

|                        |   |  |
|------------------------|---|--|
| Title                  | : | AICRP-3: Conservation, Improvement, Management and Promotion of Sandalwood ( <i>Santalum album Linn.</i> ) cultivation in India<br><br>Component: Development of sandalwood based agroforestry system and its promotion in selected agroclimatic zones of India  |
| Principal Investigator | : | Dr. C. Buvaneshwaran   |
| Co-Investigator        | : | Nil  |
| Duration               | : | 5 Years  |
| Objectives             | : | <ol style="list-style-type: none"> <li>1. To assess growth and productivity of progenies of selected phenotypes of sandal under agroforestry systems</li> <li>2. To study tree-crop interactions under sandal based agroforestry systems in different agroclimatic zones of Tamil Nadu.</li> </ol>   |
| Progress               |   | <p>Under AICRP-3 on Sandal, development of suitable agroforestry and silvi-horticultural models is envisaged to encourage farmers to take up sandalwood cultivation and integrate sandalwood based cultivation practices in existing agroforestry systems. The two main objectives under this component are i) to assess growth and productivity of progenies of selected phenotypes of sandal under agroforestry systems and ii) to study tree-crop interactions under sandal-based agroforestry systems in different agro-climatic zones of Tamil Nadu.</p> <p>With regard to the progress made under this component is that Sandal seeds from Kerala Forest Research Institute (KFRI) has been procured. Initiated germination of sandal seeds with pre-sowing treatment of GA3 soaking. Parallely, direct sowing of the seeds in the polybags along with host plants. Also, identified farm lands for establishment of field trials. Recording on observation on growth of sandal seedlings at nursery stage with two host plants and two methods – direct sowing of seeds in polybags and transplanting sandal seedlings from mother bad to polybags. During 2021-22, Continued planting stock production using four windbreak clones of IFGTB as host plant.</p> |
| Funding Agency         |   | CAMPA, MOEFCC, GOI, MoEFCC, GoI  |