

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 4988  
TO BE ANSWERED ON 31/03/2023**

**PRODUCTION AND PROCESSING OF HERBS**

**4988. SHRI M. SELVARAJ:**

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

- (a) whether any special scheme has been launched for the production and processing of herbs in the country including Tamil Nadu and if so, the details thereof;
- (b) whether provisions have been made for marketing and imparting training to the farmers in the technology required under the said scheme and if so, the details thereof;
- (c) whether there is any proposal to connect the farmers with the new research;
- (d) if so, the details thereof; and
- (e) whether skill development is being carried out in this sector and if so, the details thereof?

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

(a) Yes, Sir. 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 including Tamil Nadu. As per the scheme guidelines, 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 had supported 56,305 hectare area under cultivation of medicinal plants and 25 no. of processing units throughout the country including Tamil Nadu from the financial year 2015-16 to 2020-21. Detail is given at **Annexure – I**.

(b) Yes, Sir. There was a provision to provide the financial assistance for establishment of marketing infrastructure viz. rural / district collection centres / retail outlets under medicinal plants component of National Ayush Mission (NAM) scheme. The state / UT wise detail of marketing infrastructure is given at **Annexure – II**.

Under the same scheme, the financial assistance was also provided to the State Implementing Agency for organization of training programmes to the farmers on Good Agricultural Practices and Good Field Collection Practices of medicinal plants. Till date, Ministry of Ayush had supported 19061 farmers for the training under flexi component of National Ayush Mission (NAM) scheme throughout the country from the F.Y. 2015-16 to 2020-21. The state / UT wise detail of farmers is given at **Annexure – II**.

(c) & (d) No, Sir. However, National Medicinal Plants Board, Ministry of Ayush under its Central Sector Scheme on ‘Conservation, Development and Sustainable Management of Medicinal Plants’ provides project based financial support to carryout research activities on various aspects of medicinal plants to the universities / research institutions/organizations across the country. The details of research projects supported during financial year 2018-19 to 2022-23 theme-wise for different research activities on various aspects of medicinal plants are given below:

**Details of projects sanctioned for various research activities during financial year 2018-19 to 2022-23.**

<b>Sr. No.</b>	<b>Research Areas</b>	<b>Number of Projects</b>
1.	Survey, identification, characterization and conservation of medical plants	05
2.	Post-harvest Management, assessment of heavy metals and integrated post management	07
3.	Varietal development and prospect of marketing	02
4.	Genotype identification, genetic improvement, genome study and germplasm collection & conservation	07
5.	Development of agro techniques, standardization of nursery techniques and cultivation practices	08
6.	In-vitro propagation studies, micro-propagation chemical & molecular profiling and phyto-chemicals evaluation	15
7.	Bioactivity guided fractionation studies and pre-clinical studies	08
8.	Intercropping and sustainable production technology	02
9.	Documentation and development of geo-tag digital library	04
10.	Finding out substitute and authentication of raw drugs	09
<b>Total</b>		<b>67</b>

(e) Yes, Sir. The National Medicinal Plants Board, Ministry of Ayush, Government of India is presently implementing Central Sector Scheme on “Conservation, Development and Sustainable

Management of Medicinal Plants” throughout the country. Under the same scheme, NMPB, Ministry of Ayush has supported 562 projects to State Forest Departments for Conservation, Resource Augmentation of medicinal plants and support to JFMCs/BMCs etc. for value addition and livelihood generation in forest areas, 264 projects under Information, Education and Communication (IEC) activities to aware the local masses about the medicinal plants, 89 projects for establishment of nurseries to raise the quality planting material, 19 projects under marketing of medicinal plants and 224 projects for establishment of herbal garden throughout the country since its inception. Detail is given at **Annexure – III**.

**Detail of area supported under cultivation of medicinal plants and processing units under Medicinal Plants Component of National AYUSH Mission (NAM) scheme from the financial year 2015-16 to 2020-21**

<b>S. No.</b>	<b>State</b>	<b>Area supported under cultivation (In ha)</b>	<b>Number of Processing Unit</b>
1	Andhra Pradesh	4350	0
2	Arunachal Pradesh	364	0
3	Assam	624	0
4	Bihar	175	7
5	Chhattisgarh	400	1
6	Goa	113	0
7	Gujarat	936	3
8	Haryana	420	0
9	Himachal Pradesh	236	0
10	Jammu & Kashmir	141	4
11	Karnataka	3926	1
12	Kerala	2269	0
13	Madhya Pradesh	12551	0
14	Maharashtra	1290	2
15	Manipur	616	0
16	Meghalaya	178	0
17	Mizoram	373	1
18	Nagaland	752	0
19	Orissa	866	0
20	Puducherry	50	0
21	Punjab	598	0
22	Rajasthan	4113	4
23	Sikkim	237	0
24	Tamil Nadu	3931	0
25	Telangana	1674	0
26	Tripura	256	0
27	Uttarakhand	802	0
28	Uttar Pradesh	12300	0
29	West Bengal	1764	2
<b>TOTAL</b>		<b>56305</b>	<b>25</b>

**State/UT wise details of Marketing Infrastructure (rural / district collection centres / retail outlets), Information, Education & Communication (IEC) activities and number of farmers (trained) supported under Medicinal Plants Component of National AYUSH Mission (NAM) scheme from the financial year 2015-16 to 2020-21.**

S. No.	State	Marketing infrastructure	IEC activities under Flexi component	Number of farmers for Training
1	Andhra Pradesh	1	12	385
2	Arunachal Pradesh	0	1	275
3	Assam	5	2	350
4	Bihar	0	3	700
5	Chhattisgarh	2	6	600
6	Goa	0	1	120
7	Gujarat	1	9	1200
8	Haryana	0	6	75
9	Himachal Pradesh	0	3	0
10	Jammu & Kashmir	1	4	1207
11	Karnataka	0	14	375
12	Kerala	5	5	200
13	Madhya Pradesh	1	64	1590
14	Maharashtra	1	2	300
15	Manipur	2	3	450
16	Meghalaya	1	4	100
17	Mizoram	1	10	1100
18	Nagaland	0	1	0
19	Orissa	0	3	200
20	Puducherry	0	0	50
21	Punjab	0	10	450
22	Rajasthan	6	18	2500
23	Sikkim	0	1	0
24	Tamil Nadu	0	0	250
25	Telangana	6	12	1235
26	Tripura	0	0	249
27	Uttarakhand	0	3	1000
28	Uttar Pradesh	8	32	3200
29	West Bengal	1	6	900
<b>TOTAL</b>		<b>42</b>	<b>235</b>	<b>19061</b>

**State/UT wise details of projects supported under Central Sector Scheme on “Conservation, Development and Sustainable Management of Medicinal Plants”**

S. No.	State	No. of Project supported				
		Conservation, Resource Augmentation of medicinal plants and support to JFMCs/BMCs	Quality Planting Material	Information, Education & Communication	Marketing and Trade	Institutional Herbal Garden
1	Andaman & Nicobar	3	0	0	0	2
2	Andhra Pradesh	18	6	5	0	10
3	Arunachal Pradesh	18	1	6	0	3
4	Assam	8	3	13	0	13
5	Bihar	0	1	0	0	1
6	Chhattisgarh	38	0	1	0	2
7	Chandigarh	1	0	0	0	0
8	Delhi	0	3	44	10	14
9	Dadra Nagar Haveli	2	0	0	0	0
10	Goa	4	1	0	0	2
11	Gujarat	39	2	6	0	11
12	Haryana	9	0	3	0	8
13	Himachal Pradesh	17	1	4	0	5
14	Jammu & Kashmir	7	3	2	0	9
15	Jharkhand	10	3	4	0	4
16	Karnataka	32	2	19	0	10
17	Kerala	33	5	10	0	26
18	Ladakh	0	0	2	0	0
19	Madhya Pradesh	44	4	16	1	1
20	Maharashtra	43	4	19	1	21
21	Manipur	14	3	3	0	2
22	Meghalaya	9	0	3	0	0
23	Mizoram	25	1	1	0	3
24	Nagaland	11	3	3	0	1
25	Orissa	27	2	10	0	7
26	Pondicherry	0	0	0	0	1
27	Punjab	9	3	8	0	6
28	Rajasthan	22	3	9	2	9
29	Sikkim	31	2	1	0	0
30	Tamil Nadu	12	1	21	0	14

31	Telangana	2	4	6	3	5
32	Tripura	14	0	0	0	0
33	Uttar Pradesh	11	5	11	0	12
34	Uttarakhand	39	19	14	0	11
35	West Bengal	10	4	20	2	11
	<b>Total</b>	<b>562</b>	<b>89</b>	<b>264</b>	<b>19</b>	<b>224</b>