



TRAINING REPORT ON **PEST & DISEASES MANAGEMENT AND BIO-FERTILIZERS**

24th July, 2024

ICFRE - Institute of Forest Genetics & Tree Breeding, Coimbatore imparted one day training on “**Pest & Diseases Management and Bio-Fertilizers**” to the Officials of Tamil Nadu Forest Department on 24th July, 2024 under VVK, Coimbatore and AICRP-21. The training was imparted to 30 forest officials’ viz., Forest Range Officers, Foresters & Forest Guards of Coimbatore Forest Division. The training was designed to share the knowledge and technologies for the management of insect pest for the serving officials of Tamil Nadu Forest Department, currently involved in production of seedlings and establishment of Agro forestry models in TBGP Scheme.

Shri G. R. Madhavaraj, IFS, DCF, ICFRE-IFGTB welcomed the gathering. Dr. A. Karthikeyan, Scientist G, ICFRE-IFGTB gave overview of the training module – objectives and expected outcomes. Dr. C. Kunhikannan, Director, ICFRE-IFGTB, during his inaugural address highlighted the technologies of ICFRE-IFGTB in plantation particularly in bringing out various bio-fertilizer and bio-control products for tree farming community and the focus areas wherein ICFRE-IFGTB and TNFD can work together. He also mentioned about the capacity building and technology development programs of the institute. He stressed the need of quality planting stock production for various afforestation programs by the government and wished that bio-fertilizers would play a major role in bringing out quality seedlings from the nurseries. The inaugural session ended with vote of thanks by Dr. K. N. Ashrith, Scientist- C, ICFRE-IFGTB.

A training manual was released on Pest and disease management and bio-fertilizers. This manual has been designed in a user-friendly fashion and could be put to use in

field conditions. The photographs would help in tentatively identifying the cause of the problem and thereby application of management practices accordingly.

The training program included technical inputs on **Disease Management in Nursery and plantations** by Dr. A. Karthikeyan, Scientist-G; where-in he highlighted the causes of common pathological and entomological problems based on the sign and symptoms of various species in nurseries, plantation and agroforestry trees and their management strategies.

Insect and Pest Management in commercially important Tree species by Dr. K. N. Ashrith, Scientist -C; where-in he focused on the need of biological control of insect pests in forestry sector, as pesticides have a devastating impact on the non-target and beneficial insect fauna.

Role of Biofertilizers in forestry by Dr. A. Karthikeyan, Scientist-G presented the significant research achievements at IFGTB in the field of biofertilizers and bio-control agents' . Also explained in detail about different kind of bio-fertilizers, their importance, and methods of production. Participants were taken to VAM Production Unit and hands on training on VAM production was also given to the participants.

The program concluded with the feedback and valedictory session. Dr. A. Karthikeyan, Scientist-G delivered his impressions on the training program. Dr. C. Kunhikannan, Director, ICFRE-IFGTB, during his valedictory address highlighted the role of forest officials in society and pointed out that use of organic manures and bio fertilizers in forestry will not only improve the production but also help in environmental protection. Participants were given certificates & also VAM Bio-fertilizer packet. Also distributed ICFRE-IFGTB publications related to Forest Entomology to the participants. Dr. K.N.Ashrith, Scientist- C, presented the vote of thanks to the sponsors of the training programme, participants and resource persons of the training.

**Director
ICFRE-IFGTB**



Release of Training manual



Introduction of the participants



Director, ICFRE-IFGTB during his inaugural address



Participants to the VAM Production Unit



Certificate distribution with VAM Bio fertilizer