

INFRASTRUCTURES DEVELOPED FOR SCALING UP CLONAL PRODUCTION

New infrastructure facilities such as Mother Bed Chambers, Renovated Mist chamber, RO water treatment plant, cutting preparatory room were inaugurated in Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore by Dr. N. Krishna Kumar, Director, IFGTB for scaling up clonal production of superior germplasms. The new established Mother Bed chamber has UV-stabilized polysheets on the top with misting and micro-fertigation facility over fiber tubs filled with sand. This chamber will facilitate in enhancing shoot production nearly 4-5 times more compared to open Vegetative Multiplication Garden (VMG) and also drastically cut down the land area requirement for VMG.

Through these facilities, IFGTB will not only provide superior planting materials for the on-going research programme but also supply superior planting stocks to farmers and industries to augment the Direct to Consumer efforts of ICFRE.

IFGTB has further addressed all the pulp and paper industries and forest development corporations in Tamil Nadu, Kerala, Karnataka and Andhra Pradesh for order to produce and supply high quality clones of Casuarina, Eucalyptus, Melia, Ailanthus, Gmelina etc. using these new facilities in IFGTB.



Inauguration of new facilities by Dr. N. Krishna Kumar, Director, IFGTB



Planting of superior germplasm of *Calophyllum* on Mother bed



Overview of Mother Bed Chamber



Renovated Mist chamber



Reverse Osmosis Water Treatment Plant