

### Project Profile

Project Code:	IFGTB/RP 55/ 2008-2014
Project Title:	Progeny Testing of Selected Clones for establishment of Clonal and Seedling Seed Orchards in Eucalyptus
Principal investigators	Dr. V. Sivakumar, Scientist-G
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Funding Agency	ICFRE
Date of commencement of the project:	01-04-2008
Date of completion of the project:	31-03-2014
Budget Outlay	Rs. 3414000

### Objectives:

1. To test the open pollinated progenies of selected clones of Eucalyptus for growth vigour
2. To optimize the number of clones that are to be planted in a Clonal Seed Orchard for maintaining genetic diversity
3. To assess the genetic gain that can be realized through Clonal Seed Orchard

### Summary:

Progeny trials for selected clones of Eucalyptus camaldulensis were conducted in Chennai, Pulvayal, Karaikudi, Thiyaadurgam, Marakkanam, Coimbatore, Hyderabad and Nellore during 2009 and 2010. Four years growth assessment showed that families, 24, 32, 113, 21, 121, 118, 30 and 18 showed superiority based on the individual trial analysis and families 42, 64, 98, 114, 88, 58, 69, 77, 81 and 124 showed superiority based on combined trial analysis.