



KSCSTE-Kerala Forest Research Institute

(An Institution under Kerala State Council for Science, Technology and Environment)

Peechi - 680 653, Thrissur, Kerala, India



Dr. Syam Viswanath
Director

BTSG/Corr/Teleg/ 1

January 7, 2019

To,

Shri. L. Venkataram Reddy
Director of Horticulture and Mission Director
State Bamboo Mission and Bamboo Development Agency
Public Gardens, Hyderabad - 500004, Telangana
Email: tsbmission@gmail.com
Ph: 040-23232253, Mob: 08374449091

Sir,

Sub: Identification of suitable Bamboo Species for Telengana
Ref: Your letter No. SBM/4/2018, dated 20.12.2018

With reference to the cited letter requesting that suggestions on the suitable bamboo species for Telengana be provided, please find attached a write up giving the required information.

I would like to take this opportunity to apprise you of the interest of the Bamboo Technical Support Group which represents the expertise of KFRI in diverse area of bamboo from cultivation to utilization, to offer technical support and training for implementing various schemes of the National Bamboo Mission.

One of our major activities in the past years has been to conduct training for field functionaries of State Bamboo Missions particularly of the southern States. This includes a training of about a week in theory and practical aspects and includes field visits and is conducted as per the guidelines of NBM. I urge you to consider sending a batch of officials to KFRI for the training, which can be arranged on mutually agreed upon dates.

Kindly peruse the attached write-up and, if required, interact with us further on aspects that need any clarification.

Regards

Yours faithfully,

Syām Viswanath

Director

KSCSTE - Kerala Forest Research Institute
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Bamboo species suggested for the different agroclimatic zones of Telengana

Selected species of bamboo from the list of the priority species of the National Bamboo Mission is recommended for the state considering the suitability for cultivation in forest and non-forest areas including farmers fields and agroforestry systems and also the possible uses.

To ensure survival and establishment of planted bamboo for the first two years proper irrigation may be provided during summer months. Bamboo responds well to irrigation and manuring. Planting may be done at the beginning of the rainy season.

For Semi arid areas (Mostly in Southern Telengana Zone)

Medium to large sized:

Bambusa bambos (In wildlife corridors where it occurs naturally and for biofencing for larger plots; Uses in construction, pulp and engineered bamboo)

Dendrocalamus strictus (2 ecotypes suitable for the arid and moist areas each, used in construction and furniture)

B. nutans (Medium sized with mostly solid culms suitable for construction and engineered bamboo products)

B. vulgaris (green) (Medium sized with mostly solid culms suitable for construction and engineered bamboo products)

Small to medium sized:

D. stocksii (for agroforestry systems and plantations particularly in red soils, suitable for construction and furniture)

Pseudoxytenanthera ritcheyi (furniture, agricultural props and stakes)

B. tulda (For the agarbatti industry)

Cephalostachyum pergracile (Baskets and mats)

For cultivation in humid areas with good soil moisture/ under irrigation (Northern and Central Telengana Zones) and in agroforestry systems

Medium sized:

B. balcooa (Bioenergy, construction) (suggested for high density plantations with high inputs)

B. nutans (construction, engineered bamboo)

B. vulgaris (green)

B. tulda (For construction, agarbatti industry)

Large sized:

D. asper (edible shoots, construction)

D. brandisii (edible shoots, construction, engineered bamboo)

Guadua angustifolia (construction)

Small to Medium sized:

D. stocksii (Poles for construction, furniture)

Pseudoxytenanthera monadelphica (baskets and mats)

Schizhostachyum dulloa (Baskets, mats)

Thyrsostachys oliveri (Construction and Furniture)


Director