

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

**LOK SABHA  
STARRED QUESTION NO. 351  
TO BE ANSWERED ON 10<sup>TH</sup> AUGUST, 2018  
PRODUCTION AND PROCESSING OF HERBS**

**†\*351. DR. RAMESH POKHRIYAL “NISHANK”:**

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

- (a) whether any special scheme has been launched for the production and processing of herbs in the Himalayan States including Uttarakhand 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 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 STATE(IC) OF THE MINISTRY OF  
AYURVEDA, YOGA & NATUROPATHY, UNANI, SIDDHA AND  
HOMOEOPATHY  
(SHRI SHRIPAD YESSO NAIK)**

(a) & (e) : A statement is laid on the Table of the House

**STATEMENT REFERRED TO IN REPLY TO LOK SABHA  
STARRED QUESTION NO. 351 \* FOR 10<sup>TH</sup> AUGUST, 2018**

**(a) & (b):** Yes, presently, the Ministry of AYUSH is implementing a Centrally Sponsored Scheme of National AYUSH Mission (NAM) under which there is a component on 'Medicinal Plants' which primarily aimed at supporting market driven cultivation of medicinal plants on farmer's land with backward linkages through establishment of nurseries for supply of quality planting material and forward linkages for post-harvest management, processing, marketing infrastructure etc. The cultivation of medicinal plants is supported by providing subsidy @ 30%, 50% and 75% of cost of cultivation to farmers through the identified implementing agency of concerned states throughout the country including Himalayan States covering state of Uttarakhand. As per NAM scheme guidelines, the fund under this component is shared in the ratio of 60:40 between Central and State Government whereas it is in the ratio of 90:10 in North East & Hilly Regions states and financed 100% by Central Government in Union Territories (UTs).

Under the flexi component of NAM scheme, the provision has also been made for supporting activities of Marketing Infrastructure and providing Trainings to farmers. The details of funds allocated and released to the North Eastern States and Hilly States for cultivation, nurseries, post-harvest management units, marketing infrastructure and training programs during last three financial year is available at **Annexure**.

The National Medicinal Plants Board (NMPB), Ministry of AYUSH and Centre for Development of Advanced Computing (C-DAC) have been jointly developed "e-CHARAK" mobile application as well as web portal for the promotion and marketing of medicinal plants/herbs. The "e-CHARAK" an e-channel for Herbs, Aromatic, Raw material and knowledge is a platform to enable information exchange between various stakeholders mainly farmers involved in the medicinal plants sector across the country. The "e-CHARAK" application supports different local languages and it also provides fortnightly market price of 100 commodities from 25 herbal markets across the India for awareness of farmers/traders/manufacturers/collectors. For awareness and promotion of "e-CHARAK" application as well as web portal across the India, the NMPB, Ministry of AYUSH in collaboration with C-DAC also organise seminars in different part of the country.

In addition, the Council of Scientific and Industrial Research (CSIR) has launched two mission viz. Aroma Mission and Phyto-pharmaceutical Mission. The Aroma Mission is aimed at increasing the area under cultivation, processing

and post-harvest management of location specific, market oriented high value aromatic cash crops for the socio-economic upliftment of the farmers. The Phyto-pharmaceutical Mission is aimed at conservation, mass scale production and processing of important location specific medicinal plants (MAPs) to be utilized as raw material for development of drugs from plant origin. The states covered under these missions include Himachal Pradesh, Uttarakhand, Jammu & Kashmir, Nagaland and Assam. Provision of training and skill development is integral part of the both missions for quality control, production and processing of herbs.

**(c) & (d):** Yes, different Institutes under Indian Council of Agricultural Research (ICAR) are engaged in creating awareness about the technologies through Krishi Vigyan Kendras (KVKs). Benefits of successful experiments conducted by the research institutions reach the farmers at the grassroot level through scientists-farmers interaction also which take place in the institutes or at the farmers' fields. The farmers are also apprised by CSIR about the new research through trainings, awareness camps and interactive meets and guides on cultivation, processing and marketing aspects of MAPs to group of farmers on regular basis.

The NMPB, Ministry of AYUSH has developed Agro-techniques of 104 medicinal plants through different institutions of ICAR, CSIR and other premier research organizations in the country. To disseminate Agro-techniques of these medicinal plants for the benefit of farmers, the NMPB from time to time also organize awareness programme/ workshops etc. in different part of the country.

**(e):** The NMPB, Ministry of AYUSH through Directorate of Medicinal and Aromatic Plants Research (DMAPR), Anand Gujarat has developed a Training Module and Facilitation Guide to technically train the resource persons / farmers about Good Agricultural Practices (GAPs) and Good Field Collection Practices (GFCPs) for medicinal plants. In this regard, total 50 Master Trainers have been trained by DMAPR to impart training for the skill development of farmers.

## Annexure

**The details of funds allocated and released to the North Eastern States and Hilly States for cultivation, nurseries, post-harvest management units, marketing infrastructure and training programs during last three financial year under the National AYUSH Mission.**

(Rs. In lakhs)

S.N o	Name of State	2015-16		2016-17		2017-18	
		Allocation of Medicinal Plants	Funds Released	Allocation of Medicinal Plants	Funds Released	Allocation of Medicinal Plants	Funds Released
1	Arunachal Pradesh	25.032	-	45.031	42.779	61.111	61.11
2	Assam	158.971	-	175.37	120.239	392.284	393.25
3	Himachal Pradesh	62.115	61.981	60.036	170.069	75.783	75.543
4	Jammu & Kashmir	59.336	54.893	93.276	55.17	80.392	80.246
5	Manipur	60.896	60.80	73.38	70.875	90.341	85.498
6	Meghalaya	38.757	-	55.348	45.018	91.576	91.48
7	Mizoram	43.806	14.384	44.345	44.317	97.568	97.51
8	Nagaland	60.502	60.414	53.493	41.379	104.669	100.891
9	Sikkim	30.789	30.731	32.172	31.706	25.41	24.98
10	Tripura	36.864	36.064	54.522	-	77.281	-
11	Uttarakhand	60.989	60.466	70.024	195.367	130.148	130.147
<b>Total</b>		<b>638.057</b>	<b>379.733</b>	<b>756.995</b>	<b>816.919</b>	<b>1226.563</b>	<b>1140.655</b>