

GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE AND FARMERS WELFARE  
DEPARTMENT OF AGRICULTURE, COOPERATION AND FARMERS WELFARE

**LOK SABHA**  
**UNSTARRED QUESTION NO.3720**  
TO BE ANSWERED ON THE 17<sup>TH</sup> MARCH, 2020  
**RESTRUCTURED NATIONAL BAMBOO MISSION**

3720. SHRI BHAGWANTH KHUBA:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण मंत्री be pleased to state:

- (a) the objectives and salient features of the restructured National Bamboo Mission (NBM);
- (b) whether the Government has any record regarding the area under bamboo plantation in the country and if so, the details thereof, State-wise including Karnataka; and
- (c) whether the Government has any record regarding the number of applications received, approved and the amount distributed for various projects under NBM during each of the last three years and the current year and if so, the details thereof, State-wise including Karnataka?

**ANSWER**

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

- (a) The restructured National Bamboo Mission (NBM) has been launched in 2018-19 with following objectives:
- i) To increase the area under bamboo plantation in non forest Government and private lands to supplement farm income and contribute towards resilience to climate change as well as availability of quality raw material requirement of industries. The bamboo plantations will be promoted predominantly in farmers' fields, homesteads, community lands, arable wastelands, and along irrigation canals, water bodies etc.
  - ii) To improve post-harvest management through establishment of innovative primary processing units near the source of production, primary treatment and seasoning plants, preservation technologies and market infrastructure.
  - iii) To promote product development keeping in view market demand, by assisting R&D, entrepreneurship & business models at micro, small and medium levels and feed bigger industry.
  - iv) To rejuvenate the under developed bamboo industry in India.
  - v) To promote skill development, capacity building, awareness generation from development of bamboo sector from production to market demand.
  - vi) To realign efforts so as to reduce dependency on import of bamboo and bamboo products by way of improved productivity and suitability of domestic raw material for industry, so as to enhance income of the primary producers.

The salient features of the restructured National Bamboo Mission are as follows:

- i) Production of genetically superior planting material of bamboo species with commercial and industrial demand for plantations.
  - ii) Adoption of end to end solution i.e. complete value chain approach starting from bamboo growers to consumers. Focus is given on production and productivity enhancement and good agronomic practices, treatment, processing, product development, and marketing in an integrated manner adopting cluster approach involving inter alia Farmers Producers Organizations and Cooperatives.
  - iii) Mission has been developed as a platform for integration of Ministries/ Departments/ Agencies with implementation responsibilities based on their competency and allocation of business rules, ensuring appropriate synergy and seamless development process.
  - iv) Capacity building of the officials, field functionaries, entrepreneurs and farmers through skill development and trainings is emphasized.
  - v) Focus on Research & Development (R&D) to increase the production and productivity of bamboo by identifying its superior clones, improvement of processing technology, development of new products and tools & machinery, etc.
- (b): Details of bamboo bearing area in recorded forest area of the country including Karnataka (as per India State of Forest Report (ISFR) 2019) is given at Annexure I. Regarding bamboo outside forest (as per India State of Forest Report (ISFR) 2019) in Trees Outside Forests (TOF) areas the total number of culms estimated at National level are 3046 million with an equivalent green weight of 1973 million tons.
- (c): The funds are released based on the approved Annual Action Plan from the States and Bamboo Technical Support Groups (BTSGs). Details of funds released under NBM in last three years and the current year to the States including Karnataka is given at Annexure II. Funds were released in 2016-17 and 2017-18 only for maintenance of plantations raised in previous years.

# Annexure-I

## State-wise details of Bamboo bearing area in Recorded Forest Area

State/ UT	Bamboo bearing area* (in ha)
Andhra Pradesh	700300
Arunachal Pradesh	1498100
Assam	1052500
Bihar	113600
Chhattisgarh	1125500
Goa	41800
Gujarat	339300
Haryana	7200
Himachal Pradesh	65000
Jharkhand	412300
<b>Karnataka</b>	<b>1018100</b>
Kerala	284900
Madhya Pradesh	2086700
Maharashtra	1540800
Manipur	990300
Meghalaya	541000
Mizoram	347600
Nagaland	428400
Orissa	1182700
Punjab	25500
Rajasthan	187400
Sikkim	117600
Tamil Nadu	435700
Telangana	543800
Tripura	378300
Uttar Pradesh	123500
Uttarakhand	148900
West Bengal	85500
A & N Island	181400
<b>Total</b>	<b>16003700</b>

\*Information of bamboo bearing area for Chandigarh, Dadra Nagar Haveli, Delhi, Daman & Diu, Lakshadweep, J&K and Puducherry is not given due to inadequate data

Source: Table 8.3 of India State of Forest Report 2019, Forest Survey of India, Ministry of Environment, Forest & Climate Change, Government of India.

## Annexure-II

Details of funds released to States & BTSGs during last three years and current year under NBM					
S. No.	States	(Rs. in lakh)			
		2016-17*	2017-18*	2018-19	2019-20
1	Andhra Pradesh	0.00	0.00	710.41	0.00
2	Bihar	0.00	0.00	492.00	0.00
3	Chhattisgarh	143.21	47.77	228.00	376.00
4	Gujarat	152.70	0.00	0.00	326.94
5	Himachal Pradesh	24.04	0.00	0.00	300.00
6	Jharkhand	0.00	0.00	320.81	111.26
7	<b>Karnataka</b>	<b>133.88</b>	<b>94.50</b>	<b>1000.00</b>	<b>775.00</b>
8	Kerala	0.00	0.00	580.00	0.00
9	Madhya Pradesh	116.49	44.40	2108.41	1093.00
10	Maharashtra	0.00	0.00	1192.59	1084.00
11	Orissa	102.79	72.00	377.00	100.00
12	Tamil Nadu	22.79	0.00	0.00	90.75
13	Telangana	0.00	0.00	335.00	0.00
14	Uttar Pradesh	0.00	0.00	0.00	278.97
15	Uttarakhand	0.00	0.00	691.00	293.00
	<b>SUB-TOTAL (O.S.)</b>	<b>695.90</b>	<b>258.67</b>	<b>8035.22</b>	<b>4828.92</b>
	<b>NE STATES</b>				
1	Arunachal Pradesh	138.60	75.60	1127.43	450.00
2	Assam	0.00	0.00	500.00	0.00
3	Manipur	194.05	217.06	450.00	487.50
4	Meghalaya	0.00	0.00	290.00	250.00
5	Mizoram	416.58	284.46	1894.50	350.00
6	Nagaland	244.25	216.75	623.83	796.00
7	Sikkim	0.00	0.00	344.45	390.00
8	Tripura	0.00	0.00	1230.00	610.00
	<b>SUB-TOTAL (N.E.)</b>	<b>993.48</b>	<b>793.87</b>	<b>6460.21</b>	<b>3333.50</b>
	<b>Bamboo Technical Support Groups (BTSGs)</b>				
1	Kerala Forest Research Institute (KFRI), Peechi	0.00	0.00	100.00	0.00
2	Indian Council of Forest Research & Education (ICFRE), Dehradun	0.00	0.00	180.00	185.00
3	Cane & Bamboo Technology Center (CBTC), Guwahati	0.00	0.00	183.65	0.00
4	National Horticulture Board (NHB), Gurugram	0.00	0.00	30.00	0.00
	<b>SUB- TOTAL (BTSGs)</b>	<b>0.00</b>	<b>0.00</b>	<b>493.65</b>	<b>185.00</b>
	<b>GRAND TOTAL</b>	<b>1689.38</b>	<b>1052.54</b>	<b>14989.08</b>	<b>8347.42</b>
* Funds were released only for maintenance of plantations which were raised in previous years. No new activities were approved.					

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