

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 565  
TO BE ANSWERED ON 09<sup>TH</sup> DECEMBER 2022**

**MEDICINAL PLANTS**

**565. SHRI PARVESH SAHIB SINGH VERMA :  
SHRI SUNIL BABURAO MENDHE :**

Will the Minister of AYUSH be pleased to state:

- (a) whether the Government is aware of depleting medicinal plant resources and if so, the reasons therefor and the steps taken by the Government to address this problem;
- (b) the quantity of Medicinal plants and herbs produced in the country particularly in Maharashtra during the last three years;
- (c) the financial assistance provided to promote the farming of Medicinal plants and herbs during the said period, State/UT-wise;
- (d) the quantity of Medicinal plants exported from Maharashtra during the said period;
- (e) the steps taken to promote production of Ayurvedic and herbal medicines in the country particularly in Maharashtra;
- (f) whether the Government encourages/proposes to encourage the farmers for cultivation of Medicinal plants under any scheme, if so, the details thereof; and
- (g) the steps taken by the Government to promote the emerging nutraceutical industry?

**ANSWER**

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

- (a) Yes Sir. The Government is aware of depleting medicinal plant resources in the country. The reasons for depletion of medicinal plant resources are unsustainable collection / harvesting of these resources from the wild and destruction of their natural habitat.

To address this problem, the Ministry of Ayush, Government of India under its “Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants” is providing project based support to State Forest Department for in-

situ conservation by way of establishing Medicinal Plant Conservation Development Areas (MPCDAs) and Resource Augmentation by way of plantation in Forest areas and ex-situ plantation outside designated forest areas.

- (b) 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 the State of Maharashtra. 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.

During last three year, under ‘Medicinal Plants’ component of National Ayush Mission (NAM), the Ministry of Ayush had supported 15,150 hectare area for cultivation of medicinal plants throughout the country including State of Maharashtra. The detail is given at **Annexure – I**.

- (c) The Ministry of Ayush had provided an amount of Rs. 4181.45 lakh to promote the farming of medicinal plants and herbs under ‘Medicinal Plants’ component of National Ayush Mission (NAM) scheme throughout the country. The state-wise and year-wise detail of fund approved/released for cultivation of medicinal plants under National Ayush Mission (NAM) scheme is given at **Annexure – II**.
- (d) As per data received from Directorate General of Commercial Intelligence & Statistics (DGCIS) under Ministry of Commerce & Industry, the State-wise export data are compiled by DGCIS on the basis of State Codes reported by the exporters in the shipping

bills with the custom authority. The export of Ayush and herbal products from Maharashtra during last three years is at **Annexure – III**.

(e) Ministry of Ayush has implemented Central Sector Scheme AYUSH Oushadhi Gunvatta Evam Utpadan Samvardhan Yojana (AOGUSY) including Maharashtra. The objectives of the Scheme are as under :

- i. To enhance India's manufacturing capabilities and exports of traditional medicines and health promotion products under the initiative of Atmanirbhar Bharat.
- ii. To facilitate adequate infrastructural & technological upgradation and institutional activities in public and private sector for standardization, quality manufacturing and analytical testing of Ayush drugs & materials.
- iii. To strengthen regulatory frameworks at Central and State level for effective quality control, safety monitoring and surveillance of misleading advertisements of Ayush drugs.
- iv. To encourage building up synergies, collaborations and convergent approaches for promoting standards and quality of Ayush drugs & materials.

The components of the AYUSH Oushadhi Gunvatta Evam Utpadan Samvardhan Yojana (AOGUSY) are as under :

- A. Strengthening and up-gradation of Ayush Pharmacies and Drug Testing Laboratories to achieve higher standards.
- B. Pharmacovigilance of ASU&H drugs including surveillance of misleading advertisements.
- C. Strengthening of Central and State regulatory frameworks including Technical Human Resource & Capacity Building programs for Ayush drugs.
- D. Support for development of standards and accreditation/ certification of Ayush products & materials in collaboration with Bureau of Indian Standards (BIS), Quality Control of India (QCI) and other relevant scientific institutions and industrial R&D Centres.

- (f) To encourage the farmers for cultivation of medicinal plants, the National Medicinal Plants Board (NMPB), Ministry of Ayush under its Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants is providing financial assistance to Regional Cum Facilitation Centres (RCFCs), State Government and Non-Government Organizations (NGO) for development of Quality Planting Material (QPM) / saplings of Medicinal Plants and their distribution to farmers. In addition, from time to time, various training programmes / workshops also supported to impart trainings to farmers for Cultivation of medicinal plants.
  
- (g) Council of Scientific & Industrial Research (CSIR) is an autonomous R&D organization involved in Research and Development in varied areas of science including medicinal plants. CSIR laboratories specially CSIR-IHBT, CSIR-NEIST, CSIR-CFTRI, CSIR-NIIST, CSIR-CIMAP are involved in developing nutraceuticals through Mission Mode program implemented by CSIR. The nutraceutical industries both emerging and established ones are encouraged for commercial development of the nutraceutical developed by CSIR as well as industry in a collaborative mode. Industry meets are also carried out in this direction by the CSIR labs involved in nutraceutical development from herbals.

**Details of area supported under cultivation of medicinal plants through National Ayush Mission scheme from the financial year 2019-20 to 2020-21.**

**(Area in hectare)**

<b>S. No.</b>	<b>State</b>	<b>2019-20</b>	<b>2020-21</b>	<b>Total</b>
1	Andhra Pradesh	1338	0	<b>1338</b>
2	Arunachal Pradesh	44	98	<b>142</b>
3	Bihar	175	0	<b>175</b>
4	Goa	30	0	<b>30</b>
5	Himachal Pradesh	70	0	<b>70</b>
6	Jammu & Kashmir	28	25	<b>53</b>
7	Karnataka	353	1100	<b>1453</b>
8	Kerala	0	330	<b>330</b>
9	Madhya Pradesh	790	4270	<b>5060</b>
10	Maharashtra	520	0	<b>520</b>
11	Manipur	30	0	<b>30</b>
12	Meghalaya	108	0	<b>108</b>
13	Mizoram	6	29	<b>35</b>
14	Nagaland	0	210	<b>210</b>
15	Puducherry	5	0	<b>5</b>
16	Punjab	340	0	<b>340</b>
17	Rajasthan	760	0	<b>760</b>
18	Sikkim	0	58	<b>58</b>
19	Tamil Nadu	900	0	<b>900</b>
20	Telangana	341	0	<b>341</b>
21	Uttarakhand	208	0	<b>208</b>
22	Uttar Pradesh	0	2236	<b>2236</b>
23	West Bengal	748	0	<b>748</b>
<b>TOTAL</b>		<b>6794</b>	<b>8356</b>	<b>15150</b>

**Annexure – II**

**Details of fund approved/released for cultivation of medicinal plants under National Ayush Mission scheme from the financial year 2019-20 to 2020-21.**

**(Rs. in lakh)**

<b>S.No.</b>	<b>State</b>	<b>2019-20</b>	<b>2020-21</b>	<b>Total</b>
1	Andhra Pradesh	220.408	0	<b>220.408</b>
2	Arunachal Pradesh	26.255	59.5	<b>85.755</b>
3	Bihar	74.487	0	<b>74.487</b>
4	Goa	9.742	0	<b>9.742</b>
5	Himachal Pradesh	54.444	0	<b>54.444</b>
6	Jammu & Kashmir	18.288	21.539	<b>39.827</b>
7	Karnataka	114.673	359.881	<b>474.554</b>
8	Kerala	0	101.112	<b>101.112</b>
9	Madhya Pradesh	287.873	853.736	<b>1141.61</b>
10	Maharashtra	285.356	0	<b>285.356</b>
11	Manipur	15.829	0	<b>15.829</b>
12	Meghalaya	31.526	0	<b>31.526</b>
13	Mizoram	0.954	10.304	<b>11.258</b>
14	Nagaland	0	75.482	<b>75.482</b>
15	Puducherry	0.783	0	<b>0.783</b>
16	Punjab	66.154	0	<b>66.154</b>
17	Rajasthan	327.848	0	<b>327.848</b>
18	Sikkim	0	40.989	<b>40.989</b>
19	Tamil Nadu	260.995	0	<b>260.995</b>
20	Telangana	65.748	0	<b>65.748</b>
21	Uttarakhand	133.595	0	<b>133.595</b>
22	Uttar Pradesh	0	503.012	<b>503.012</b>
23	West Bengal	160.933	0	<b>160.933</b>
<b>TOTAL</b>		<b>2155.89</b>	<b>2025.56</b>	<b>4181.45</b>

**Annexure – III****Export of Ayush and herbal products from Maharashtra during FY 2019-20 to FY 2021-22**

<b>State</b>	<b>Commodity</b>	<b>2019-20</b>		<b>2020-21</b>		<b>2021-22</b>	
		Quantity (Kgs)	Value (in million USD)	Quantity (Kgs)	Value (in million USD)	Quantity (Kgs)	Value (in million USD)
Maharashtra	Ayush and herbal products	14559431	62.930857	15733567	71.815499	12873201	61.941434