

**GOVERNMENT OF INDIA
MINISTRY OF AYUSH**

**RAJYA SABHA
UNSTARRED QUESTION NO. 2721
ANSWERED ON 17th MARCH, 2026
“NMPB”**

2721. Promoting cultivation of medicinal plants

Shri Ujjwal Deorao Nikam:

Shri Aditya Prasad:

Smt. Seema Dwivedi:

Shri Kesridevsinh Jhala:

Shri Mayankkumar Nayak:

Shri Mithlesh Kumar:

Dr. Medha Vishram Kulkarni:

Shri Subhash Barala:

Shri Deepak Prakash:

Smt. Maya Naroliya:

Dr. Parmar Jashvantsinh Salamsinh:

Shri Harsh Mahajan:

Shri Baburam Nishad:

Shri S. Selvaganabathy:

Shri Chunnilal Garasiya

Will the Minister of AYUSH be pleased to state:

- a) the details of projects sanctioned and funds released under the central sector scheme on conservation, development, and sustainable management of medicinal plants during the last five years, state-wise;
- b) the measurable impact of this scheme on the area expansion and cultivation of medicinal plants across the country including Jharkhand and Haryana;
- c) the steps taken for in-situ and ex-situ conservation of rare, endangered and threatened medicinal species;
- d) the effectiveness of the e-Charak mobile application in improving market access and price transparency for medicinal plant growers; and
- e) whether there is any monitoring mechanism to track survival rate, productivity and income enhancement of medicinal plant cultivators?

ANSWER

THE MINISTER OF AYUSH (INDEPENDENT CHARGE)

(SHRI PRATAPRAO JADHAV)

(a): The National Medicinal Plants Board (NMPB), Ministry of Ayush is presently implementing “Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants” throughout the country. Under the scheme, the project-based support is provided for following activities:

- i. In-situ conservation through development of Medicinal Plants Conservation and Development Areas (MPCDAs).
- ii. In-situ/Ex-situ resource augmentation.
- iii. Ex-situ conservation through establishment of herbal gardens.

- iv. Livelihood linkages with Joint Forest Management Committees (JFMCs) / Panchayats / Van Panchayats / Biodiversity Management Committees (BMCs) / Self Help Groups (SHGs).
- v. IEC activities like Training / workshops / Seminars/ Conferences etc.
- vi. Research & Development.
- vii. Promotion of marketing and trade of medicinal plants produce.
- viii. Forward and backward linkage in supply chain of medicinal plants.

The details of projects sanctioned and funds released under the Central Sector Scheme on Conservation, Development and Sustainable management of Medicinal Plants during the last five years, state wise at **Annexure I**

(b): The Forward and backward linkage in supply chain of medicinal plants (Integrated Component of the scheme) is one of the component of CSS scheme wherein following activities are supported:

- Infrastructure for Quality Planting Material to raise the planting material of medicinal plants for cultivation.
- Information Education Communication (IEC) activities to aware the farmers.
- Infrastructure for Post-Harvest Management and Marketing to increase the marketability of the medicinal plants, adding value to the produce, increasing profitability and reducing losses.
- Quality Testing and Certification of raw material.

National Medicinal Plants Board, Ministry of Ayush, has approved total 15 project proposals to the different organization including State Medicinal Plants Board, Haryana under Forward and Backward Linkages in supply chain of Medicinal Plants (Integrated Component) of Central Sector Scheme of NMPB from the Financial Year 2023 -24 to till date. Out of 15 project proposals, the fund was released only for 7 projects. The detail is given at **Annexure - I**.

(c): The National Medicinal Plants Board (NMPB), Ministry of Ayush under its “Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants” is providing project based support to State Forest Departments for in-situ conservation of medicinal plants in their natural habitats by way of establishing Medicinal Plants Conservation and Development Areas (MPCDAs), Resource Augmentation/ Plantation of rare, endangered and threatened medicinal plants species in forest areas through in-situ resource augmentation and plantation outside designated forest areas through ex-situ resource augmentation throughout the country. Under the scheme, research projects have also been supported to various government as well as private universities/research institutions/organizations across the country for promotion of conservation of rare, endangered and threatened medicinal plant species. Details are appended in **Annexure II**.

(d) & (e): To provide a platform for trade of Medicinal Plants & easy market access, National Medicinal Plants Board (NMPB), Ministry of AYUSH has launched “e-CHARAK” mobile application as well as web portal for the promotion and marketing of medicinal plants/herbs. The “e-CHARAK” is a platform to enable information exchange between various stakeholders mainly farmers involved in the medicinal plants sector across the country. The “e-CHARAK” application supports different local languages and it also provides fortnightly market price of 100 MPs from 25 herbal markets across India.

Currently, e-Charak has Registered users-11,070; Total visitors-35501136; Posted items-7,588; Buyer Sellers Interactions-7114686.

INSTITUTIONAL STRENGTHENING (IS) Activities

Regional-cum-facilitation center

(Rs. in lakhs)

S.No.	Regional Cum Facilitation Centers	2020-21	2021-22	2022-23	2023-24	2024-25
1.	RCFC (Northern Region - 1) Research Institute in Indian Systems of Medicine (RIISM), Joginder Nagar, Dist. Mandi, Himachal Pradesh – 175 015	0.00	52.455	146.9475	32.00	141.80181
2.	RCFC (Northern Region - 2) Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir (SKUAST-K), Faculty of Agriculture, Wadura, Sopore-193201, Jammu & Kashmir	23.02257	88.96086	84.92797	103.921 39	126.07613
3.	RCFC (Eastern Region) Jadavpur University, 188, Raja S.C. Mallick Road, Kolkata – 700032, West Bengal	55.27294	104.745	148.4385	134.048 55	140.19560
4.	RCFC (Western Region) Department of Botany, Savitribai Phule Pune University, Ganeshkhind, Pune-411007, Maharashtra	167.64	51.8938	127.9582 4		141.80250
5.	RCFC (Southern Region) Kerala Forest Research Institute (KFRI), Peechi – 680653, Thrissur, Kerala	74.80769	104.99475	155.6835	129.013 50	141.80250
6.	RCFC (Central Region) State Forest Research Institute (SFRI). Jabalpur, Madhya Pradesh (Project implemented from 2017-18 to 2022-23)	13.37256	92.62447	83.21034	Project closed	Project closed
7.	RCFC (North Eastern Region) Council of Scientific and Industrial Research - North East Institute of Science & Technology (CSIR-NEIST), NH-37, Pulibor, Jorhat, Assam 785006 (Project implemented from 2021-22)		119.595	126.9925	0.00	0.00
	Total	334.11576	615.26888	874.1585 5	398.983 44	691.67854

State Medicinal Plants Board

(Rs. in lakhs)

S. No.	Name of State	2020-21	2021-22	2022-23	2023-24	2024-25
1	Andhra Pradesh	31.38	21.78	-	35.00	35.00
2	Arunachal Pradesh	-	-	22.54	-	-
3	Assam	-	-	15.86	3.84	-
4	Bihar	24.19	-	-	-	-
5	Chandigarh	15.32	-	-	-	-
6	Chhattisgarh	26.95	-	32.90	-	-
7	Goa	-	-	22.80	-	20.24
8	Haryana	-	30.44	-	30.80	30.80
9	Himachal Pradesh	-	-	-	18.26	-
10	Jammu & Kashmir	-	-	-	23.44	23.40
11	Karnataka	8.75	29.26	29.88	-	35.00
12	Kerala	7.83	33.30	28.00	35.00	35.00
13	Ladakh	27.00	-	-	27.00	27.00
14	Lakshadweep	-	26.17	-	-	-
15	Madhya Pradesh	-	35.00	-	35.00	35.00
16	Maharashtra	-	28.80	-	-	-
17	Manipur	-	-	26.04	-	-
18	Meghalaya	-	-	13.00	2.15	14.00
19	Mizoram	18.54	27.00	22.78	27.00	27.00
20	Nagaland	-	-	-	-	22.80
21	Orissa	13.60	35.00	31.23	15.81	35.00
22	Puducherry	-	13.60	-	22.80	22.80
23	Rajasthan	-	20.50	-	-	30.80
24	Sikkim	-	27.00	22.80	1.50	20.10
25	Tamil Nadu	-	34.19	32.00	30.51	-
26	Telangana	27.80	-	35.00	35.00	-
27	Tripura	-	-	-	-	-
28	Uttar Pradesh	-	30.80	16.69	21.43	30.80
29	Uttarakhand	32.60	-	32.06	-	-
	Total	233.96	392.84	383.58	364.54	444.74

Details of projects supported under IEC Activities

IEC Desk Project Related data Last Five Year's 2020-21 to 2024-25									
S. No.	State/UT	Year's					No of Project conducted	Amount Sectioned (Rs. In Lakhs)	Amount Released (New sanctioned + old pending releases) (Rs. In Lakhs)
		2020-21	2021-22	2022-23	2023-24	2024-25			
1.	Andhra Pradesh	01	01	01	0	02	05	42.00	22.70
2.	Arunachal Pradesh	0	0	01	0	0	01	14.2	14.20
3.	Assam	01	02	03	02	0	08	151.14	148.13
4.	Chandigarh	0	0	0	0	01	01	5.00	0
5.	Chhattisgarh	0	0	01	0	00	01	29.50	29.50
6.	Delhi	02	05	06	01	03	17	151.53	372.27
7.	Gujarat	0	0	0	01	01	02	22.00	8.81
8.	Haryana	01	0	01	01	01	04	14.00	9.00
9.	Himachal Pradesh	0	0	0	01	01	02	26.57	13.54
10.	Jammu & Kashmir	0	0	0	04	0	04	36.91	31.91
11.	Jharkhand	0	0	03	0	0	03	11.80	11.80
12.	Karnataka	0	03	02	0	03	08	114.87	119.21
13.	Kerala	01	0	02	02	0	05	25.50	25.50
14.	Ladakh	0	0	02	0	01	03	15.00	10.00
15.	Madhya Pradesh	0	04	03	0	01	08	72.40	49.70
16.	Maharashtra	02	0	02	01	01	06	58.62	71.92
17.	Manipur	0	0	01	0	0	01	10.00	10.00
18.	Meghalaya	0	0	0	0	01	01	2.00	2.00
19.	Mizoram	0	0	01	0	0	01	5.00	5.00
20.	Odisha	03	03	01	02	0	09	23.25	20.25
21.	Punjab	01	01	01	02	0	05	35.00	35.00
22.	Rajasthan	01	0	0	01	03	05	29.85	10.90
23.	Tamil Nadu	0	03	09	04	05	21	98.85	79.80
24.	Telangana	0	0	0	01	0	01	10.00	10.00

25.	Uttar Pradesh	0	02	01	03	0	06	72.80	49.40
26.	Uttarakhand	0	0	01	03	0	04	30.00	25.00
27.	West Bengal	01	01	03	0	01	06	64.15	40.00
Total		14	25	45	29	25	138	1171.94	1225.54

Details of projects supported under Herbal Garden, Nursery/ QPM and Campaigns Activities

State/UTs-wise number of projects sanctioned and fund released under Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants for development of Herbal Gardens, Nursery / QPM and Campaigns during the period of 2020-21 to 2024-25 including Current financial year (2025-26)				
S.No.	State	Total number of projects	Total Sanctioned Amount (Rs. In lakhs)	Total Released Amount (Rs. In lacs)
1	Andhra Pradesh	10	524.2	235.2
2	Arunachal Pradesh	4	51.98	29.087
3	Assam	11	609.49	282.77
4	Bihar	2	25.15	18.9
5	Chhattisgarh	4	211.45	68.9
6	Delhi	19	472.75	451.81
7	Goa	1	4.2	4.2
8	Gujarat	6	85.10	50.85
9	Haryana	11	154.36	118.4
10	Himachal Pradesh	12	355.55	169.59
11	Jammu & Kashmir	5	88.78	24.38
12	Jharkhand	3	41.60	2.40
13	Karnataka	13	1033.30	580.30
14	Kerala	15	438.51	322.43
15	Ladakh	1	12.15	0.75
16	Madhya Pradesh	16	435.55	203.6
17	Maharashtra	17	541.09	218.14
18	Manipur	7	215.10	105.9
19	Meghalaya	1	50	0
20	Mizoram	4	58.9	38.15
21	Nagaland	2	22.02	3.125
22	Odisha	9	133.19	87.48
23	Punjab	6	133.75	128.225
24	Puducherry	4	51.73	23.90
25	Rajasthan	4	86.40	29.4
26	Sikkim	1	18.9	18.9
27	Tamil Nadu	21	251.50	110.94
28	Telangana	10	626.46	347.7
29	Tripura	1	18	0
29	Uttar Pradesh	25	542.73	327.72
30	Uttarakhand	13	168.43	117.51
31	West Bengal	2	106.85	92.35
	Total	260	7569.17	4213.007

Details of projects supported under Conservation Activities

The state-wise details of projects approved and fund released for conservation Resource Augmentation and support to JFMCs/BMCs for creation of facilities for value addition, drying, warehousing etc.

S. No.	States	Year	Details of project	Sanctioned Amount	Fund released
1.	Gujarat	2021-22	In-situ Resource Augmentation of medicinal plants in Kutch Circle, Gujarat State. CONS/Guj-01/2021-22	1411.47	1129.18
2.	Uttarakhand	2022-23	Developing a Sea Buckthorn Value Chain for Improved Income and Enhanced Resilience in Mountain Communities of Gangotri Valley JFMC/UK-01/2022-23	120.00	72.00
3.		2022-23	Medicinal Plants Conservation and Development Area, Gangotri Range, Dharali. CONS/UK-03/2022-23	40.00	24.00
4.		2022-23	Medicinal Plant Conservation Area Gangi CONS/UK-02/2022-23	40.00	24.00
5.		2022-23	Plantation of Medicinal Plants. CONS/UK-01/2022-23	192.52	77.00
6.		2023-24	"Developing a Sea Buckthorn Value Chain for Improved Income and Enhanced Resilience in Mountain Communities of Dharchula." JFMC/UK-01/2023-24	135.00	81.00
7.		Sikkim	2022-23	Resource Augmentation of endangered populations of prioritized high altitude medicinal plants used in Sowa Rigpa in Alpine & Sub Alpine Forests of Sikkim. CONS/SK-02/2022-23	676.96
8.	2022-23		Regeneration of Zanthoxylum armatum (Bokey Timur) and Lindera neesiana (Sil Timur) in Subtropical & Temperate Forests of Sikkim CONS/SK-01/2022-23	385.36	154.14
9.	Mizoram	2022-23	“Ex-situ Conservation of Medicinal Plants by Artificial Regeneration Model in Thenzawal Forest Division, Mizoram” CONS/MZ-01/2022-23	190.77	76.30

10.	Jammu & Kashmir	2022-23	Support to BMCs for setting of local clusters for value addition, drying, ware housing and augmentation marketing, infrastructure in Marwah Forest Division at Sirshi, Chhatroo, Nowapachi. JFMC/J&K-01/2022-23	45.00	27.00
11.	Karnataka	2022-23	In-situ Resource Augmentation of RET Species of Western Ghats, Karnataka. CONS/KR-01/2022-23	388.69	155.47
12.		2022-23	Establishment of MPCDAs in Haliyal Division, Karnataka. CONS/KR-02/2022-23	254.2	101.68
13.		2025-26	In-situ Resource Augmentation of Medicinal plants in Yellapur Division, Karnataka. CONS/KR-01/2025-26	274.84	164.90
14		2025-26	Conservation and Resource Augmentation of Selected Sacred Groves of Karnataka. CONS/KR-02/2025-26	21.17	12.71
15.		Nagaland	2025-26	Medicinal Plants Conservation & Development Areas (MPCDAs) under In-situ Conservation in Nagaland. CONS/NG-01/2025-26	120.00

Details of projects supported under Integrated Component (Back Ward and Forward Linkage)

S.No	F.Y.	State	File No.	Project title	Organization	Total approved amount (In lakh)	Fund released (Rs. In lakh)
1	2023-24	Andhra Pradesh	Integ. Comp./AP-01/2023-24-NMPB	Forward and backward linkage supply chain of medicinal plants Andhra Pradesh	Andhra Pradesh Medicinal & Aromatic Plants Board	120.00	84.00
2	2023-24	Jammu & Kashmir	Integ. Comp./J&K-01/2023-24-NMPB	Forward and backward linkage under Integrated Component of Central Sector Scheme of Conservation, Development and Sustainability of Medicinal Plants	State Medicinal Plants Board, Jammu & Kashmir	82.50	57.75
3	2023-24	Mizoram	Integ. Comp./MZ-01/2023-24-NMPB	Forward and backward linkage supply chain of medicinal plants	State Medicinal Plants Board, Mizoram	120.00	84.00
4	2023-24	Uttarakhand	Integ. Comp./UK-01/2023-24-NMPB	Establishment of Seed Production/ Germplasm Centre (SG/PC) for augment supply of Quality Planting Material/ Seeds for the producers for cultivation/ plantation of medicinal plants in Himalayan Region	High Altitude Physiology Research Centre (HAPPRC), HNBGU, Srinagar (Garhwal), Uttarakhand	120.00	84.00
5	2024-25	Karnataka	Integ. Comp./KR-01/2024-25-NMPB	Forward and backward linkage in the supply chain of medicinal plants in Karnataka (Integrated Component)	Karnataka State Medicinal Plants Authority(KaMPA), Karnataka	120.00	84.00
6	2024-25	Tamil Nadu	Integ. Comp./TN-01/2024-25-NMPB	Forward and backward linkage in supply chain of medicinal plants (Integrated Component) - TNAU	Tamil Nadu Agricultural University, Tamil Nadu.	95.00	67.00
7	2024-25	Kerala	Integ. Comp /KE-01/2024-25-NMPB	Integrated project on Forward and backward linkages in the supply chain of medicinal plants in Thrissur district of Kerala	State Medicinal Plants Board, Kerala	120.00	84.00

Details of projects sanctioned and fund released for Raw Drug Repositories

Sr No	UT & State Name	No of project Sanctioned	Amount Released (in lakhs)	No of project Sanctioned	Amount Released (in lakhs)	No of project Sanctioned	Amount Released (in lakhs)	No of project Sanctioned	Amount Released (in lakhs)	No of project Sanctioned	Amount Released (in lakhs)
		2020-21		2021-22		2022-23		2023-24		2024-25	
1.	Andaman & Nicobar Island	1	15.00				9.5				
2.	Andhra Pradesh				0.59		1.13				
3.	Arunachal Pradesh		6.71		7.13						
4.	Assam		12.26	2	159.55	1	40.41	1	19.31		134.28
5.	Chandigarh			1	28.00					1	15.00
6.	Delhi		30.83		10.66	2	134.77		8.00	1	108.50
7.	Gujarat	1	45.46		21.05		37.11	1	27.40	1	28.16
8.	Haryana		296.28								
9.	Himachal Pradesh	2	90.50	1	36.31	2			39.38		39.34
10.	Jammu & Kashmir		22.21		16.40	2	14.00		12.00		
11.	Jharkhand										
12.	Karnataka	2	71.23		22.22	4	94.87		23.76		51.80
13.	Kerala	5	60.53	1	24.75	1	57.94	1	26.59	1	32.57
14.	Madhya Pradesh		16.52	1			17.5				12.50
15.	Maharashtra		4.84	1	10.00				6.00		

16.	Manipur										
17.	Mizoram										
18.	Nagaland										
19.	Odisha			1	13.00	1	7.91		8.00		
20.	Punjab	2	20.00				4.25		8.00		
21.	Puducherry				7.80						5.85
22.	Rajasthan		108.51	1	2.50				21.65		
23.	Tamil Nadu		225.86	1	29.56	3	36.66	1	7.00	3	33.79
24.	Telangana		4.50	1	16.00		4.5		5.00		7.00
25.	Tripura										
26.	Uttar Pradesh	1	63.25		356.82	3	34.12	1	9.00		165.61
27.	Uttarakhand		18.54		24.21	1	29.12	2	10.82		48.35
28.	West Bengal		89.72			1	8.72		8.00	1	20.73
Total		14	1202.75	11	786.55	21	532.51	07	239.91	08	703.48

Details of project supported for promotion of conservation of rare, endangered and threatened medicinal plant species during last five years are as below:

Sr No	Project No	Project Title & Organization details	Sanctioned Amount
1.	JK-01/2022-23	<p>Conservation, Bioprospection and Development of good agricultural practices for <i>Rheum emodi</i>, <i>Sassurea costus</i>, <i>Podophyllum hexandrum</i> and <i>Aconitum</i> species for Ex-situ cultivation in Jammu and Kashmir.</p> <p>CSIR-Indian Institute of Integrative Medicine, Sanatnagar, Srinagar – 190005, Jammu & Kashmir.</p> <p>Plant species: - <i>Rheum emodi</i>, <i>Sassurea costus</i>, <i>Podophyllum hexandrum</i> and <i>Aconitum heterophyllum</i></p>	37.73952
2.	UK-02/2023-24	<p>Field genebank: a sustainable tool for conservation of some threatened high altitude medicinal plant species.</p> <p>High Altitude Plant Physiology Research Centre (HAPPRC), HNBGU, Srinagar (Garhwal), Uttarakhand</p> <p>Plant Species: <i>Bacopa monnieri</i>, <i>Centella asiatica</i>, <i>Withania somnifera</i>, <i>Cassia angustifolia</i></p>	41.91344
3.	CH-01/2024-25	<p>In vitro mass propagation, conservation and Eco restoration in <i>Dactylorhiza hatagirea</i> (D.Don) Soo, a medicinally important and endangered orchid of India.</p> <p>Department of Botany, Panjab University, Chandigarh (U.T.) PIN: 160 014</p> <p>Plant species: <i>Dactylorhiza Hatagirea</i> (D.DON) Soo</p>	33.3126

