

**GOVERNMENT OF INDIA
MINISTRY OF AYUSH**

**LOK SABHA
UNSTARRED QUESTION NO. 901
ANSWERED ON 26th JULY, 2024**

“NMPB”

901. SHRI KOTA SRINIVASA POOJARY:

Will the Minister of AYUSH be pleased to state:

- (a) the aims and objectives and Primary functions of National Medicinal Plants Board (NMPB) in the country;
- (b) whether the NMPB is implementing Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants and if so, the details thereof, State/UT-wise;
- (c) the total number of projects supported under Scheme on Conservation, Development and Sustainable Management of Medicinal Plants for development of Quality Planting Material from the financial years 2015-16 to 2022-23;
- (d) the details of financial assistance provided and Quality Planting Material (QPM) of Medicinal Plants species developed through Regional Cum Facilitation Centres (RCFCs) projects of NMPB during the years 2017-18 to 2022-23; and
- (e) the details of supported nurseries under the Medicinal Plants component of National Ayush Mission (NAM) Scheme from the financial years 2015-16 to 2022-23, State/UT-wise?

ANSWER

THE MINISTER OF AYUSH (INDEPENDENT CHARGE)

(SHRI PRATAPRAO JADHAV)

(a): The Government of India had set up National Medicinal Plants Board (NMPB) on 24th November 2000 to promote the medicinal plants sector in the country. The aims and objectives of NMPB are to:

- i) Develop an appropriate mechanism for coordination between various ministries / departments / organization and implementation of policies / programs for overall (conservation, cultivation, trade and export) growth of medicinal plants sector both at the Central / State and International level.
- ii) Focus on in-situ & ex-situ conservation and augmenting local medicinal plants and aromatic species of medicinal significance.
- iii) Promote research & development, capacity building through trainings, raising awareness through promotional activities like creation of herbal gardens etc.

The primary functions of NMPB are as under:

- i) Assessment of demand / supply position relating to medicinal plants both within the country and abroad.
- ii) Advise concerned Ministries/ Departments / Organisations / State / UT Governments on policy matters relating to schemes and programmes for development of medicinal plants.
- iii) Provide guidance in the formulation of proposals, schemes and programmes etc. to be taken-up by agencies having access to land for cultivation and infrastructure for collection, storage and transportation of medicinal plants.
- iv) Identification, inventorisation and quantification of medicinal plants.
- v) Promotion of ex-situ / in-situ conservation and cultivation of medicinal plants.
- vi) Promotion of co-operative efforts among collectors and growers and assisting them to store, transport and market their produce effectively.
- vii) Setting up of data-base system for inventorisation, dissemination of information and facilitating prevention of patents on medicinal use of plants the information on which is already in the public domain.
- viii) Matters relating to import / export of raw material, as well as value added products either as medicine, food supplement or as herbal cosmetics including adoption of better techniques for marketing of produce to increase their reputation for quality and reliability within the country and abroad.
- ix) Undertaking and awarding of studies leading to scientific, technological research and promoting cost-effective practices for the development of medicinal plants.
- x) Development of protocols for cultivation and quality control.

xi) Encouraging protection of patent rights and IPR.

(b): Yes, the NMPB, Ministry of Ayush is implementing a “*Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants*” throughout the country. The Scheme consists of following components:

- i) Conservation of medicinal plants through Multi Pronged Strategy
 - in-situ conservation
 - in-situ resource augmentation
 - ex-situ conservation
 - Support to Joint Forest Management Committees (JFMCs) / Panchayats / Van Panchayats / Self Help Groups (SHGs) / Biodiversity Management Committees (BMCs) for setting up of local cluster for value addition, drying, warehousing and augmenting marketing infrastructure, etc.
- ii) Research, Technology Development and Quality Assurance
- iii) Awareness Building, Exposure Visits, Education and Capacity Building of Stakeholders through Information Education and Communication (IEC) strategy
- iv) Promotion of Herbal Gardens
- v) Other Interventions (Bilateral / International Cooperation, Marketing)
- vi) Medicinal Plant Species Specific Campaign including use of Multimedia
- vii) Institutional Strengthening [Support for strengthening of State Medicinal Plants Boards (SMPBs) and Regional Cum Facilitation Centres (RCFCs)]
- viii) Forward and backward linkage in supply chain of medicinal plants (Integrated Component)

The above components / activities are implemented through various agencies such as State Medicinal Plans Boards (SMPBs) / State Forest Departments / Research Councils such as CCRAS, CCRUM, CCRS, CCRH, ICAR, CSIR etc. / Universities and other non-governmental organization on project mode and the Grant-in-aid is considered on the basis of the approved cost norms as notified in the operational guidelines of Central Sector Scheme.

(c): The number of projects supported under "*Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants*" for development of Quality Planting Material / Nurseries from the financial years 2015-16 to 2022-23 is at **Annexure-1**.

(d): The detail of financial assistance provided and Quality Planting Material (QPM) of medicinal plants species developed through Regional Cum Facilitation Centers (RCFCs) projects of NMPB during the years 2017-18 to 2022-23 is at **Annexure-2**.

(e): The Ministry of Ayush, Government of India had implemented 'Medicinal Plants component' under its "*Centrally Sponsored Scheme of the National Ayush Mission (NAM)*" from the financial years 2015-16 to 2020-21 to promote the cultivation of medicinal plants throughout the country.

The details of nurseries approved under 'Medicinal Plants component' of National Ayush Mission Scheme (NAM) Scheme throughout the country from the financial years 2015-16 to 2020-21 is at **Annexure-3**.

Annexure-1

The number of projects supported under "Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants" for development of Quality Planting Material / Nursery from the financial years 2015-16 to 2022-23 is as under:

S. No.	State/UT	Total
1.	Andhra Pradesh	4
2.	Arunachal Pradesh	3
3.	Assam	5
4.	Bihar	1
5.	Chhattisgarh	2
6.	Delhi	2
7.	Goa	2
8.	Gujarat	2
9.	Himachal Pradesh	4
10.	Jammu & Kashmir	4
11.	Karnataka	4
12.	Kerala	6
13.	Madhya Pradesh	3
14.	Maharashtra	7
15.	Manipur	3
16.	Mizoram	3
17.	Nagaland	2
18.	Odisha	4
19.	Puducherry	2
20.	Punjab	4
21.	Rajasthan	2
22.	Sikkim	1
23.	Tamilnadu	6
24.	Telangana	9
25.	Tripura	1
26.	Uttarakhand	2
27.	Uttar Pradesh	8
28.	West Bengal	9
	Total	105

Annexure-2

The detail of financial assistance provided and Quality Planting Material (QPM) of Medicinal Plants species developed through Regional Cum Facilitation Centers (RCFCs) projects of NMPB during the years 2017-18 to 2022-23 is as under:

S.No.	Regional Cum Facilitation Centres	States covered	Grant-in-aid sanctioned to RCFCs during 2017-18 to 2022-23 for QPM Development (₹ in Lakhs)	No. of saplings of QPM Developed through RCFCs during 2017-18 to 2022-23 (in Nos.)
1.	RCFC (Northern Region - 1) Research Institute in Indian Systems of Medicine (RIISM), Department of Ayush, Joginder Nagar, Dist. Mandi, Himachal Pradesh – 175 015	Chandigarh, Delhi, Haryana, Himachal Pradesh, Punjab, Uttarakhand, Uttar Pradesh	150.00	13,51,510
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	Jammu & Kashmir, Ladakh	120.00	17,27,240
3.	RCFC (Central Region) State Forest Research Institute (SFRI), Jabalpur, Madhya Pradesh (Project implemented from 2017-18 to 2022-23)	Chhattisgarh, Madhya Pradesh	120.00	4,92,624
4.	RCFC (Eastern Region) Jadavpur University, 188, Raja S.C. Mallick Road, Kolkata – 700032, West Bengal	Bihar, Jharkhand, Orissa, Sikkim, West Bengal	150.00	20,35,461
5.	RCFC (Southern Region) Kerala Forest Research Institute (KFRI), Peechi – 680653, Thrissur, Kerala	Andaman & Nicobar, Andhra Pradesh, Karnataka, Kerala, Lakshadweep, Puducherry, Tamil Nadu, Telangana	150.00	39,09,650
6.	RCFC (North Eastern Region)	Arunachal	100.00	22,23,310

	<p>i) Assam Agriculture University, Jorhat, Assam 785006 (Project implemented from 2018-19 to 2020-2021)</p> <p>ii) Council of Scientific and Industrial Research - North East Institute of Science & Technology (CSIR-NEIST), NH-37, Pulibor, Jorhat, Assam 785006 (Project ongoing from Sept., 2021 to till date)</p>	Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Tripura		
7.	RCFC (Western Region) Department of Botany, Savitribai Phule Pune University, Ganeshkhind, Pune-411007, Maharashtra	Goa, Gujarat, Maharashtra, Rajasthan, Dadra & Nagar Haveli and Daman & Diu	100.00	9,06,245
	Total		890.00	1,30,05,892

Annexure-3

The details of nurseries approved under 'Medicinal Plants component of National Ayush Mission Scheme (NAM) scheme throughout the country from the financial years 2015-16 to 2020-21 is as under:

S. No.	State/UT Name	No. of nurseries approved						Total
		2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	
1	Andhra Pradesh	2	9	4	4	3	-	22
2	Arunachal Pradesh	-	-	1	1	3	-	5
3	Assam	-	1	3	-	-	-	4
4	Bihar	-	-	-	-	7	-	7
5	Chhattisgarh	-	1	2	2	-	-	5
6	Goa	-	1	1	-	2	-	4
7	Gujarat	4	4	2	3	-	-	13
8	Haryana	-	1	-	-	-	-	1
9	Himachal Pradesh	1	-	2	3	3	-	9
10	Jammu & Kashmir	6	2	2	4	1	2	17
11	Karnataka	-	-	-	1	-	-	1
12	Kerala	1	2	2	2	-	10	17
13	Madhya Pradesh	-	-	-	-	-	-	-
14	Maharashtra	-	-	2	-	4	-	6
15	Manipur	2	-	1	2	1	-	6
16	Meghalaya	-	2	3	-	2	-	7
17	Mizoram	1	3	2	2	1	1	10
18	Nagaland	-	-	4	3	-	-	7
19	Orissa	-	-	-	3	-	-	3
20	Puducherry	-	-	-	1	-	-	1
21	Punjab	-	2	-	3	6	-	11
22	Rajasthan	4	1	4	-	7	-	16
23	Sikkim	-	1	-	-	-	-	1
24	Tamil Nadu	-	-	-	-	-	-	-
25	Telangana	1	2	2	1	3	-	9
26	Tripura	-	-	-	-	-	-	-
27	Uttarakhand	1	2	-	-	3	-	6
28	Uttar Pradesh	5	5	-	1	-	10	21
29	West Bengal	4	-	1	2	4	-	11
	TOTAL	32	39	38	38	50	23	220