

**GOVERNMENT OF INDIA
MINISTRY OF AYUSH**

**LOK SABHA
UNSTARRED QUESTION NO. †2106
TO BE ANSWERED ON 29TH JULY, 2022**

NATIONAL MEDICINAL PLANTS BOARD

**†2106. SHRI SUDHAKAR TUKARAM
SHRANGARE:
MS. LOCKET CHATTERJEE:
SHRI ARUN SAO:
SHRI CHANDAN SINGH:
SHRI RANJEETSINGH HINDURAO NAIK
NIMBALKAR:
SHRIMATI GOMATI SAI:
SHRIMATI GEETA KORA:
SHRI JUGAL KISHORE SHARMA:
SHRI DEVJI M. PATEL:
SHRI DILESHWAR KAMAIT:
SHRIMATI RITI PATHAK:
SHRIMATI RAMA DEVI:
SHRI JYOTIRMAY SINGH MAHATO:**

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

- (a) whether the National Medicinal Plants Board (NMPB) has launched a national campaign to promote cultivation of medicinal plants in the country;
- (b) if so, the details thereof State-wise and district- wise;
- (c) whether any provision has been made for providing economic assistance to the farmers engaged in cultivation of medicinal plants and if so, the details thereof;
- (d) whether the Government/NMPB has formulated any Scheme to promote farming and production of medicinal plants/herbs/rare plants in the country and if so, the details thereof;
- (e) whether the Government has conducted any survey to find out rare species of medicinal plants and herbs and if so, the details thereof; and
- (f) the steps taken/proposed to be taken by the Government in this regard?

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

(a) & (b): Yes, presently, the National Medicinal Plants Board (NMPB), Ministry of Ayush, Government of India is implementing a ‘Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants’, under which project based support is provided for creation of Nursery/Quality Planting Material etc. for distribution of medicinal plants saplings. Also, National Medicinal Plants Board, Ministry of Ayush is distributing medicinal plants under ‘Ayush Aapke Dwar’ campaign as a part of Azadi Ka Amrit Mahotsav throughout the country. The state-wise details of medicinal plants saplings distributed is at **Annexure-I**.

(c): Yes, Ministry of AYUSH, Government of India had implemented the Centrally Sponsored Scheme of the National AYUSH Mission (NAM) from the financial year 2015-16 to 2020-21 to promote the cultivation of medicinal plants throughout the country under the medicinal plants component of the National AYUSH Mission (NAM) scheme, 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 forward linkages.
- (iv) Primary processing, marketing infrastructure etc.

Till date, Ministry of Ayush has provided financial assistance of Rs. 13657.68 lakh for cultivation of medicinal plants under National Ayush Mission Scheme throughout the country from the financial year 2015-16 to 2020-21. Detail is given at **Annexure – II**.

(d): Yes, Ministry of Ayush, Government of India had formulated a draft scheme namely “Pradhan Mantri Vriksh Ayush Yojana” to boost the cultivation and production of medicinal plants and herbs in the country. The scheme aimed to promote Cultivation of Medicinal Plant, Post-harvest management and Marketing support by involving farmers and the AYUSH industry.

The activities related to cultivation of medicinal plants and herbs 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 Yojana in the present form.

(e) & (f): The National Medicinal Plants Board (NMPB) is implementing a ‘Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants’, under the scheme, project based financial assistance for carrying out research & development activities on survey of endangered/rare medicinal plants in last five years i.e. from year 2017-18 to 2021-22 are placed at **Annexure-III**.

Annexure-I

State/UTs wise distribution of medicinal plant saplings under Ayush Aapke Dwar			
S.N	State	No. of Medicinal Plants saplings distributed	Name of Medicinal Plants
1	Andaman & Nicobar	65	Tulsi, Ajwain, Kalmegh, Lemon grass, Ghritkumari
2	Assam	2850	Giloe, Arjuna, Baheda, Vach, Giloe etc.
3	Arunachal Pradesh	1141	Satavar, Adhatoda, Kari Patta, Tulsi, Amla, Giloe etc.
4	Andhra Pradesh	33534	Ashoka, Brahmi, Raktchandan, Madukparni, Henna, lemon grass etc.
5	Bihar	850	Giloe, Tulsi, BhuiAmla, Coleus, Neem, and Brahmi
6	Chhattisgarh	1901700	Giloe, Stevia, Satavar, Kalmegh, Ashwagandha, Ghritkumari, Gudmar, Tulsi, Brahmi, Pipli, Bel, Amla
7	Chandigarh	330	Lemon grass, Aloe, Giloe, Brahmi, Shatavari etc.
8	New Delhi	1673920	Giloe, Ashwagandha and Tulsi.
9	Goa	7570	Amla, Tejpatta, Stevia, Garcinia, Raktchandan, Moringa
10	Gujarat	308302	Giloe, Tulsi, Ashwagandha, BhuiAmla, Ghritkumari, Guggulu etc.
11	Himachal Pradesh	61830	Giloe, Ashwagandha, Jamun, Harsingar
12	Haryana	800	Giloe, Tulsi, Ashwagandha, BhuiAmla, Ghritkumari
13	Jammu & Kashmir	250	Giloe, Ashwagandha
14	Jharkhand	400	Tulsi, Cardamom, Pipali etc.
15	Puducherry	2500	Pipali, Nergundi, Adarak, Vasak, Tulsi etc.
16	Punjab	177217	Ashwagandha, Giloe, lemon grass, Ghritkumari, Nirgundi, Shatavari etc.
17	Kerala	17770	Tulsi, Cardamom, Pipali, Brahmi, Ashoka, Curry Patta, Neem, Nirgundi, etc.
18	Karnataka	8203	Neem, Bahunia, Ashoka, Gmelina etc.
19	Madhya Pradesh	81631	Giloe, Guggulu, Satavar, Giloe, Ashwagandha etc.
20	Maharashtra	60784	Giloe, Amla, Arjuna, Harad
21	Meghalaya	3000	Madukparni, Zanthoxylum, Gaultheria, Lodhra etc.
22	Manipur	50000	Giloe, Amla, Arjuna, Harad
23	Mizoram	10120	Satavar, Amla, Herb Paris etc.
24	Odisha	23700	Tulsi, Ashwagandha, Giloe
25	Rajasthan	57772	Guggulu, Amla, Bael
26	Sikkim	54000	Giloe, Amla, Ghritkumari, Harad, Baheda, Curry Patta, Reetha, Syonak etc.
27	Tamil Nadu	33006	Ashoka, Nux vomica, Bael etc.
28	West Bengal	6680	Tejpata, Stevia, Ashoka, Giloe, Tulsi etc.
29	Uttarakhand	47236	Kutki, BadhiElaichi, Lemon grass, Tejpatta etc.
30	Uttar Pradesh	10261	Giloe, Ashwagandha, Jamun, Harsingar etc.
Total saplings distributed			4637422

Annexure – II

State / UT-wise financial assistance provided for cultivation of medicinal plants under NAM scheme

(Rs. in lakh)

S. No.	State	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Total
1	Andhra Pradesh	121.28	205.26	128.38	69.28	220.41	0.00	744.61
2	Arunachal Pradesh	0.00	42.78	38.43	9.36	26.26	59.50	176.33
3	Assam	0.00	85.86	55.35	28.12	0.00	0.00	169.34
4	Bihar	0.00	0.00	0.00	0.00	74.49	0.00	74.49
5	Chhattisgarh	0.00	47.63	27.96	28.11	0.00	0.00	103.70
6	Goa	0.00	8.22	9.44	9.44	9.74	0.00	36.84
7	Gujarat	25.92	72.19	71.45	178.67	0.00	0.00	348.23
8	Haryana	49.81	56.99	0.00	0.00	0.00	0.00	106.80
9	Himachal Pradesh	35.73	100.06	8.04	0.00	54.44	0.00	198.28
10	Jammu & Kashmir	7.39	30.67	19.22	21.50	18.29	21.54	118.61
11	Karnataka	102.20	195.63	154.21	86.49	114.67	359.88	1013.09
12	Kerala	69.64	130.43	171.39	115.27	0.00	101.11	587.83
13	Madhya Pradesh	286.91	490.88	317.28	249.36	287.87	853.74	2486.03
14	Maharashtra	194.61	0.00	265.51	0.00	285.36	0.00	745.48
15	Manipur	48.30	70.88	30.25	17.58	15.83	0.00	182.83
16	Meghalaya	0.00	12.77	7.05	0.00	31.53	0.00	51.35
17	Mizoram	8.13	6.82	41.26	39.64	0.95	10.30	107.11
18	Nagaland	20.36	39.38	65.89	38.04	0.00	75.48	239.15
19	Orissa	0.00	107.55	0.00	85.06	0.00	0.00	192.61
20	Puducherry	0.00	4.96	0.00	0.39	0.78	0.00	6.14
21	Punjab	0.00	78.61	0.00	9.47	66.15	0.00	154.23
22	Rajasthan	38.53	194.81	473.60	203.24	327.85	0.00	1238.03
23	Sikkim	22.32	23.25	24.98	0.00	0.00	40.99	111.54
24	Tamil Nadu	144.22	252.71	222.92	173.09	260.99	0.00	1053.94
25	Telangana	81.32	38.75	75.04	36.87	65.75	0.00	297.73
26	Tripura	6.06	0.00	0.00	42.90	0.00	0.00	48.96
27	Uttarakhand	54.22	129.82	105.99	55.67	133.60	0.00	479.28
28	Uttar Pradesh	548.76	336.92	241.20	564.05	0.00	503.01	2193.95
29	West Bengal	18.13	44.94	104.98	62.20	160.93	0.00	391.19
	TOTAL	1883.85	2808.77	2659.82	2123.79	2155.89	2025.56	13657.68

Annexure-III

Details of projects supported on survey of endangered/rare medicinal plants during last 05 years are as under:

Year	State	SN	Project title and agency detail	Sanctioned Amount (In Lakh)
2017-18	Himachal Pradesh	1.	"Survey, mapping, development of cultivation techniques, evaluation of selected germplasm and economics of <i>Fritillaria roylei</i> Hook.f., (Kakoli) an important plant of the Ashtavarga Group of Medicinal and Aromatic Plants". Extension Division, Himalayan Forest Research Institute, Shimla. Himachal Pradesh Plant species: <i>Fritillaria roylei</i>	66.42
	Himachal Pradesh	2.	Development of geo-tagged digital database and spectral library of medicinal plants in protected cultivation in the foot hills of Western Himalayas. Department of High Altitude Biology (HAB) Division, Palampur, Himachal Pradesh	36.77
	Karnataka	3.	Identification of elite types, Molecular Characterization and Conservation of Highly-traded and threatened Medicinal Plants in the Central Western Ghats UAS Dharwad, SIRSI, Utra Kannada, Karnataka Plant species: <i>Coscinium fenestratum, Embelia ribes, Salacia ablonga and Mappia foetida.</i>	55.67
	West Bengal	4.	Medicinal orchid : A step towards population for commercial cultivation through collection, conservation and multiplication in Himalayan region of Darjeeling and Sikkim Himalayas Aromatic Plants & Betelvin. Kalimpong Centre, Uttar Banga Krishi Viswa Vidyalaya (UBKV), Regional Research Satation (HZ), Kalimpong, Darjeeling, West Bengal Plant species: <i>Aerides multifora, Malaxia acuminata, Malaxis muscifera, Pleione maculats, Satyrium nepalense.</i>	49.95
2018-19	New Delhi	5.	Collection, Characterization and Conservation of <i>Bunium persicum</i> : an endangered plant species	64.00

			ICAR- National Bureau of Plant Genetics Resources, New Delhi Plant species: <i>Bunium persicum</i>	
2019-20	Himachal Pradesh	6.	Survey, Selection, Phyto-chemical Evaluation, Cytogenetical Characterization and Multi-location testing of Harar (<i>Terminalia chebula</i> Retz) in India College of Horticulture and Forestry, Neri, Hamirpur (Dr. YS Parmar University of Horticulture and Forestry, Nauni, Solan) Plant species: <i>Terminalia chebula</i> Retz	60.34
2020-21	Kerala	7.	Germplasm conservation and Phytochemical evaluation of <i>Adhatoda beddomei</i> C.B.CI. (Citta adalotakam). University of Kerala, Kariavattom, Thruvananthapuram, Kerala Plant species: <i>Saraca asoca</i> (Roxb.) Willd	16.17
	Uttar Pradesh	8.	Chemometric Assisted Chromatographic Fingerprinting /marker Based Method To Distinguish Sida Complex Dr. Karuna Shanker, Principal Scientist, CSIR-Central Institute Of Medicinal And Aromatic Plants, PO CIMAP, Lucknow, Uttar Pradesh Plant selected:- <i>Sida cordifolia</i> , <i>Sida rhombifolia</i> , <i>Sida cordata</i> & <i>Sida acuta</i>	25.54
2021-22	Madhya Pradesh	9.	Germplasm collection and bio-molecular characterization of Black Turmeric (<i>Curcuma Caesia</i> Roxb.) Jawaharlal Nehru Krishi Vishwa Vidhalya, Jabalpur, Madhya Pradesh Plant species : <i>Curcuma caesia</i>	42.22