

**GOVERNMENT OF INDIA  
MINISTRY OF AYUSH**

**LOK SABHA  
UNSTARRED QUESTION NO. 1491  
TO BE ANSWERED ON 10/02/2023**

**BENEFITS OF MEDICINAL PLANTS TO ENVIRONMENT**

**1491. SHRI ARJUN LAL MEENA:**

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

- (a) whether the Ministry proposes to co-ordinate with the Ministry of Environment, Forest and Climate Change in the cultivation of medicinal plants in view of their great importance in purification and maintaining balance in the environment;
- (b) if so, the details thereof; and
- (c) if not, the reasons therefore?

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

**(a) & (b):** Yes Sir, National Medicinal Plants Board, Ministry of Ayush coordinates from time to time with Ministry of Environment, Forest and Climate Change (MoEFCC) to promote the medicinal plants related activities such as plantation, conservation, research & development etc. For conservation, resource augmentation of medicinal plants and for value addition and livelihood generation through Joint Forest Management Committees (JFMCs)/Biodiversity Management Committees (BMCs) etc., NMPB, Ministry of Ayush has also supported 557 no. of projects to State Forest Departments.

Under resource augmentation/plantation of medicinal plants 69709.87 hectare area and for establishment of Medicinal Plants Conservation and Development Areas (MPCDAs) 20589.45 hectare area have been supported to State Forest Departments throughout the country.

Besides this, NMPB has also supported 08 projects on research and development activities to the different organizations under Ministry of Environment, Forest and Climate Change (MoEFCC). The details of research projects sanctioned during last five years i.e. 2018-19 to 2022-23 State/UT-wise is given at **Annexure-I**.

**(c):** Not applicable.

## Annexure-I

S.no	Project Title & Organization Details
1	Develop Germplasm Repository of Endangered Medicinal Tree <i>Oroxylum indicum</i> (Shyonak) Forest Research Institute, Dehradun, Uttarakhand
2	In vitro mass propagation of <i>Angelica glauca</i> Edgew. Rootlet biomass for the production of bioactive phyto-compound/s using bioreactor and bio-inoculation technology Forest Research Institute, Dehradun, Uttarakhand
3	Inducing the Variation in <i>Santalum album</i> Linn. By Polyploidy Techniques for Genetic Improvement. IWST-Institute of Wood Science and Technology , 18 <sup>th</sup> Cross, Malleshwaram, Bangalore- 560003
4	Determination of the vector of Sandal Spike Disease (SSD) of Indian sandalwood ( <i>Santalum album</i> L.) and development of integrated vector management strategies. IWST- Institute of Wood Science and Technology , 18 <sup>th</sup> Cross, Malleshwaram, Bangalore-560003
5	Survey, Inventorisation, Documentation, Propagation and Conservation of rare, endangered and threatened medicinal plants of Arid and Semi- Arid Regions. Multi Institute Project AFRI- Arid Forest Research Institute, Jodhpur-342005, JNV- Jai Narain Vyas University, Jodhpur-342005
6	Phytochemical, morphological and molecular evaluation of RET medicinal plant <i>Trillium govanianum</i> (Nag chhatri) distributed in Northwestern Himalayan Region for its Conservation and Utilization. Forest Research Institute, Forest, Dehradun, Uttarakhand.
7	Medicinal plants-based Eco restoration of Coffee Plantations in Hassan and Chickmagalur Districts of Western Ghats, IWST, Malleshwaram, Bangalore Urban, Karnataka-560003
8	Spatial Niche Modelling and Genetic Diversity analysis of <i>Desmodium gangeticum</i> : An Important Medicinal Species of Shivalik Himalayas; Multi Institute Project, The Energy and Resources Institute (TERI), New Delhi, Forest Research Institute, Dehradun, Uttarakhand