

PROJECT PROFILE

Title : Developing yield tables for short rotation tree crops in Kerala

Principle Investigator : Dr. C. Buvaneswaran, Scientist-E

Co Investigators : 1. Dr. A. Vijayaraghavan, Scientist-D, Co-PI
2. Sh. R. Velumani, TA, Project Associate

Duration : From October 2011 to March 2014

Objectives:

- To develop prediction models to estimate volume productivity of fast growing short rotation tree crops in Kerala.
- To construct volume tables including harvestable lesser diameter classes of fast growing short rotation tree crops in Kerala.

Funding Agency : Kerala Forest Development Corporation

SUMMARY

The project entitled 'DEVELOPING YIELD TABLE FOR SHORT ROTATION TREE CROPS IN KERALA' was conceived in the context of developing regional volume prediction models for the short rotation crops of Kerala and as a stakeholder's demand driven project. The project also aimed to construct volume table for five fast growing tree species of Kerala as a ready-reckoner even for estimating volume of trees of smaller diameter classes, as earlier available volume table can be used for tree measuring girth above 75 cm. These two main objectives have been accomplished in the project. Finally, regional best-fit models and volume tables for the five targetd species viz. *Acacia auriculiformis*, *A. mangium*, *Albizia falcataria*, *Eucalyptus pellita*, *E. grandis* have successfully been developed under this project for further use by the officials and field staff of Kerala Forest Development Corporation Ltd, Government of Kerala.