

RKVY-Capacity building of Konkan Farmers for Commercial Cultivation of Manga Bamboo (*Dendrocalamus stocksii*)

Implementing agency: College of Forestry,

Dr. B. S. Konkan Krishi Vidyapeeth, Dapoli,
Ratnagiri (Dist.) Maharashtra.

Duration : 2 years (2015-17)

Budget : Rs. 53.00 lakhs

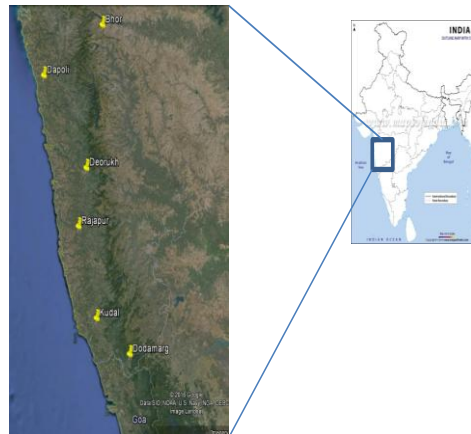


Impact of one year:

- 22000 saplings are available to the farmers for cultivation.
- The farmers planting this material will get an assured income of Rs. 600 to 1000 per clump.
- The annual income of the nursery farmer was 3 to 4 lack rupees.
- A confidence was created among farming community to plant culm cutting saplings through training and demonstration plantation.
- The project is bound to have a significant impact on the economy of konkan.

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Shri. V. M. Mhaiske Dr. S. R. Torne

Manga bamboo (*Dendrocalamus stocksii*) is an extremely manageable bamboo species with great economic importance finding large scale utilization in scaffolding, crafts, construction, basket making, furniture, poles, stakes (tomato and fruit orchards) agricultural tools and structures. It is one amongst the top 20 commercially important bamboo species in India recommended by National Bamboo Mission. It is the most preferred species for cultivation by farmers for cultivation and is the only domesticated bamboo species that is not found in the wild forests. This species is predominantly cultivated in Sindhudurg district and has scattered presence along Ratnagiri, Kolhapur, Satara, Raighad and Bhore regions of Maharashtra. A recent study reported that a farmer earns an amount of Rs. 50/- to 60/- from each stick (10 to 15 sticks are harvested from each clump) and hence there is huge demand for planting material.



Problem:

The manga bamboo does not produce viable seeds and offset is the traditional method of propagation. The cost of an offset is Rs. 100 to 150 and that too is not easily available. Farmers were willing to cultivate but the want of planting material prevented them.

Solution:

The university recommended culm cutting technique in manga bamboo for mass scale plantation. The cost of planting material was Rs. 40/- per sapling.

This propagation technique requires young bamboo stick and with the available mother stock in the university it is possible to annual produce 6000 to 8000 saplings. The annual demand for this material is 50,000

Activities under project:

- Six manga bamboo nurseries were established in farmers field with an annual production capacity of 5000 – 7000 saplings.
- 135 farmers trained to commercially cultivate the manga.
- Five mother orchards (100 offsets each) were established.
- Two demonstration plots were established.

S. No	Location of Nursery	Name of Beneficiary	Information about the beneficiary
1	Konal, Dodamarg, Sindhudurg	Shri. Jayvant Atlekar	Director of a Ramghat Farmer Producer Company Limited and are providing services to the farmers on Manga bamboo.
2	Pinguli, Kudal, Dodamarg	Shri. Milind Patil	Young Forestry Graduate with a plan to undertake entrepreneurship in Manga bamboo
3	Lanja, Ratnagiri	Sou. Vandana Pansambale	Women professional has plan to cultivate and distribute manga bamboo
4	Kasarkolvan, Deorukh, Ratnagiri	Shri. Mahendra Karambale	Young farmer and has a small nursery on Manga bamboo in his farm.
5	Pale, Bhore, Pune	Shri. Deepak Hosing	A bamboo nurseryman.
6	College of Forestry, Dapoli	Associate Dean, College of Forestry, Dapoli	Government Bamboo Nursery