**

(a) to (e) A Statement is laid on the Table of the House.

**STATEMENT REFERRED TO IN REPLY TO LOK SABHA  
STARRED QUESTION NO. 250\* FOR 17<sup>TH</sup> MARCH, 2023**

(a) No, Sir. However, Ministry of Ayush, Government of India had implemented Centrally Sponsored Scheme of National Ayush Mission (NAM) to promote the cultivation of medicinal plants from the financial year 2015-16 to 2020-21. As per the scheme guidelines, the support was provided for:

- (i) Cultivation of prioritized medicinal plants on farmer's land.
- (ii) Establishment of nurseries with backward linkages for raising and supply of quality planting material.
- (iii) Post-harvest management with forwarding linkages.
- (iv) Primary processing, marketing infrastructure etc.

Till date, Ministry of Ayush had supported 56,305 hectare area, 220 nurseries, 354 post-harvest management units, 25 Processing Units, 42 Rural / District Collection Centres / Retail outlet, 10 Seed germplasm centres, 15 Demonstration plots, 235 workshops / buyer-seller meets / exposure visits under Information, Education & Communication activities and training for 19061 farmers etc. under medicinal plants component of National Ayush Mission (NAM) from the financial year 2015-16 to 2020-21. The details of activities supported under National Ayush Mission scheme for medicinal plants component is given at **Annexure - I.**

Presently, National Medicinal Plants Board, Ministry of Ayush, Government of India is implementing Central Sector Scheme on "Conservation, Development and Sustainable Management of Medicinal Plants" wherein following activities are supported:

- (i) *In-situ* conservation / *Ex-situ* conservation
- (ii) Livelihood linkages with Joint Forest Management Committees (JFMCs) / Panchayats / Van Panchayats / Biodiversity Management Committees (BMCs) / Self Help Groups (SHGs).
- (iii) IEC activities like Training / workshops / Seminars/ Conferences etc.
- (iv) Research & Development.
- (v) Promotion, marketing and trade of medicinal plants produce.
- (vi) Establishment of nurseries.

The National Medicinal Plants Board (NMPB) has supported 264 projects under Information Education and Communication (IEC) activities to aware the local masses about the medicinal plants, 19 projects under marketing of medicinal plants, 224 projects for establishment of herbal garden through different organizations and 89 projects for establishment of nurseries to raise the Quality Planting Material. State wise project detail is given at **Annexure – II**.

In addition, the National Medicinal Plants Board, Ministry of Ayush through its Regional Cum Facilitation Centres (RCFCs) is also providing financial and technical assistance to farmers/other stakeholders for development of Quality Planting Material of medicinal plants and herbs in different States. As per the provision of scheme guidelines, NMPB has set up 7 Regional Cum Facilitation Centres (RCFCs) in project mode to promote various medicinal plants activities in different regions / areas of the country. Detail is given at **Annexure – III**.

(b) No, Sir. However, Ministry of Ayush, Government of India had implemented Centrally Sponsored Scheme of National Ayush Mission (NAM) for cultivation of medicinal plants from the financial year 2015-16 to 2020-21 throughout the country. Under ‘Medicinal Plants’ component of National Ayush Mission Scheme, Ministry of Ayush had supported cultivation of 54 prioritized medicinal plants out of 140 medicinal plants in identified clusters/zones in the states of Western Ghats and Madhya Pradesh as per their agro climatic condition. The detail is given at **Annexure – IV**.

Till date, Ministry of Ayush had supported 25,017 hectare area under cultivation of medicinal plants in the states of Western Ghats including Madhya Pradesh. The detail of area supported under medicinal plants component of National Ayush Mission (NAM) scheme from the financial year 2015-16 to 2020-21 in the states of Western Ghats and Madhya Pradesh is given below.

(Area in hectare)

S.No.	States	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	TOTAL
1	Goa	0	23	30	30	30	0	113
2	Gujarat	141	192	85	518	0	0	936
3	Karnataka	529	706	769	469	353	1100	3926
4	Kerala	258	535	736	410	0	330	2269
5	Maharashtra	327	0	444	0	520	0	1291
6	Tamil Nadu	633	960	673	765	900	0	3931
7	Madhya Pradesh	1681	2518	2030	1262	790	4270	12551
<b>TOTAL</b>		<b>3569</b>	<b>4934</b>	<b>4767</b>	<b>3454</b>	<b>2593</b>	<b>5700</b>	<b>25017</b>

(c) The Ministry of Ayush, Government of India had taken initiative and formulated a draft scheme namely “Pradhan Mantri VRIKSH AYUSH Yojana” to promote Cultivation of Medicinal Plants. However, the activities related to cultivation of medicinal plants have been finalised in consultation with Ministry of Agriculture and Farmers Welfare. Hence, the competent authority has decided to withdraw the Cabinet Note on PM Vriksh Ayush.

(d) No, Sir. As per the report “Ayush Sector in India Prospects and Challenges” of Research and Information System (RIS) market size of Indian Ayush industry was reported to be US\$ 18.1 billion in 2020-21 which was US\$ 2.85 billion in 2014-15 as reported in another study. As per the final estimate of financial year 2020-21 shared by Statistics Division, Ministry of Agriculture & Farmers Welfare, an area of 6,53,000 hectare has been covered under cultivation of medicinal and aromatic plants with production of 8,25,000 MT.

(e) Not applicable.

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**Annexure-I****Details of activities supported under Medicinal Plants Component of “National Ayush Mission” (NAM) Scheme, Ministry of Ayush from the Financial Year 2015-16 to 2020-21.**

<b>S. No.</b>	<b>Activities supported</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>TOTAL</b>
1	Cultivation of Medicinal Plants (Area in hectare)	8722	12109	10366	9958	6794	8356	<b>56305</b>
2	Maintenance of cultivation	2031	164	163	176	130	10	<b>2673</b>
3	Establishment of Nursery	32	39	38	38	50	23	<b>220</b>
4	Post-harvest Management	62	48	66	52	99	27	<b>354</b>
5	Processing Unit	1	2	3	1	16	2	<b>25</b>
6	Rural / District Collection Centres / Retail outlet	0	11	9	17	2	3	<b>42</b>
7	Seed germplasm centres	0	3	5	0	1	1	<b>10</b>
8	Demonstration plot	0	2	2	2	6	3	<b>15</b>
9	IEC activities	0	25	43	82	53	32	<b>235</b>
10	Training for farmers	0	1250	4584	7532	4195	1500	<b>19061</b>

**Detail of projects supported under Central Sector Scheme on “Conservation, Development and Sustainable Management of Medicinal Plants”**

S.No.	State	No. of Project supported			
		Quality Planting Material	Information, Education & Communication	Marketing and Trade	Institutional Herbal Garden
1	A & N Island	0	0	0	2
2	Andhra Pradesh	6	5	0	10
3	Arunachal Pradesh	1	6	0	3
4	Assam	3	13	0	13
5	Bihar	1	0	0	1
6	Chhattisgarh	0	1	0	2
7	Delhi	3	44	10	14
8	Goa	1	0	0	2
9	Gujarat	2	6	0	11
10	Haryana	0	3	0	8
11	Himachal Pradesh	1	4	0	5
12	Jammu & Kashmir	3	2	0	9
13	Jharkhand	3	4	0	4
14	Karnataka	2	19	0	10
15	Kerala	5	10	0	26
16	Ladakh	0	2	0	0
17	Madhya Pradesh	4	16	1	1
18	Maharashtra	4	19	1	21
19	Manipur	3	3	0	2
20	Meghalaya	0	3	0	0
21	Mizoram	1	1	0	3
22	Nagaland	3	3	0	1
23	Odisha	2	10	0	7
24	Pondicherry	0	0	0	1
25	Punjab	3	8	0	6
26	Rajasthan	3	9	2	9
27	Sikkim	2	1	0	0
28	Tamil Nadu	1	21	0	14
29	Telangana	4	6	3	5
30	Uttar Pradesh	5	11	0	12
31	Uttarakhand	19	14	0	11
32	West Bengal	4	20	2	11
<b>Total</b>		<b>89</b>	<b>264</b>	<b>19</b>	<b>224</b>

## Annexure – III

## Detail of Regional cum Facilitation Centres (RCFCs)

S. No.	Name and Address of RCFC	State Covered
1.	<b>RCFC (Northern Region-I)</b> Research Institute in Indian Systems of Medicine (RIISM), Joginder Nagar, Dist. Mandi, Himachal Pradesh – 175 015	Chandigarh, Delhi, Haryana, Himachal Pradesh, Punjab, Uttarakhand, Uttar Pradesh
2.	<b>RCFC (Northern Region-II)</b> Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir (SKUAST-K), Faculty of Agriculture, Wadura, Sopore - 193201, Jammu & Kashmir	Jammu & Kashmir, Ladakh
3.	<b>RCFC (Central Region)</b> State Forest Research Institute (SFRI), Polipathar, Jabalpur, Madhya Pradesh – 482 008	Chhattisgarh, Madhya Pradesh
4.	<b>RCFC (Eastern Region)</b> Jadavpur University, 188, Raja S.C. Mallick Road, Kolkata – 700032, West Bengal	Bihar, Jharkhand, Orissa, West Bengal
5.	<b>RCFC (Southern Region)</b> Kerala Forest Research Institute (KFRI), Peechi – 680653, Thrissur, Kerala	Andaman & Nicobar, Andhra Pradesh, Karnataka, Kerala, Lakshadweep, Puducherry, Tamil Nadu, Telangana
6.	<b>RCFC (Western Region)</b> Department of Botany, Savitribai Phule Pune University, Ganeshkhind, Pune-411007, Maharashtra	Goa, Gujarat, Maharashtra, Rajasthan, Dadra & Nagar Haveli and Daman & Diu
7.	<b>RCFC (North Eastern Region)</b> Council of Scientific and Industrial Research - North East Institute of Science & Technology (CSIR–NEIST), NH-37, Pulibor, Jorhat, Assam 785006	Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura

**Details of Medicinal plants supported in the state of Western Ghats and Madhya Pradesh as per their climatic conditions under Medicinal Plants Component of “National Ayush Mission” (NAM) Scheme, Ministry of Ayush from the Financial Year 2015-16 to 2020-21.**

S.No.	Botanical name	Common name	Area in hectare
1	<i>Acorus calamus</i>	Bach	81
2	<i>Adhatoda zeylanica</i>	Adusa	60
3	<i>Aegle marmelos</i>	Beal	125
4	<i>Aloe vera</i>	Ghritkumari	196
5	<i>Alpinia calcarata</i>	Smaller galanga	50
6	<i>Alpinia galangal</i>	Greater Galanga	45
7	<i>Andrographis paniculata</i>	Kalmegh	1112
8	<i>Aquilaria agallocha</i>	Agarwood	356
9	<i>Asparagus racemosus</i>	Shatavari	429
10	<i>Azadirachta indica</i>	Neem	76
11	<i>Bacopa monnieri</i>	Brahmi	72
12	<i>Bergenia ciliata</i>	Pashanbheda	40
13	<i>Boerhaavia diffusa</i>	Punarnava	10
14	<i>Caesalpinia sappan</i>	Patang	5
15	<i>Cassia angustifolia</i>	Senna	486
16	<i>Catharanthus roseus</i>	Sadabahar	130
17	<i>Celastrus paniculata</i>	Malkangni	10
18	<i>Chlorophytum borivillianum</i>	Safed Musli	813
19	<i>Commiphora wightii</i>	Guggal	89
20	<i>Coleus barbatus</i>	Pather chur	2705
21	<i>Coleus forskholii</i>	Coleus	13
22	<i>Convolvulus microphyllus</i>	Shankpushpi	25
23	<i>Desmodium gangeticum</i>	Sarivan	85
24	<i>Embelia ribes</i>	Vai vindang	5
25	<i>Emblica officinalis</i>	Amla	985
26	<i>Garcinia indica</i>	Kokkum	163
27	<i>Gloriosa superba</i>	Kalihari	439
28	<i>Gmelina arborea</i>	Gambhari	205
29	<i>Hemidesmus indicus</i>	Anantmool	2
30	<i>Kaempferia galanga</i>	Indian crocus	70
31	<i>Lepidum sativum</i>	Chandrasur	310
32	<i>Leptadenia reticulata</i>	Jivanti	45



33	<i>Mucuna Prurita</i>	Konch	141
34	<i>Ocimum sanctum</i>	Tulsi	5214
35	<i>Oroxylum indicum</i>	Syonaka	10
36	<i>Piper longum</i>	Pippali	906
37	<i>Plantago ovata</i>	Isabgol	270
38	<i>Plumbago zeylanica</i>	Chitrak	160
39	<i>Pterocarpus marsupium</i>	Beejasar	120
40	<i>Pterocarpus santalinus</i>	Raktachandan	276
41	<i>Pueraria tuberosa</i>	Vidarikand	5
42	<i>Rauwolfia serpentina</i>	Sarpagandha	57
43	<i>Santalum album</i>	Chandan	1162
44	<i>Saraca asoca</i>	Ashok	325
45	<i>Sida rhombifolia</i>	Flannel weed	30
46	<i>Solanum nigrum</i>	Makoy	91
47	<i>Solanum xanthocarpum</i>	Kantakari	10
48	<i>Stevia rebaudiana</i>	Madhukari	1062
49	<i>Terminalia arjuna</i>	Arjun	20
50	<i>Terminalia chebula</i>	Harad	38
51	<i>Tinospora cordifolia</i>	Giloe	29
52	<i>Uraria picta</i>	Prishnaparni	20
53	<i>Vitex nirgundo</i>	Nirgundi	20
54	<i>Withania somnifera</i>	Ashwagandha	5814
<b>Grand Total</b>			<b>25017</b>