

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. †4077  
TO BE ANSWERED ON 24/03/2023**

**CULTIVATION AND PROMOTION OF MEDICINAL PLANTS**

**†4077. SHRI VINOD L. CHAVDA:  
SHRI GAJANAN KIRTIKAR:  
SHRIMATI DELKAR KALABEN MOHANBHAI:**

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

- a) whether the Government has launched any programme or scheme for “Cultivation and Promotion of Medicinal Plants” for farmers and health benefits of people, if so, the details thereof;
- b) the steps being taken/proposed to be taken by the Government to promote and conserve the cultivation of medicinal plants in various parts of the country State/UT-wise including Kutch region of Gujarat, Maharashtra, Dadra and Nagar Haveli and Daman and Diu;
- c) the amount allocated for the conservation, cultivation and infrastructure development for medicinal plants farming under the Ministry of AYUSH during the last three years;
- d) the details thereof, State/UT-wise particularly in the above said areas; and
- e) the steps taken/proposed to be taken by the Government to propagate the AYUSH system and medicines outside the country?

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

**(a)** No, Sir & Madam. 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.

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.

**(b)** The National Medicinal Plants Board, Ministry of Ayush, Government of India is presently implementing Central Sector Scheme on “Conservation, Development and Sustainable Management of Medicinal Plants” throughout the country including the Kutch region of Gujarat, Maharashtra, Dadra and Nagar Haveli and Daman & Diu. Under the same scheme, NMPB, Ministry of Ayush has supported 562 projects to State Forest Departments for Conservation, Resource Augmentation of medicinal plants and support to JFMCs/BMCs etc. for value addition and livelihood generation in forest areas, 264 projects under Information, Education and Communication (IEC) activities to aware the local masses about the medicinal plants, 89 projects for establishment of nurseries to raise the quality planting material, 19 projects under marketing of medicinal plants and 224 projects for establishment of herbal garden throughout the country since its inception. Detail is given at **Annexure – I**.

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 – II**.

Under medicinal plants component of National Ayush Mission (NAM) scheme, Ministry of Ayush had supported 56,305 hectare area under cultivation of medicinal plants, 220 nurseries, 354 post-harvest management units, 25 processing units, 42 rural / district collection centres / retail outlet, etc. from the financial year 2015-16 to 2020-21 throughout the country including Gujarat and Maharashtra. Beside this, Ministry of Ayush had supported Information, Education & Communication (IEC) activities such as 235 workshops / buyer-seller meets / exposure visits and training for 19061 farmers etc. under flexi component of medicinal plants component of National Ayush Mission (NAM) scheme from the financial year 2015-16 to 2020-21 throughout the country including Gujarat and Maharashtra. Detail is given at **Annexure – III**.

(c) & (d) The National Medicinal Plants Board, Ministry of Ayush, Government of India has allocated/sanctioned an amount of Rs.3291.93 lakh to State Forest Departments for Conservation, Resource Augmentation of medicinal plants and support to JFMCs / BMCs etc. for value addition and livelihood generation during the last three years under Central Sector Scheme. State-wise details of fund is given below.

**The state-wise details of funds allocated / sanctioned to State Forest Departments for *In-situ* / *Ex-situ* Conservation, Resource Augmentation of Medicinal Plants and Support to JFMC's / BFMC's.**

Name of State	Fund Allocated / Sanctioned (Rs. In Lakh)			
	2019-20	2020-21	2021-22	TOTAL
Assam	84.06	0	0	<b>84.06</b>
Gujarat	0	236.71	1411.47	<b>1648.18</b>
Karnataka	91.82	0	0	<b>91.82</b>
Odisha	0	40.00	0	<b>40</b>
Rajasthan	138.60	0	0	<b>138.6</b>
Sikkim	438.32	0	0	<b>438.32</b>
Tripura	200.00	435.64	0	<b>635.64</b>
Uttarakhand	215.31	0	0	<b>215.31</b>
<b>Total :</b>	<b>1168.11</b>	<b>712.35</b>	<b>1411.47</b>	<b>3291.93</b>

Beside this, Ministry of Ayush had released an amount of Rs. 4181.45 lakh (including state share) for cultivation of medicinal plants and Rs. 1265.77 lakh for infrastructures development for medicinal plants farming such as post-harvest management units, processing units and rural/district collection centres/ retail outlets under the medicinal plants component of National Ayush Mission scheme throughout the country during the last three years. Detail is given at **Annexure – IV**.

(e) The Ministry of Ayush has developed a Central Sector Scheme for the Promotion of International Co-operation in AYUSH (IC Scheme) under which the Ministry of Ayush provides support to Indian Ayush drug Manufacturers/ Ayush Service providers to give boost to the export of AYUSH products & services; facilitates the International promotion, development and recognition of AYUSH system of medicine; foster interaction of stakeholders and market development of AYUSH at international level; promote academics and research through the establishment of AYUSH Academic Chairs in foreign countries and holding training workshop/symposiums for promoting and strengthening awareness and interest about AYUSH Systems of Medicine at international level.

The Ministry of Ayush has taken the following steps towards the international recognition for AYUSH systems of medicine:

- Signed 24 Country to Country MoUs for Cooperation in field of Traditional Medicine and Homoeopathy with foreign nations.

- Signed 40 MoUs with international institutes for undertaking Collaborative Research / Academic collaboration.
- Signed 15 MoUs with international institutes for setting up of AYUSH Academic Chairs in foreign nations.
- Supported the establishment of 39 Ayush Information Cells in 35 foreign nations.
- Offers scholarships to foreign nationals for undertaking AYUSH courses in recognized AYUSH institutions in India under International Ayush Fellowship/Scholarship Programme.
- In cooperation with QCI, got developed Quality Certification programme viz. Ayush mark and Premium mark to increase reliability of standards of ASU&H Products.
- Given WHO-GMP (COPP) to 31 Ayurvedic Drug manufacturers to facilitate the export of Ayurveda, Siddha, and Unani & Homoeopathy Drugs.
- Signed an agreement with WHO to establish WHO-GCTM in Jamnagar, Gujarat, the ground-breaking Ceremony of which was attended by the Hon'ble Prime Minister of India, Director General of WHO and other esteemed dignitaries on 19.04.2022 in Jamnagar, Gujarat. This Centre aims to provide support to implement WHO's traditional medicine strategy (2014-23) and to support nations in developing policies & action plans to strengthen the role of traditional medicine as part of their journey to universal health coverage.

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

S. No.	State	No. of Project supported				
		Conservation, Resource Augmentation of medicinal plants and support to JFMCs/BMCs	Quality Planting Material	Information, Education & Communication	Marketing and Trade	Institutional Herbal Garden
1	Andaman & Nicobar	3	0	0	0	2
2	Andhra Pradesh	18	6	5	0	10
3	Arunachal Pradesh	18	1	6	0	3
4	Assam	8	3	13	0	13
5	Bihar	0	1	0	0	1
6	Chhattisgarh	38	0	1	0	2
7	Chandigarh	1	0	0	0	0
8	Delhi	0	3	44	10	14
9	Dadra Nagar Haveli	2	0	0	0	0
10	Goa	4	1	0	0	2
11	Gujarat	39	2	6	0	11
12	Haryana	9	0	3	0	8
13	Himachal Pradesh	17	1	4	0	5
14	Jammu & Kashmir	7	3	2	0	9
15	Jharkhand	10	3	4	0	4
16	Karnataka	32	2	19	0	10
17	Kerala	33	5	10	0	26
18	Ladakh	0	0	2	0	0
19	Madhya Pradesh	44	4	16	1	1
20	Maharashtra	43	4	19	1	21
21	Manipur	14	3	3	0	2
22	Meghalaya	9	0	3	0	0
23	Mizoram	25	1	1	0	3
24	Nagaland	11	3	3	0	1
25	Orissa	27	2	10	0	7
26	Pondicherry	0	0	0	0	1
27	Punjab	9	3	8	0	6
28	Rajasthan	22	3	9	2	9
29	Sikkim	31	2	1	0	0
30	Tamil Nadu	12	1	21	0	14

31	Telangana	2	4	6	3	5
32	Tripura	14	0	0	0	0
33	Uttar Pradesh	11	5	11	0	12
34	Uttarakhand	39	19	14	0	11
35	West Bengal	10	4	20	2	11
	<b>Total</b>	<b>562</b>	<b>89</b>	<b>264</b>	<b>19</b>	<b>224</b>

## 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

## Annexure-III

**Detail of activities supported under Medicinal Plants Component of National AYUSH Mission (NAM) scheme from the financial year 2015-16 to 2020-21.**

S. No.	State	Area supported under cultivation (In ha.)	No. of nurseries	No. of Post-Harvest Management Units	No. of Processing Unit	Marketing infrastructure	IEC activities under Flexi component	No. of farmers for Training
1	Andhra Pradesh	4350	22	12	0	1	12	385
2	Arunachal Pradesh	364	5	1	0	0	1	275
3	Assam	624	4	25	0	5	2	350
4	Bihar	175	7	14	7	0	3	700
5	Chhattisgarh	400	5	10	1	2	6	600
6	Goa	113	4	1	0	0	1	120
7	Gujarat	936	13	12	3	1	9	1200
8	Haryana	420	1	0	0	0	6	75
9	Himachal Pradesh	236	9	13	0	0	3	0
10	Jammu & Kashmir	141	17	5	4	1	4	1207
11	Karnataka	3926	1	14	1	0	14	375
12	Kerala	2269	17	10	0	5	5	200
13	Madhya Pradesh	12551	0	63	0	1	64	1590
14	Maharashtra	1291	6	10	2	1	2	300
15	Manipur	616	6	4	0	2	3	450
16	Meghalaya	178	7	4	0	1	4	100
17	Mizoram	373	10	4	1	1	10	1100
18	Nagaland	752	7	1	0	0	1	0
19	Orissa	866	3	2	0	0	3	200
20	Puducherry	50	1	1	0	0	0	50
21	Punjab	598	11	4	0	0	10	450
22	Rajasthan	4113	16	18	4	6	18	2500
23	Sikkim	237	1	0	0	0	1	0
24	Tamil Nadu	3931	0	4	0	0	0	250
25	Telangana	1674	9	1	0	6	12	1235
26	Tripura	256	0	3	0	0	0	249
27	Uttarakhand	802	6	19	0	0	3	1000
28	Uttar Pradesh	12300	21	65	0	8	32	3200
29	West Bengal	1763	11	34	2	1	6	900
<b>TOTAL</b>		<b>56305</b>	<b>220</b>	<b>354</b>	<b>25</b>	<b>42</b>	<b>235</b>	<b>19061</b>



Detail of fund sanctioned for Cultivation of Medicinal Plants and Infrastructures development (Post-harvest Management units (PHM), processing units and Rural/District collection centres (RCC /DCC)/ retail outlets) under Medicinal Plants Component of National Ayush Mission (NAM) scheme during the last three years.

(Amount in lakh)

S. No.	State Name	Fund Sanctioned for Cultivation of medicinal plants (including state share)			Fund Sanctioned for Infrastructures development (PHM units, processing units and RCC/DCC/retail outlets)		
		2019-20	2020-21	Total	2019-20	2020-21	Total
1	Andhra Pradesh	220.41	0.00	<b>220.41</b>	40.00	0.00	<b>40.00</b>
2	Arunachal Pradesh	26.26	59.50	<b>85.76</b>	0.00	0.00	<b>0.00</b>
3	Assam	0.00	0.00	<b>0.00</b>	0.00	0.00	<b>0.00</b>
4	Bihar	74.49	0.00	<b>74.49</b>	179.97	0.00	<b>179.97</b>
5	Chhattisgarh	0.00	0.00	<b>0.00</b>	0.00	0.00	<b>0.00</b>
6	Goa	9.74	0.00	<b>9.74</b>	10.00	0.00	<b>10.00</b>
7	Gujarat	0.00	0.00	<b>0.00</b>	0.00	0.00	<b>0.00</b>
8	Haryana	0.00	0.00	<b>0.00</b>	0.00	0.00	<b>0.00</b>
9	Himachal Pradesh	54.44	0.00	<b>54.44</b>	20.00	0.00	<b>20.00</b>
10	Jammu & Kashmir	18.29	21.54	<b>39.83</b>	60.00	14.00	<b>74.00</b>
11	Karnataka	114.67	359.88	<b>474.55</b>	20.00	5.00	<b>25.00</b>
12	Kerala	0.00	101.11	<b>101.11</b>	0.00	70.00	<b>70.00</b>
13	Madhya Pradesh	287.87	853.74	<b>1141.61</b>	200.00	90.00	<b>290.00</b>
14	Maharashtra	285.36	0.00	<b>285.36</b>	105.00	0.00	<b>105.00</b>
15	Manipur	15.83	0.00	<b>15.83</b>	0.00	0.00	<b>0.00</b>
16	Meghalaya	31.53	0.00	<b>31.53</b>	0.00	0.00	<b>0.00</b>
17	Mizoram	0.95	10.30	<b>11.26</b>	10.00	10.00	<b>20.00</b>
18	Nagaland	0.00	75.48	<b>75.48</b>	0.00	0.00	<b>0.00</b>
19	Orissa	0.00	0.00	<b>0.00</b>	0.00	0.00	<b>0.00</b>
20	Puducherry	0.78	0.00	<b>0.78</b>	0.00	0.00	<b>0.00</b>
21	Punjab	66.15	0.00	<b>66.15</b>	0.00	0.00	<b>0.00</b>
22	Rajasthan	327.85	0.00	<b>327.85</b>	110.00	0.00	<b>110.00</b>
23	Sikkim	0.00	40.99	<b>40.99</b>	0.00	0.00	<b>0.00</b>
24	Tamil Nadu	260.99	0.00	<b>260.99</b>	20.00	0.00	<b>20.00</b>
25	Telangana	65.75	0.00	<b>65.75</b>	0.00	0.00	<b>0.00</b>
26	Tripura	0.00	0.00	<b>0.00</b>	0.00	0.00	<b>0.00</b>
27	Uttarakhand	133.60	0.00	<b>133.60</b>	30.00	0.00	<b>30.00</b>
28	Uttar Pradesh	0.00	503.01	<b>503.01</b>	0.00	100.00	<b>100.00</b>
29	West Bengal	160.93	0.00	<b>160.93</b>	171.80	0.00	<b>171.80</b>
	<b>TOTAL</b>	<b>2155.89</b>	<b>2025.56</b>	<b>4181.45</b>	<b>976.77</b>	<b>289.00</b>	<b>1265.77</b>