

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

LOK SABHA
STARRED QUESTION NO. 288
TO BE ANSWERED ON THE 7TH AUGUST, 2018

RESTRUCTURED NATIONAL BAMBOO MISSION

*288. SHRI ANTO ANTONY:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण
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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;
- (c) if so, the details thereof, State-wise;
- (d) 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
- (e) if so, the details thereof, State-wise?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण ½ãâ"ããè

(SHRI RADHA MOHAN SINGH)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF LOK SABHA STARRED QUESTION NO. 288 DUE FOR REPLY ON 7TH AUGUST, 2018.

(a): The restructured National Bamboo Mission (NBM) has been launched this year under the National Mission for Sustainable Agriculture (NMSA) for addressing the complete value chain and holistic development of bamboo sector. It will establish an effective linkage between producers (farmers) and industry for realizing better economic returns to the growers. The objectives of the Mission are as follows:

- 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.

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 would be emphasized. Focus will not only be given on production and productivity enhancement and good agronomic practices, but also on treatment, processing, product development, and marketing in an integrated manner adopting cluster approach.
- iii) Since end to end solution for development of bamboo sector is envisaged, each stage of the value chain will require relevant expertise and networking for its effective implementation. Accordingly, Mission has been developed as a platform for integration of Ministries/ Departments/ Agencies with implementation responsibilities given 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 will be 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) & (c): Yes. Details of bamboo bearing area in recorded forest area and outside forest area are placed at Annexure I and Annexure II, respectively.

(d) & (e): The details of funds released under the earlier NBM in last three years to the States from which annual action plans were received are given in Annexure III. Funds were released in 2016-17 and 2017-18 only for maintenance of plantations raised in previous years. No new activities were approved. During 2018-19, an outlay of Rs. 300 crore as Central Share has been received.

Annexure-I

Annexure to Lok Sabha Starred Q. No. 288 for answer on 07.08.2018	
State-wise details of Bamboo bearing area in Recorded Forest Area	
State/ UT	Bamboo bearing area* (in ha)
Andhra Pradesh	757800
Arunachal Pradesh	1512500
Assam	895500
Bihar	100400
Chhattisgarh	1106000
Goa	38200
Gujarat	354400
Haryana	2100
Himachal Pradesh	54000
Jharkhand	447000
Karnataka	1044200
Kerala	348400
Madhya Pradesh	1816700
Maharashtra	1592700
Manipur	1068700
Meghalaya	594300
Mizoram	326700
Nagaland	602500
Orissa	1210900
Punjab	4400
Rajasthan	197600
Sikkim	55300
Tamil Nadu	415400
Telangana	477800
Tripura	361700
Uttar Pradesh	93600
Uttarakhand	107800
West Bengal	94200
Dadra & Nagar Haveli	5800
Total	15686600

*Information of bamboo bearing area for A&N Islands, Chandigarh, Delhi, Daman & Diu, Lakshadweep, J&K and Puducherry is not given due to inadequate data

Source: Table 7.3 of India State of Forest Report 2017, Forest Survey of India, Ministry of Environment, Forest & Climate Change, Government of India

Annexure -II**Annexure to Lok Sabha Starred Q No. 288 for answer on 07.08.2018****Zone wise Bamboo Estimation Outside Forest Area (Rural)**

S.No.	Physiographic Zone	Area (in ha)
1	Western Himalayas	32895200
2	Eastern Himalayas	8175200
3	North East	12785700
4	Northern Plains	29590900
5	Eastern Plains	22236500
6	Western Plains	32050700
7	Central Highlands	37128100
8	North Deccan	36571100
9	East Deccan	33382400
10	South Deccan	29131700
11	Western Ghats	7368100
12	Eastern Ghats	19206800
13	West Coast	11361100
14	East Coast	16863400
	Total	328746900

Source: Table 7.7 of India State of Forest Report 2017, Forest Survey of India, Ministry of Environment, Forest & Climate Change, Government of India

Annexure- III

Annexure to Lok Sabha Starred Q No. 288 for answer on 07.08.2018				
Details of State wise funds release during 2015-16 to 2017-18 under National Bamboo Mission				
(Rs. in lakh)				
S.No.	States	2015-16	2016-17*	2017-18*
1	Chhattisgarh	513.00	143.21	47.77
2	Gujarat	476.00	152.70	0.00
3	Himachal Pradesh	116.72	24.04	0.00
4	Karnataka	400.00	133.88	94.50
5	Madhya Pradesh	1029.25	116.49	44.40
6	Maharashtra	175.00	0.00	0.00
7	Orissa	498.00	102.79	72.00
8	Rajasthan	68.42	0.00	0.00
9	Tamil Nadu	35.00	22.79	0.00
10	Telangana	50.00	0.00	0.00
11	Uttar Pradesh	126.55	0.00	0.00
	SUB-TOTAL	3487.94	695.90	258.67
	NE STATES			
12	Arunachal Pradesh	350.00	138.60	75.60
13	Assam	70.00	0.00	0.00
14	Manipur	695.97	194.05	217.06
15	Mizoram	830.21	416.58	284.46
16	Nagaland	872.50	244.25	216.75
17	Sikkim	245.60	0.00	0.00
18	Tripura	124.33	0.00	0.00
	SUB-TOTAL (N.E.)	3188.61	993.48	793.87
	GRAND TOTAL	6676.55	1689.38	1052.54

* Funds were released only for maintenance of plantation raised in previous years
