

**GOVERNMENT OF INDIA  
MINISTRY OF AYURVEDA, YOGA & NATUROPATHY,  
UNANI, SIDDHA AND HOMOEOPATHY  
(AYUSH)**

**LOK SABHA  
UNSTARRED QUESTION NO. 2248  
TO BE ANSWERED ON 6<sup>TH</sup> MAY, 2016**

**PROMOTING HERBAL FARMING**

**2248. SHRI BHAIRON PRASAD MISHRA:  
SHRI GODSE HEMANT TUKARAM:  
SHRI P. KUMAR:**

Will the Minister of **AYURVEDA, YOGA AND NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY (AYUSH)** be pleased to state:

- (a) whether the Government has undertaken any study to identify and map the indigenous medicinal/aromatic plants and the herbs across the country;
- (b) if so, the details thereof, State/UTwise;
- (c) the measures taken/proposed to be taken by the Government for documentation of these plants and herbs in the country so as to protect them from being patented in other countries; and
- (d) the steps taken/proposed to be taken by the Government for the conservation, cultivation and commercial exploitation of indigenous medicinal/aromatic plants along with the funds earmarked, allocated and utilised for the purpose during each of the last three years, State-wise?

**ANSWER  
THE MINISTER OF STATE (IC) OF THE MINISTRY OF AYURVEDA,  
YOGA & NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY  
(SHRI SHRIPAD YESSO NAIK)**

(a) & (b): The Botanical Survey of India (BSI), an organization under Ministry of Environment, Forests and Climate Change has been carrying out survey, identification and documentation of all plant resources of the country including medicinal / aromatic plants and herbs. As per BSI estimate more than 8,000 species of medicinal / aromatic plants / medicinal herbs are found in the country.

The National Medicinal Plants Board (NMPB), Ministry of AYUSH under its Central Sector Scheme on "Conservation, Development and Sustainable Management of Medicinal Plants" is supporting Research & Development projects to various research organizations / institutions for conducting survey, identification, documentation of medicinal plants in the country. The NMPB through Foundation for Revitalisation of Local Health Traditions (FRLHT), Bangalore has developed a database on Indian Medicinal Plants which contain information about the habitat and therapeutic uses of more than 7,000 medicinal plants species.

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This database is in public domain for access to the existing information ([www.medicinalplants.in](http://www.medicinalplants.in)).

(c): Ministry of AYUSH in collaboration with Council for Scientific and Industrial Research (CSIR) set up a Traditional Knowledge Digital Library (TKDL) for prevention of misappropriation from Patents grant. To prevent wrongful grant of patents in other countries access of TKDL has been given to International Patent offices under Access Agreement to European Patent Office, Indian Patent Office (CGPDTM), German Patent and Trademark Office, United States Patent and Trademark Office, United Kingdom Intellectual Property Office, Canadian Intellectual Property Office, Intellectual Property Australia, Japan Patent Office, Chile Patent Office, and Malaysian Patent Office.

(d): Since its inception in 2000, the NMPB has been implementing different programmes / schemes for overall development of medicinal plants sector in the country. The following Schemes are being implemented w.e.f. 2008-09:

- i). Central Sector Scheme for “Conservation, Development and Sustainable Management of Medicinal Plants” which primarily aims at providing support for Survey, Inventorization, *in-situ* / *ex-situ* conservation, herbal gardens, Research and Development, linkage with peoples collectives like Self Help Groups (SHGs), Joint Forests Management Committees (JFMCs) etc.
- ii). Centrally Sponsored Scheme of “National Mission on Medicinal Plants” which primarily aims at providing support for cultivation of medicinal plants on private land with backwards linkages, for establishment of nurseries for supply of quality planting material etc. and forward linkages. Currently this Scheme is being implemented as a component (Medicinal Plants) of the National AYUSH Mission (NAM) Scheme of the Ministry of AYUSH.

The State / UT-wise details of the funds released and utilized under both the above Schemes during each of the last three years are at **Annexure-I&II**.

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**Annexure-I**

**The State / UT-wise details of the fund released and utilized under Central Sector Scheme for "Conservation, Development and Sustainable Management of Medicinal Plants" during each of the last three financial years**

(₹ in Lakhs)

S.No.	State/UT	2013-14		2014-15		2015-16	
		Fund Released	Fund Utilized	Fund Released	Funds Utilized	Fund Released	Fund Utilized *
1.	Andhra Pradesh	194.10	28.32	761.93	11.48	26.25	
2.	Arunachal Pradesh	4.95	0.00	0.00	0.00	79.09	
3.	Assam	29.00	24.00	0.00	0.00	175.26	
4.	Chhattisgarh	374.07	312.05	222.36	0.00	171.67	
5.	Delhi	87.86	82.85	114.12	20.50	118.53	
6.	Goa	0.00	0.00	0.00	0.00	25.00	
7.	Gujarat	133.15	46.67	238.22	0.00	143.22	
8.	Haryana	10.87	10.87	4.69	0.00	0.00	
9.	Himachal Pradesh	40.44	40.44	272.74	77.98	165.85	
10.	Jammu & Kashmir	175.09	103.33	31.19	24.49	10.87	
11.	Jharkhand	0.00	0.00	618.00	0.00	86.87	
12.	Karnataka	281.21	281.21	917.39	249.37	168.35	
13.	Kerala	161.88	161.87	159.72	-6.00	252.24	
14.	Madhya Pradesh	1338.91	887.91	11.24	5.00	632.55	
15.	Maharashtra	661.59	643.35	351.72	105.60	794.59	
16.	Manipur	13.00	13.00	17.20	0.00	452.91	
17.	Mizoram	174.90	174.90	11.00	0.00	176.18	
18.	Nagaland	99.35	99.35	87.77	0.01	19.58	
19.	Orissa	97.10	72.00	31.00	22.00	72.02	
20.	Punjab	39.01	22.00	0.00	0.00	8.00	
21.	Rajasthan	684.37	681.37	320.53	92.64	457.99	
22.	Sikkim	547.38	547.38	611.82	1.00	302.56	
23.	Tamil Nadu	190.28	145.24	8.40	2.40	117.04	
24.	Tripura	0.00	0.00	216.43	2.99	130.42	
25.	Uttar Pradesh	188.53	35.84	58.93	10.00	79.35	
26.	Uttarakhand	133.15	125.28	150.63	47.72	203.41	
27.	West Bengal	109.00	23.00	573.08	26.87	20.48	
28.	Andaman & Nicobar	41.27	41.27	0.00	0.00	0.00	
29.	Chandigarh	5.00	4.96	6.46	1.50	10.00	
30.	Lakshadweep	0.00	0.00	2.69	-2.31	15.00	
31.	Telangana	0.00	0.00	12.00	0.00	379.70	
32.	Pondicherry	1.80	1.80	0.00	0.00	0.00	
<b>Total</b>		<b>5817.26</b>	<b>4610.26</b>	<b>5811.26</b>	<b>693.24</b>	<b>5294.98</b>	

**Note:** \* The funds released during the year 2015-16 are under utilization

## Annexure-II

**The State / UT-wise details of the fund released and utilized under Centrally Sponsored Scheme of "National Mission on Medicinal Plants" during 2013-14 and 2014-15 and under National AYUSH Mission (NAM) Scheme during the year 2015-16**

(Rs. in lakhs)

S.No	Name of State	2013-14		2014-15		2015-16	
		Fund released	Fund utilised	Fund released	Fund utilised	Fund Approved / released under NAM Scheme	Fund utilised
1	Andhra Pradesh	963.63	708.60111	1200.61	213.76	133.780	
2	Arunachal Pradesh	118.65	0.00	0.00	0.00	0.00	
3	Assam	0.00	0.00	0.00	0.00	0.00	
4	Bihar	0.00	0.00	0.00	0.00	0.00	
5	Chhattisgarh	0.00	29.94307 (fund utilised from the grant released during 2011-12)	0.00	0.00	0.00	
6	Gujarat	0.00	0.00	172.25	0.00	168.415	
7	Haryana	171.14	0.00	87.5	0.00	51.6788	
8	Himachal Pradesh	97.54	0.00	0.00	0.00	61.981	
9	Jammu & Kashmir	0.00	44.936 (fund utilised from the grant released during 2009-10)	0.00	0.00	54.893	
10	Jharkhand	0.00	0.00	0.00	0.00	0.00	
11	Karnataka	216.71	0.00	110.82	68.163	137.204	
12	Kerala	264.27	264.27	0.00	0.00	126.5225	
13	Madhya Pradesh	526.43407	364.30046	507.3	2.87	306.905	
14	Maharashtra	682.44	608.21685	589.88	400	205.877	
15	Manipur	105.96	105.96	73.06	73.06	60.80	
16	Meghalaya	0.00	0.00	172.62	0.00	0.00	
17	Mizoram	18.28	18.28	57.72	57.72	14.384	
18	Nagaland	175.88	175.88	102.06	102.06	60.414	
19	Orissa	150.66	99.89495	191.53	0.00	0.00	
20	Rajasthan	28.87	0.00	42.51	11.06	113.532	
21	Sikkim	137.59	0.00	77.24	103.05592	30.731	
22	Tamil Nadu	1022.6698	1078.28	926.57	926.568	144.224	
23	Telangana	0.00	0.00	0.00	284.0725	111.316	
24	Tripura	0.00	0.00	53.23	0.00	36.064	
25	Uttar Pradesh	424.36	0.00	0.00	174.3	720.012	
26	Uttarakhand	278.86	273.55697	202.03	138.98	60.466	
27	West Bengal	0.00	243.70717 (fund utilised from the grant released during 2010-11)	0.00	0.00	180.631	
	<b>Total</b>	<b>5383.94</b>	<b>4015.82658</b>	<b>4566.93</b>	<b>2555.6694</b>	<b>2779.8303</b>	

**Note:** The funds released during the year 2013-14, 2014-15 and 2015-16 are under utilisation.