

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

LOK SABHA
UNSTARRED QUESTION NO. 753
TO BE ANSWERED ON THE 07TH FEBRUARY, 2023

DEVELOPMENT OF BAMBOO-BASED PRODUCT SERIES

753: SHRI VINDO KUMAR SONKAR:

SHRI RAJA AMARESHWARA NAIK:

DR. JAYANTA KUMAR ROY:

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

- (a) whether the Government is implementing/proposes to implement any scheme/plan for the development of bamboo-based product series;
- (b) if so, the details thereof and the provisions for establishment of small and medium processing units for the entrepreneurs in the country;
- (c) whether the Government proposes to promote any special breed of bamboo under the National Bamboo Mission (NBM) in the country;
- (d) if so, the details thereof including names of breeds selected for the said purpose and the steps taken by the Government in this regard; and
- (e) whether the Government provides/proposes to provide any financial assistance to bamboo growers under the NBM and if so, the details thereof and if not, the reasons therefor?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) & (b): Department of Agriculture & Farmers Welfare, Government of India is Implementing the restructured National Bamboo Mission (NBM) from the year 2018-19. NBM has components to establish product development and processing units for developing the bamboo value chain through connecting bamboo growers to the market (industry). So far, 416 Nos. of bamboo product development units have been established.

The detail of such units is placed at **Annexure-I**. The pattern of assistance under NBM is placed at **Annexure-II**.

(c) & (d): Yes. NBM identified ten (10) commercially important bamboo species for promoting quality bamboo plantation. The list of identified species is placed at **Annexure-III**. Besides, State Bamboo Missions (SBM) may encourage plantation of other indigenous species as per choice of farmers and industrial importance. In order to ensure availability of quality planting material, establishment of Bamboo nurseries is provisioned as component under NBM.

(e): NBM has component of propagation and cultivation under which financial assistance is provided for establishing bamboo nursery and plantation in non-forest Government as well as private farmlands, community lands, arable wastelands and along irrigation canals, water bodies etc.. The pattern of assistance under NBM is placed at **Annexure-II**.

Annexure-I to the Lok Sabha Unstarred Question No. 753 due for answer on 07.02.2023.

Details of the Product Development and Processing units set up since the inception of restructured National Bamboo Mission (NBM) from 2018-19 to 2022-23 (as on 31.01.2023)

C	Product Development and Processing		
S. No	Activity		No. of units set up
1.	Establishment of processing units for value addition of Bamboo (in Nos.)	Setting up of unit for cross cutting, slicing, splitting, knots removing, shaping etc.	81
2.	Management of Bamboo waste in primary processing units (in Nos.)	For making of value added products like pellets & activated carbon.	37
3.	Establishment of Micro/Medium processing units (in Nos.)	a)Handicrafts/Cottage industry	86
		b) Furniture making	46
		c) Jewellery making	12
		d) Bamboo shoots processing	24
		e) Incense stick making	94
		f) Fabric/Fibre extraction	03
		g) Common facility centre (CFC)	24
		h) Bamboo board /mat/corrugated sheets /floor tiles making	5
		i) Bio Energy extraction	3
		j) Activated Carbon product	1
		k) Ethanol Gassifier	0
Total			416

Annexure-II to the Lok Sabha Unstarred Question No. 753 due for answer on 07.02.2023

Pattern of assistances under NBM

Sl	Activities		Indicative unit cost (upper limit) (Rs in lakh)	Pattern of assistance
A	Propagation & Cultivation			
1.	Bamboo Nursery both in public and by private sectors including strengthen (project based)	i) Hi-tech (2 ha) ii) Big (1 ha) iii) Small (0.5 ha)	50 16 10	100% of cost to Govt. sector and 50% of cost to private sector as credit linked back ended subsidy
2	High density Bamboo plantation on Govt./ Panchayat/ Community land including waste lands		Rs 1.00 lakh per ha over a period of 3 years	100% of cost to Govt. sector and 50% of the cost upto 2 ha (~ <3000 plants), 20% of the cost for 2 - 4 ha (up to 10000 plants) over 3 years (50:30:20). Additional 10% assistance for NE States. For plantation above 4 ha no subsidy will be provided. Maintenance funds will be linked to performance (survival % as per para 10.2.4)
3	Block plantation/ boundary plantation on farmers field		Rs.1.00 lakh per ha (equivalent to Rs 240 per plant)	100% of cost to Govt. and 50% of the cost of Private Sector over 3 years (50:30:20) Maintenance funds will be linked to performance (survival % as per para 10.2.4)
C	Product Development and Processing			
1.	Establishment of processing units for value addition of Bamboo (in Nos.)	Setting up of unit for cross cutting, slicing, splitting, knots removing, shaping etc	30 (PB)	50% of cost (additional 10% for NE states)

2.	Management of Bamboo waste in primary processing units	For making of value added products like pellets & activated carbon.	25(PB)	-do-
3	Establishment of Micro/Medium processing units (in Nos.)	Handicrafts/Cottage industry	15 (PB)	- do -
		Furniture making	25 (PB)	- do -
		Fabric/Jewellery making	15 (PB)	- do -
		Bamboo shoots processing	20 (PB)	- do -
		Incense stick making	25 (PB)	- do -
		Fabric/Fibre extraction	50 (PB)	- do -
		Common facility centre (CFC)	25 (PB)	-do-
		Bamboo board /mat/corrugated sheets /floor tiles making	200 (PB)	30% of cost as credit linked back ended subsidy. Additional 10% for NE States.
		Bio Energy extraction	200 (PB)	- do -
		Activated Carbon product	200 (PB)	-do-
		Ethanol Gassifier	500 (PB)	30% of cost as credit linked back ended subsidy. Additional 10% for NE States.

Annexure-III to the Lok Sabha Unstarred Question No. 753 due for answer on 07.02.2023

List of Commercially Important Bamboo Species identified under the National Bamboo Mission:

- (1) *Bambusa tulda*
- (2) *Bambusa bambos*
- (3) *Bambusa balcooa*
- (4) *Bambusa cacharensis*
- (5) *Bambusa polymorpha*
- (6) *Bambusa nutans*
- (7) *Dendrocalamus asper*
- (8) *Dendrocalamus hamiltonii*
- (9) *Thyrsostachys oliveri*
- (10) *Melocanna baccifera*
