GOVERNMENT OF INDIA MINISTRY OF AYUSH

LOK SABHA STARRED QUESTION NO.*63 TO BE ANSWERED ON 07.02.2025

"Availability of Medicinal Plants"

*63. SHRI ANUP SANJAY DHOTRE:

Will the Minister of AYUSH be pleased to state

- a) whether the Government has conducted any comprehensive study on the availability of medicinal/fragrant plants and herbs in the country and if so, the details and the outcome thereof, State/UT-wise;
- b) the steps taken/proposed to be taken by the Government for identification, documentation, conservation/ protection, cultivation, commercial exploitation and constant management of medicinal/fragrant plants and herbs in the country, State/UTwise;
- c) the details of funds allocated/released/utilized thereunder during each of the last three years and the current year, State/UT and year-wise;
- d) whether the Government has received several proposals from various States and institutions to set up herbal gardens and if so, the details thereof, State/UT-wise including Maharashtra along with the action taken by the Government thereon; and
- e) the measures taken/proposed to be taken by the Government for setting up of herbal gardens in the country, State/UT and location-wise?

ANSWER

THE MINISTER OF STATE (I/C) OF THEMINISTRY OF AYUSH (SHRI PRATAPRAO JADHAV)

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

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION NO.*63 FOR 07TH FEBRUARY, 2025

(a) Yes, The National Medicinal Plants Board (NMPB)has supported a demand and supply study through Indian Council for Forestry Research and Education (ICFRE), Dehradun, entitled "Medicinal Plants in India: An assessment of their Demand and Supply" by G.S. Goraya &D.K. Ved published in the year 2017.As per the study, the annual demand of herbs/medicinal plants in the country was estimated to be about 5,12,000 Metric Ton in 2014-15. As per the study about 1178 medicinal plants species are recorded in practices of trade, out of which 242 species are traded in high volume of more than 100 MT per annum.

The study was published in 2017 and is available on the website of NMPB i.e. (https://nmpb.nic.in/sites/default/files/Projects/Medicinal_Plants_in_India_An_Assessment_of_th eir_Demand_and_Supply.pdf).

(b) For identification, documentation, conservation/ protection and constant management of medicinal/fragrant plants and herbs in the country, National Medicinal Plants Board (NMPB), Ministry of AYUSH is implementing a Central Sector Scheme on "Conservation, Development and Sustainable Management of Medicinal Plants" aimed at providing project-based support for the following activities:

- (i) Research & Development.
- (ii) *In-situ* conservation / *Ex-situ* conservation.
- (iii) Livelihood linkages with Joint Forest Management Committees (JFMCs) / Panchayats / Van Panchayats / Biodiversity Management Committees (BMCs) / Self Help Groups (SHGs).
- (iv) Establishment of nurseries.
- (v) Forward and backward linkage in supply chain of medicinal plants (Integrated Component).
- (vi) Promotion, marketing and trade of medicinal plants produce.
- (vii) Information Education & Communication (IEC) activities like Training / Workshops / Seminars/ Conferences etc.

Earlier, Ministry of Ayush, Government of India had implemented "Centrally Sponsored Scheme" of National Ayush Mission (NAM) to promote the cultivation of medicinal plants since 2015-16 to 2020-21. Under 'Medicinal Plants' component of the National Ayush Mission (NAM) Scheme, market driven cultivation of 140 prioritized medicinal plants in identified clusters/zones was supported and implemented in a mission mode through selected State Implementing Agencies throughout the country. Ministry of Ayush has supported 56,305hectare area under Cultivation of medicinal plants from the financial year 2015-16 to 2020-21. As per the scheme guidelines, the support was provided for:

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

The Year-wise Funds allocated for medicinal plants component under National Ayush Mission (NAM) scheme is given Annexure-I.

(c) The details of funds allocated/released under Central Sector Scheme on "Conservation, Development and Sustainable Management of Medicinal Plants" during each of the last three years and the current year, State/UT and year wise is given at Annexure-II (A& B).

(d& e) Yes, National Medicinal Plants Board (NMPB), Ministry of Ayush, Government of India has received several proposals from various States and institutions to set up herbal gardens, in which total 29 project proposals has been received from Maharashtra, out of which7 project proposals has been sanctioned.

From financial year, 2021-22 to till date, National Medicinal Plants Board (NMPB), Ministry of Ayush, Government of India has received 623 project proposals of herbal Garden, out of which 118 project proposals of Herbal Garden has been sanctioned.

Presently, National Medicinal Plants Board (NMPB), Ministry of Ayush is implementing a Central Sector Scheme on "Conservation, Development and Sustainable Management of Medicinal Plants" under which there is a provision to provide project based support to various Government and Non-Government organizations to establish different types of Herbal Gardens *viz.* School Herbal Gardens, Institutional/ Public Herbal Gardens and Herbal Gardens of State and National Importance. Thedetails of the project proposals approved /sanctioned for herbal gardens along with location is attached at **Annexure-III (A & B)**.

Annexure-I.

Sl.No.	Years	Allocation (Rs. In crore)
1	2015-16	45.93
2	2016-17	70.13
3	2017-18	75.83
4	2018-19	45.36
5	2019-20	89.32
6	2020-21	126.34
	Total	452.91

Total Year-wise Funds allocated for medicinal plants component under National Ayush Mission (NAM) scheme

Annexure-IIA.

A. Grant in aid allocated/ released under Central Sector Scheme on "Conservation, Development and Sustainable Management of Medicinal Plants during last three years and the current year is given below:

			(Rs.in	Crore)		
SI.	Scheme	Central Sector Scheme				
No.	Year	Budget Estimate	Revised Estimate	Amount Released		
1	2021-22	48.50	37.70	37.68		
2	2022-23	48.49	48.25	48.25		
3	2023-2024	43.49	20.00	19.99		
4	*2024-25 (As on Date)	49.49	40.00	36.23		
Total		189.97	145.95	142.17		

				(Rs. In Cro		
S. No.	State	2021-22	2022-23	2023-24	2024-25	
1	Andhra Pradesh	0.27	0.04	0.57	1.05	
2	Arunachal Pradesh	0.29	0.58	0.00	0.20	
3	Assam	2.80	4.37	0.59	0.83	
4	Bihar	0.00	0.00	0.00	0.00	
5	Chhattisgarh	0.95	0.62	0.69	0.00	
6	Delhi	0.52	3.77	1.32	3.07	
7	Goa	0.00	0.27	0.00	0.20	
8	Gujarat	6.36	3.50	0.37	6.42	
9	Haryana	0.35	0.00	0.82	0.46	
10	Himachal Pradesh	1.29	1.47	1.48	3.03	
11	Jammu & Kashmir	1.83	1.12	1.48	2.99	
12	Jharkhand	0.02	0.00	0.12	0.00	
13	Karnataka	5.28	3.87	0.40	1.88	
14	Kerala	1.94	3.92	2.71	2.90	
15	Madhya Pradesh	1.28	2.22	0.56	0.89	
16	Maharashtra	1.00	1.52	1.66	1.85	
17	Manipur	0.28	0.76	0.12	0.10	
18	Meghalaya	0.00	0.13	0.02	0.14	
19	Mizoram	2.12	2.49	0.71	1.40	
20	Nagaland	0.25	0.00	0.03	0.41	
21	Odisha	0.61	0.79	0.36	0.51	
22	Punjab	0.26	0.60	0.34	0.75	
23	Rajasthan	0.24	0.00	0.34	0.33	
24	Sikkim	0.66	5.27	0.02	0.38	
25	Tamil Nadu	1.61	1.69	0.99	0.54	
26	Telangana	0.37	3.59	0.40	0.21	
27	Tripura	0.25	0.00	0.03	0.15	
28	Uttarakhand	0.51	3.20	0.23	2.27	
29	Uttar Pradesh	4.05	0.61	0.80	1.01	
30	West Bengal	1.54	1.65	2.33	1.69	

B. The details of funds released thereunder during each of the last three years and the current year, State/UT and year-wise

31	Andaman Nicobar	&	0.00	0.10	0.00	0.00
32	Chandigarh		0.28	0.00	0.00	0.15
33	D&N Haveli		0.00	0.00	0.00	0.00
34	Daman & Diu		0.00	0.00	0.00	0.00
35	Lakshadweep		0.26	0.00	0.00	0.00
36	Pondicherry		0.21	0.00	0.23	0.14
37	Ladakh		0.00	0.10	0.27	0.28
	Total		37.68	48.25	19.99	36.23

	ioned			
S. No.	State /UT	Number of Received proposals	Number of Sanctioned proposals	
1	Andhra Pradesh	29	5	
2	Arunachal Pradesh	6	0	
3	Assam	29	6	
4	Bihar	3	0	
5	Chhattisgarh	4	1	
6	Delhi	26	6	
7	Gujarat	16	3	
8	Haryana	21	5	
9	Himachal Pradesh	12	3	
10	Jharkhand	1	1	
11	Jammu & Kashmir	9	3	
12	Karnataka	29	6	
13	Kerala	38	12	
14	Ladakh.	7	3	
15	Madhya Pradesh	36	7	
16	Maharashtra	29	7	
17	Meghalaya	1	0	
18	Manipur	26	5	
19	Nagaland	16	0	
20	Mizoram	2	1	
21	Orissa	72	5	
22	Punjab	5	1	
23	Rajasthan	14	1	
24	Tamilnadu	70	15	
25	Telangana	14	2	
26	Uttarakhand	24	7	
27	Uttar Pradesh	78	13	
28	West Bengal	6	0	
	Total	623	118	

Annexure-III B.

S. No.	State /UT	Number of Sanctioned proposals	Organization name along with address
1	Andhra Pradesh	5	 APREI Society, SS Camp Post Office Kurnool, Andhra Pradesh Dr. YSR Horticultural University, Anantharajupeta-Annamayya (Dist), Andhra Pradesh Sai Likitha Educational Development Society, Kalyandurg, Andhra Pradesh. India Evangelical and Educational Rural Development (IEERD), Addanki, Prakasam (Dist.), Andhra Pradesh Godson Ministries, Eluru district, Andhra Pradesh
2	Assam	6	 Foundation for Sustainable Development Trust, Namghar Path, Panjabari, Kamrup District, Assam Blazing Sword, Missamari, 71 Inf DOU, Assam Don Bosco University, Tapesis Gardens, Kamarkuchi, Sonapur, Assam Dibrugarh University, Dibrugarh, Assam Trinayan multi state handloom and handicraft development cooperative society ltd, Guwahati, Assam ICFRE-Rain Forest Research Institute, Jorhat, Assam
3	Chhattisgarh	1	1. Chhattisgarh Tribal Local Health Traditions & Medicinal Plants Board, State Forest Research and Training Institute, Chhattisgarh
4	Delhi	6	 Pratishtha, Jeevan Park, Pankha Road, Uttam Nagar, Delhi Swaraj Vikas Foundation, Karawal Nagar, Delhi (2 proposals approved) Hindu College, University of Delhi, Delhi All India Ruby Social Service Santhan, Sangam Vihar, New Delhi National Education Society for Tribal Students, Jeevan Tara Building, Parliament Street, New Delhi.
5	Gujarat	3	 Young Citizen of India Charitable Trust, , 16, Vithalpark Society, Part-2, Malgodown Road, Mehsana, Gujarat Ujas Charitable Trust- North, At Gunjala, Ta Visnagar, Dist Mehsana, Gujarat National Institute of Pharmaceutical Education and Research (NIPER) – Ahmedabad, Gujarat
6	Haryana	5	 Shree Guru Gobind Singh Tricentenary (SGT) University, Gurugram, Haryana Manav Rachna International Institute of Research and Studies, Faridabad, Haryana Pragyata Foundation, Udyog Vihar Phase 1, Gurugram, Haryana 50 Bedded Integrated AYUSH Hospital at Mayyer, Hisar Haryana Shri Krishna Ayush University, Sector 8, Kurukshetra, Haryana

7	Himachal Pradesh	3	 State Medicinal Plants Board, Himachal Pradesh, Department of Ayush, 26 SDA Complex,Kasunpti, Shimla, Himachal Pradesh Manav Sewa Trust, MLSM College Sundernagar, District Mandi, Himachal Pradesh CSIR-Institute of Himalayan Bio-resource Technology, Palampur, Kangra, Himachal Pradesh
8	Jharkhand	1	1. All India Institute of Medical Science (AIIMS), Deoghar, Jharkhand
9	Jammu & Kashmir	3	 Government Unani Medical College Ganderbal, Kashmir, Nawabagh, Ganderbal, Kashmir, UT of J&K. Islamic University of Science and Technology, Awantipora, Jammu and Kashmir Government College of Education, Canal Rd, Suraj Nagar, Jammu and Kashmir
10	Karnataka	6	 Department of Studies in Botany, Davangere University, Davangere, Karnataka Karnataka Veterinary Animal and Fisheries Sciences University, Karnataka (Sri Dharmasthala Manjunatheshwara (SDM) College (Autonomous), Dakshina Kannada District, Karnataka University of Mysore, Manasagangotri, Mysuru, Karnataka Karnataka State Medicinal Plants Authority, Karnataka (2 proposals approved)
11	Kerala	12	 Kerala University of Health Science, Medical College, P.O. Thrissur, Kerala Vaidyaratnam Ayurveda College, Thrissur, Kerala St. Thomas College (Autonomous), Palghat Rd, Keerankulangara, Thrissur, Kerala Nehru College of Pharmacy, Pampady, Thiruvilwamala, Thrissur, Kerala Kerala Agricultural University, Vellanikkara, Thirssur, Kerala Vimala College (Autonomous), Thrissur, Kerala College of Agriculture, Vellayani, Thiruvananthapuram, Kerala State Medicinal Plants Board, Kodungallur - Shornur Rd, Naikkanal, Thrissur, Kerala Kerala Agricultural University (KAU), Vellanikkara, Thrissur, Kerala College of Agriculture, Vellayani Kerala Agricultural University, Thrissur, Kerala Kerala Agricultural University (KAU), Vellanikkara, Thrissur, Kerala College of Agriculture, Vellayani Kerala Agricultural University, Thrissur, Kerala Kerala Agricultural University (KAU), Vellanikkara, Thrissur, Kerala Kerala Agriculture, Vellayani Kerala Agricultural University, Thrissur, Kerala Kerala II. M/s. Kollam District Ayurveda Oushada Nirmana Vyavasaya Cooperative Society Ltd- Thrissur, Kerala Kerala Agricultural University (KAU) Vellanikkara, Thrissur, Kerala
12	Ladakh.	3	 Central Institute of Buddhist Studies, Choglamsar, Leh Ladakh Leh Campus, University of Ladakh, Taru Thang, Ladakh Kargil Campus, University of Ladakh, Saliskot, Khumbthang- Kargil

13	Madhya Pradesh	7	1. Government Autonomous Ayurved College Nipnia Rewa, Madhya Pradesh
	1 1400511		 G H Raisoni University, Saikheda, Sausar, Chhindwara, Madhya Pradesh
			3. Deendayal Research Institute, Chitrakoot, Madhya Pradesh
			4. Sujagriti Samaj Sevi Sanstha, Morena, Madhya Pradesh
			5. Maharshi Dayanand Jan Kalyan Sanstha, Bhopal, Madhya Pradesh
			6. Gram Seva Trust, Post Paraswada, TehParaswada, Distt Balaghat, Madhya Pradesh
			7. Kanpura Kutumbakam Sansthan, Neem Chauraha, Bodabagh, Rewa, Madhya Pradesh
14	Maharashtra	7	1. Pravara Medical Trust, Pravara Institute of Medical Sciences, Maharashtra
			2. Shri Mulikadevi Mahavidyalaya, Nighoj, Tal. Parner, Dist. Ahmednagar, Maharashtra
			3. Sangamner Medical Foundation & Research Institute, Ahmednagar, Maharashtra
			4. Abdul Majeed Central Education Society, Institute of Pharmacy,
			Mouza Lonara, Nagpur, Maharashtra
			5. Padmashri Vikhe Patil College of Arts, Science and Commerce,
			Loni Kd., Ahmednagar, Maharashtra 6. Agricultural Development Trust ADT's Shardabai Pawar Mahila,
			Arts, Commerce and Science College, Shardanagar, Baramati,
			Dist- Pune, Maharashtra
			7. Pharmaceutical Chemistry C. U. Shah College of Pharmacy, S.N.D.T. Women's University, Maharashtra
15	Manipur	5	1. Good Samaritan Foundation, Department of Agriculture,
			 Sanjenthong, Imphal, Manipur Forest Development Agency, Ukhrul Forest Division, Manipur.
			3. Dynamic Transformation Society, IMPHAL West, Manipur
			4. Manipur State Medicinal Plants Board, Directorate of AYUSH
			Building Lamphelpat Manipur
			5. Association for Welfare and Rural Development (AWARD) Oinam Hills Village, Senapati, Manipur
16	Mizoram	1	1. Mizoram, State Medicinal Plants Board, Directorate of AYUSH,
			Mizoram
17	Orissa	5	1. SSN Ayurved College & Research Institute, Nrusinghnath,
			Paikamal, Manbhang, Odisha 2. M/s Mukti Social Service Organisation, Nimapara, Puri, Odisha
			 M/s Mukti Social Service Organisation, Nimapara, Puri, Odisha Green Jackpot International, Sahadevkunta, Dist- Balasore,
			Odisha
			4. Socio Cultural Development Centre, (SCDC), Kantapada, Odisha
10	Dunich	1	5. Self Help, Jawahar Chowk, Dhenkanal, Dist. Dhenkanal, Odisha
18	Punjab	1	1. Guru Ravidas Ayurved University, Hoshiarpur, Punjab.
19	Rajasthan	1	1. Central University of Rajasthan, Ajmer, Rajasthan

20	T '1 N 1	1.7	
20	Tamil Nadu	15	 RVS Medical Trust, Coimbatore, Tamil Nadu Kathir College Of Arts And Science, Tamil Nadu Siddha Gnana Sabai Trust, Tiruvannamalai District, Tamil Nadu Dream Makers Social Trust (DMST), Bommaikuttaimedu, Sellappampatty P.O., Namakkal district, Tamil Nadu Central Academy for State Forest Service, Govt. of India, Ministry of Environment, Forest and Climate Change, R.S. Puram, Coimbatore, Tamil Nadu State Medicinal Plants Board, Anna Hospital Campus (Theni district), Arumbakkam, Chennai, Tamil Nadu. (3 proposals approved) J.K.K. Munirajah College of Agriculture Science T.N. Palayam, Gobi (TK),Erode district,Tamil Nadu Environmental Engineering, Government College of Technology, Coimbatore, Tamil Nadu Government Yoga and Naturopathy Medical College, Arignar Anna Indian medicine campus, Chennai Government Unani Medical College, Arumbakkam, Chennai, Tamil Nadu. Government Siddha Medical College, Arumbakkam, Chennai, Tamil Nadu Government Homoeopathic Medical College and Hospital, Tirumangalam, Tamil Nadu ST. Xaviver's College, Palayamkoittai, 21, North, High Ground
21	Telangana	2	 Road, Tirunelveli, Tamil Nadu 1. Telangana State Medicinal Plants Board, APGLI Building, Tilak Road, Abids, Hyderabad, Telangana 2. Telangana Tribal Welfare Residential Educational Institutions Society (TTWREIS), Gurukulam, ChaCha Nehru Park, Hyderabad, Telangana
22	Uttarakhand	7	 Deckyiling Sowa Rigpa Study And Research, Clement Town Dehradun, Uttarakhand Kalsi Soil Conservation Divion Kalsi (Dehradun), Uttarakhand Alaknada Soil Conservation Forest Division, Gopeshawar, Uttarakhand. Gurukul Kangri (Deemed To Be University) Haridwar, Uttarakhand College Of Forestry, VCSG Uttarakhand University Of Horticulture & Forestry, Ranichaur, Tehri, Uttarakhand. Roop Gramin Rojgar Sansthan, DisttPauri (Garhwal), Uttarakhand Jai Ganga Uthan Samiti, Haridwar, Uttarakhand

23	Uttar Pradesh	13	 Parivartan Mahila Shashaktikaran Evam Baal Vikas Sanstha, Meerapur, Farukkabad, Uttar Pradesh Nav Jeevan Gramodhyog Samiti, Village- Parvat Ka Purva, Post- Basoni, Shri Damber Singh Memorial Hospital, Basoni Bah, Agra- Uttar Pradesh Astha Development Institute Village Post Sutarahi Mohamedabad Gohna, District-Mau, Uttar Pradesh Badhte Qadam Qasmi Colony, Khanqah,Deoband, Saharanpur, Uttar Pradesh Kisan Kalyan Samiti Semrawan, Barabanki, Uttar Pradesh Basic Utthan Evam Gramin Sewa Sansthan, Village-Chhandwal, Post Hunsepur, Block –Banikodar, Tehsil- Ram Sanehighat, District – Barabanki- Uttar Pradesh Durga Mahila Kalyan Seva Samiti, Srinagar, Deva Road Barabanki Uttar Pradesh Sanjeevani, Rajapur, Prayagraj –Uttar Pradesh Banshgopal Rashtriya Punarvas Trust, Village-Kotwa post, Inayatpur District – BarabankiUttar Pradesh Kerd Bio Energy Farmer producer Company Limited, C/o. Balram Tiwari Dhirja Purwa, Jhanjhari block, district Gonda, Uttar Pradesh Prayas Trust, Chitragupt Nagar, Lakhperabagh, Tehsil- Nawabganj, District-Barabanki, Uttar Pradesh. Bandhana Foundation, District-Etah, Uttar Pradesh Shilpi Gramodhyog Samaj Sewa Samiti, District-Farrukhabad, Uttar Pradesh
	Total	118	