

**TRAINING CUM DEMONSTRATION ON “BIO-FERTILIZER
PRODUCTION AND APPLICATION IN NURSERY AND FIELD”
CONDUCTED UNDER HILL AREA DEVELOPMENT
PROGRAMME, GOVT. OF TAMIL NADU**

Venue: Council Meeting Hall, Panchayat Union Office, Gudalur,
Nilgiris District, Tamil Nadu

Date: 04-09-2015

Training co-ordinator: Dr. V. Mohan, Scientist-F,
Forest Protection Division, IFGTB, Coimbatore

Funding Agency: Hill Area Development Programme (HADP),
Govt. of Tamil Nadu, Ootacamund.

Bio-fertilizers are ready-to-use carrier based formulations of beneficial microorganisms which are applied to seed, root or soil. They mobilize the essential nutrients by their biological activity, and help to build up the micro-flora and in turn improve the soil health. Major focus should be on the production of efficient and sustainable bio-fertilizers for crop plants wherein, inorganic fertilizer application can be reduced significantly to avoid further pollution.

The Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore, has identified different beneficial microbes from various “Shola” forests in the Nilgiri Hills, Tamil Nadu funded by the Hill Area Development Programme (HADP), Govt. of Tamil Nadu. These beneficial microbes were mass produced and applied to various “Shola” tree species and found enhanced growth and biomass in nursery. To utilize these beneficial microbes particularly, the Arbuscular Mycorrhizal (AM) fungi as bio-fertilizers for application to different agricultural, horticultural and forestry crops for enhanced productivity.

To achieve this target, IFGTB has taken up a Programme on Training cum Demonstration on “Bio-fertilizer Production and Application Methods in Nursery and Field” to different stake holders like SFD Officials, Farmers, College Teachers & Students, Tree Growers and NGOs of Nilgiris District. The training was conducted on 04-09-2015 in Council Meeting Hall, Panchayat Union Office, Gudalur, Nilgiris District,

Tamil Nadu which is the third one conducted by IFGTB under the HADP programme.

A total of 150 participants like SFD officials, Farmers, Tree Growers, NGOs, College Teachers and Students attended the training. A training manual in Tamil was also supplied to all the participants. Dr.V.Mohan, Scientist –F and Training Co-ordinator, IFGTB, Coimbatore welcomed the gathering and gave an overview of the training programme. The Chief Guest, Shri. Srinivas R. Reddy, I.F.S., Chief Conservator of Forests, Field Director, Mudhumalai Tiger Reserve and Project Director, HADP, Udthagamandalam inaugurated the training programme and he highlighted the importance of Bio-fertilizers application in agriculture, horticulture and forestry practices in Nilgiri district. He also added that organic produced vegetables, fruits and food grains are very much used by people which are readily available in the market. He informed that HADP funded a project to conduct this training to various stake holders of Nilgiri district and it will provide a good opportunity to the people of Nilgiris district to know much about different kinds of bio-fertilizers and their application methods in nurseries and field. He advised the participants to interact with the training coordinator to clarify all their doubts during lecture and demonstration sessions.

Dr. V. Mohan, Training Co-ordinator explained in detail about different kinds of bio-fertilizers, their importance, methods of production, maintenance and application methods in nursery and field for better crop yield. Hands on training on production and application of bio-fertilizers were also imparted to the participants during the training. The Chief Guest distributed the Certificates and Bio-fertilizer packets to all the participants. The training was concluded with vote of thanks by Dr. V. Mohan, Training Co-ordinator, IFGTB, Coimbatore.



Welcome address by Dr.V.Mohan, Scientist-F and Training Co-ordinator, IFGTB Coimbatore



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Participants (SFD Officials, Farmers, Tree Growers and College Teachers & Students) attended the training at Council Hall, Panchayat Union Office, Gudalur



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Inaugural address by Shri. Srinivas R. Reddy, I.F.S., CCF., Field Director, MTR and Project Director, HADP, Ootacamund, Nilgiri Hills



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Lecture about Bio-fertilizers and its application methods by Dr.V.Mohan, Scientist-F & Training Co-ordinator, IFGTB, Coimbatore



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Lecture and Interaction about Bio-fertilizers and its application methods by Dr.V.Mohan, Scientist-F & Training Co-ordinator, IFGTB, Coimbatore



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Demonstration about Bio-fertilizer Production and Application



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**Hands on training about bio-fertilizer production to SFD officials,
Farmers, College Students and Tree growers**



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Distribution of Certificate and Bio-fertilizer packet by the Chief Guest Shri. Srinivas R. Reddy, I.F.S., CCF., Field Director, MTR and Project Director, HADP, Ootacamund, Nilgiri Hills



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AM fungal Bio-Fertilizers developed by IFGTB and supplied to Forest officials, Farmers and other stake holders of Nilgiris District



VAM bio-fertilizer product distributed to all the participants



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**Vote of Thanks by Dr.V.Mohan, Scientist-F and Training Co-ordinator,
IFGTB, Coimbatore**



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