

**A Report on the Training Programmes (02 Nos) on “Biological Control of Sal Borer and Teak Skeletonizer/Defoliator insects” Conducted for the Frontline Staff of Two Forest Divisions (Katghora & Korba), State Forest Department Chhattisgarh on 13 & 15 December, 2020.**

Tropical Forest Research Institute, Jabalpur (M.P.) conducted three training programmes on “Biological Control of Sal Borer and Teak Skeletonizer/Defoliator insects” funded by the CAMPA, Chhattisgarh for the Frontline Staff of two forest Divisions (Katghora and Korba) Chhattisgarh State Forest Department on 13 & 15 December, 2020. The trainings were attended by 25 participants of each of the two forest division of SFD Chhattisgarh state.

**Date – 13<sup>th</sup> December, 2020**

**Training venue – Morga Field, Kendai (C.G.)**

The first training was conducted at Kendai Range of Katghora Division, Bilaspur Circle on the directions of Smt. Shama Farooqui IFS DFO, Forest Division, Katghora. Dr. Pawan Kumar, Scientist-E and Coordinator of the training at the outset welcomed the Participants. During introductory talk, Sh. D.D. Khande apprised the participants that Sal heartwood borer and Teak skeletonizer/defoliator insects are the very harmful insects and are big problem to these timber species, so the training on Biological management of Sal heartwood borer and Teak skeletonizer/defoliator insects will be very useful for forest staff as the technique developed by TFRI, Jabalpur is eco-friendly. He further expressed that the field functionaries involved in various forestry schemes of public interest in the field and plays an important role in successful implementation of biological control of wide range of insect pests and such training program provide enhanced knowledge and specialized skill sets for an efficient human management role in this regard. Thereafter Dr. Pawan Kumar, Scientist briefed the participants about the technical sessions to be conducted under the training programme. The technical session started of Dr. Pawan Kumar, Scientist/Training Coordinator. During his talk he emphasized on the various issue related to insect pest attack of forest tree especially the damage induced by defoliator/Skeletonizer on Teak plants and by sal heartwood borer on Sal trees. Various biological control like TFRI-Trichocard and predatory bug (*Canthecona furcellata*) and tree trap methods were elaborated in detail in vernacular language which was easily understand by the participants. Mr. R. K. Malviyai, S.T.O. and Mr. H. D. B. Anthony, S.T.O. demonstrated the Tree-Trap method for biological control of Sal heartwood borer and also demonstrated the Trichocard preparation and rearing methodology. Dr. Pawan Kumar, training coordinator also informed the interested participants to may visit the Forest Protection Lab of TFRI, Jabalpur for gaining more practical experience. The training ended the interactive discussion and vote of thanks.

## GLIMPSES OF THE TRAINING





**Date – 15<sup>th</sup> December, 2020**

**Training venue – Pasarkhet Field & Kartala Nursery, Korba (C.G.)**

The second training was conducted at Pasarkhet Field & Kartala Nursery, Korba Division, Bilaspur Circle. Dr. Pawan Kumar, Scientist- E and Coordinator of the training at the outset welcomed the D.F.O. Sh. N. Gurunathan IFS, Sh. Ashish Khelwar S.D.O., Korba (C.G.), trainee and participants. During his inaugural address, Sh. N. Gurunathan IFS stressed that the training on Biological management of Sal heartwood borer and Teak skeletonizer / defoliator insects will be very useful for forest staff as the technology developed by the institute involves biological material thus safe to the environment and is user friendly also. He emphasized the need of transfer of technology developed by research organizations like TFRI, Jabalpur to the field functionaries is very important and such trainings will help the field staff to understand the various insect pests management issue with practical updates which is a important step for filed implimentation. Thereafter Dr. Pawan Kumar, Scientist briefed the participants about the technical sessions to be conducted under the training programme. The technical session started with the talk of Dr. Pawan Kumar, Scientist/ Training Coordinator. During his talk various issue related to insect pest attack of forest tree especially the damage induced by defoliator/Skeletonizer on Teak plants and by Sal heartwood borer on Sal trees. Various biological control like Trichocard and predatory bug (*Canthecona furcellata*) and tree trap methods were elaborated in detail in vernacular language which was easily understand by the participants. Mr. R.K. Malviya, S.T.O. and Mr. H.D.B. Anthony, S. T.O. demonstrated the Tree- Trap method for biological control of Sal heartwood borer. They also demonstrated the Trichocard preparation and rearing methodology. Dr. Pawan Kumar, Training coordinator also expressed the interested participants may visit the Forest Protection lab of TFRI, Jabalpur for gaining more practical experience. The training ended the interactive discussion and vote of thanks.

## SOME GLIMPSES OF THE TRAINING



