

PROJECT PROFILE

Project Title: Studies on Macro Propagation of Bamboo Species
(IFGTB/RP/111)

Principal Investigator: Shri. K. S. Venkataramanan, Scientist C

Start and Completion dates: 2010-2012

Funding Agency: Indian Council of Forestry Research and Education
(ICFRE)

Total Budget: Rs. 3.34 Lakhs

Summary

Macro propagation studies were carried out in the species of *B. bambos* and *B. balcooa*. Different types of cuttings including leafy cuttings, young culm shoots cuttings and thin branch cuttings (6 to 7 mm diameter) of single node, double node and triple node were evaluated for improved rooting. A new rooting technique using triple node thin branch cuttings was developed for *B. bambos*. This method involves collection of 4 to 5 triple node cuttings (less than pencil thickness) from primary branches thereby causing minimal damage to the selected clumps. The technique also reduces the cost of propagation from Rs.10.00 - 12.00 / plant to Rs.6.00 to 7/ plant..