

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

LOK SABHA
STARRED QUESTION NO. 197
TO BE ANSWERED ON 15TH MARCH, 2022

NATIONAL BAMBOO MISSION

*197. SHRI SAUMITRA KHAN:

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 West Bengal;
- (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
- (d) if so, the details thereof, State-wise including West Bengal?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

- (a) to (d): A Statement is laid on the Table of the House

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF LOK SABHA STARRED QUESTION NO. 197 DUE FOR REPLY ON 15TH MARCH, 2022 REGARDING NATIONAL BAMBOO MISSION.

(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. Promotion of bamboo plantations predominantly in farmers' fields, homesteads, community lands, arable wastelands, and along irrigation canals, water bodies etc are envisaged.
- 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 Research and Development (R&D), entrepreneurship & business models at cooperative, 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 for 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 (NBM) are as follows:

- i. Production of genetically superior planting material of bamboo species with commercial and industrial demand for plantations.
- ii. Increase in area of bamboo plantation in non forest, government and private land including community and cultivable waste land.
- iii. Development of bamboo value chain by establishing primary processing units, treatment plants, value addition units, micro small medium enterprises in government and private sectors.

- iv. Capacity building of officials, field functionaries, entrepreneurs and farmers through skill development and trainings.
- v. Research & Development (R&D) to increase the production and productivity of bamboo, improvement of processing technology, development of new products and improvement of tools & machinery, etc.

(b): As per the India State of Forest Report (ISFR) 2021, the bamboo bearing area in recorded forest area of India including West Bengal is 14.94 Million hectares. The State-wise details are given at **Annexure I**.

Bamboo has been planted in 122212 ha in non-forest lands under the erstwhile National Bamboo Mission which was implemented from 2006 to 2017. Commercially important bamboo species has been planted in 23756 ha in non-forest lands under the restructured National Bamboo Mission being implemented from 2018-19. The State-wise details are given in **Annexure II**.

(c) & (d): Restructured National Bamboo Mission is a Centrally Sponsored Scheme and the details of application received from beneficiaries are not being maintained by this Department. However, the funds are released based on the approved Annual Action Plan received from the concerned States and Bamboo Technical Support Group (BTSGs). The details of funds released under NBM in last three years and the current year to the States & BTSGs is given at **Annexure III**.

The Restructured National Bamboo Mission is not being implemented in West Bengal.

Annexure to the Lok Sabha Starred Question No. 197 due for answer on 15.03.2022.

State-wise details of Bamboo bearing area in Recorded Forest Area (as per India State of Forest Report (ISFR) 2021)

SI . No	State/UT	Bamboo bearing area*(in ha)
1	Andhra Pradesh	610400
2	Arunachal Pradesh	1573900
3	Assam	1065900
4	Bihar	110300
5	Chhattisgarh	1046700
6	Goa	28800
7	Gujarat	354700
8	Haryana	3900
9	Himachal Pradesh	102700
11	Jharkhand	371700
12	Karnataka	862400
13	Kerala	240400
14	Madhya Pradesh	1839400
15	Maharashtra	1352600
16	Manipur	837700
17	Meghalaya	500700
18	Mizoram	456100
19	Nagaland	394700
20	Orissa	1119900
21	Punjab	28000
22	Rajasthan	155500
23	Sikkim	99400
24	Tamil Nadu	400100
25	Telangana	453500
26	Tripura	420100
27	Uttar Pradesh	183200
28	Uttarakhand	120100
29	West Bengal	70200
30	A&N Islands	141300
	Sub Total	14944300

* Information of bamboo bearing area for Chandigarh, Dadar & Nagar Haveli and Daman & Diu, Delhi, Lakshdweep, J&K, Ladakh and Puducherry is not given due to inadequate data.

Source: Table 8.3 of India State of Forest Report 2021, Forest Survey of India, Ministry of Environment Forest& Climate Change, Government of India.

Annexure to the Lok Sabha Starred Question No. 197 due for answer on 15.03.2022.

State-wise details of Area covered under Bamboo Plantation in Non-Forest Area under erstwhile-NBM & Restructured National Bamboo Mission

Area in ha.

S. No	State/UT	Erstwhile- NBM	Restructured National Bamboo Mission
		2006-2017	2018 to 2022
1	Andhra Pradesh	19	-
2	Arunachal Pradesh	23982	600
3	Assam	2800	1185
4	Bihar	1507	48
5	Chhattisgarh	6274	1965
6	Gujarat	4967	897
7	Himachal Pradesh	1228	121
8	J&K	415	-
9	Jharkhand	112	67
10	Karnataka	588	5160
11	Kerala	254	-
12	Madhya Pradesh	4564	6092
13	Maharashtra	2593	100
14	Manipur	31498	1315
15	Meghalaya	917	36
16	Mizoram	18072	770
17	Nagaland	-	474
18	Orissa	4315	459
19	Sikkim	8689	800
20	Tamil Nadu	2838	559
21	Telangana	-	1048
22	Tripura	3167	264
23	Uttar Pradesh	2095	762
24	Uttarakhand	1058	984
25	West Bengal	260	-
26	ICFRE	-	50
	Total	122212	23756

**Annexure to the Lok Sabha Starred Question No. 197 due for answer on 15.03.2022
Details of release made to the States during 2018-19 to 2021-22 (as on 09.03.2022)
under restructured NBM**

(Rs in Lakh)

S. No	States	2018-19	2019-20	2020-21	2021-22	Total
1	Andhra Pradesh	710.41	0.00	0.00	0.00	710.41
2	Bihar	492.00	0.00	0.00	0.00	492.00
3	Chhattisgarh	228.00	376.00	200.00	0.00	804.00
4	Gujarat	0.00	326.94	200.00	137.50	664.44
5	Himachal Pradesh	0.00	300.00	100.00	0.00	400.00
6	J & K	0.00	0.00	0.00	0.00	0.00
7	Jharkhand	320.81	111.26	0.00	0.00	432.07
8	Karnataka	1000.00	775.00	600.00	0.00	2375.00
9	Kerala	580.00	0.00	21.45	0.00	601.45
10	Madhya Pradesh	2108.41	1093.00	525.01	162.50	3888.92
11	Maharashtra	1192.59	1084.00	400.00	0.00	2676.59
12	Orissa	377.00	100.00	395.49	325.00	1197.49
13	Tamil Nadu	0.00	90.75	89.89	175.00	355.64
14	Telangana	335.00	0.00	0.00	0.00	335.00
15	Uttar Pradesh	0.00	278.97	425.24	100.00	804.21
16	Uttarakhand	691.00	293.00	750.00	0.00	1734.00
17	Arunachal Pradesh	1127.43	450.00	350.00	162.50	2089.93
18	Assam	500.00	0.00	400.00	0.00	900.00
19	Manipur	450.00	487.50	487.50	162.50	1587.50
20	Meghalaya	290.00	250.00	100.00	0.00	640.00
21	Mizoram	1894.50	350.00	350.00	0.00	2594.50
22	Nagaland	623.83	796.00	550.18	137.50	2107.51
23	Sikkim	344.45	390.00	365.44	100.00	1199.89
24	Tripura	1230.00	610.00	917.24	212.50	2969.74
	SUB-TOTAL	14495.43	8162.42	7227.44	1675.00	31560.29
	Other institutes					
1	KFRI, Peechi	100.00	0.00	50.00	71.83	221.83
2	ICFRE, Dehradun	180.00	285.00	100.00	100.00	665.00
3	NECBDC, Guwahati	183.65	0.00	84.38	45.30	313.33
4	NHB, Gurugram	30.00	0.00	20.00	0.00	50.00
5	IIFT	7.00	0.00	3.00	0.00	10.00
6	ICFRE-FRI (Bambusetum)	2.05	0.00	0.00	0.00	2.05
7	NITRA	0.00	0.00	20.00	0.00	20.00
8	IWST, Bangalore	0.00	2.00	0.00	0.00	2.00
9	TFRI, Jabalpur, MP	0.00	0.00	6.20	2.28	8.48
10	IPIRTI	5.00	0.00	0.00	0.00	0.00
	Sub Total (O.I.)	507.70	287.00	283.58	219.41	1292.69
	Grand Total	15003.13	8449.42	7511.02	1894.41	32852.98
