

TRAINING
on
Advances in Agroforestry
[29th to 31st October, 2018]

Nowadays agroforestry is becoming an integral part of farmland to enhance productivity of farmland and livelihood improvement of farmers and other communities living in rural areas. As we know that viable and sustainable agroforestry practices require modernized agroforestry models for their proper adoption by farmers. Different models in the field of agroforestry have been developed by the Forest Research Institute, Dehradun and a scientific knowledge on these models has been disseminated to farmers, frontline staff of State Forest Departments and other stakeholders.

As a part of extension activities, a training programme of 3 days duration on "Advances in Agroforestry" was conducted by Extension Division, Forest Research Institute, Dehradun from 29th to 31st October, 2018 at Van Vigyan Kendra, Forest Campus, Pinjore (Haryana). In the above training, farmers, Self Help Groups associated with Women Empowerment programme and frontline staff of Haryana Forest Department participated.

The training was inaugurated by Shri Kulvinder Singh, Divisional Forest Officer (Training), Pinjore. In his inaugural address he quoted that the training is an opportunity for Forest Staff as well as for farmers and women associated with Women empowerment programme. He said that scientific knowledge to be given by scientists and other subject experts from FRI, Dehradun will certainly be helpful in acceleration of activities in the field of agroforestry and increasing the tree cover locally which will contribute in achieving required target of tree cover. He also pointed out need for fast growing agroforestry species and asserted that participants will certainly gain a fruitful knowledge from subject experts during interactive talks in technical session of the training. Dr. A.K. Pandey, Head, Extension Division, FRI, Dehradun, in his welcome address welcomed participants and said

agroforestry is the only way to enhance productivity of per unit of land besides achieving the goal of greening one third area under tree cover. He told that the whole world is affected by problem of Global warming and climate change and its mitigation is a dire need of today in which agroforestry can contribute significantly. He also said that the land is going to be degraded day by day and due to this problem productivity is gradually decreasing and one day this problem will emerge as a terrific disaster in the world. He said that plantation of trees wherever space is available is only a solution to keep away these natural disasters. He informed that FRI, Dehradun has complete package of scientific knowledge pertaining to agroforestry and the team will disseminate knowledge to participants in their lectures. He said that more and more interaction between subject experts and participants will provide maximum benefit to the participants. The anchoring of the inaugural programme was done by Dr. Charan Singh, Scientist-E. Members of team from FRI, Dehradun including Shri Rambir Singh, Scientist-D and Shri Ajay Gulati, Sr. Technical Officer managed different activities during inaugural session of the training. Shri Yashpal Singh, Divisional Forest Officer and Smt. Anita, Forest Range Officer (Training), Pinjore were also present in the inaugural programme.

During technical session, interactive talks were made on following topics:

- Agroforestry – An introduction
- Suitable soil for agroforestry
- Agroforestry with special reference to medicinal and aromatic plants
- Nursery and plantation techniques of agroforestry species like *Melia dubia*, *Populus deltoids*, *Eucalyptus* and fodder trees like *Grevia optiva* and *Bauhinia variegata*.
- Harvesting techniques of trees on farmland.
- Suitable agroforestry models for Haryana

- Insect pests of agroforestry species and their management
- Diseases of Agroforestry species and their management
- Marketing of agroforestry produces

A local visit at farmer's field and Herbal garden, Mallah near Pinjore was arranged where participants came to know about different agroforestry practices which can be adopted in the area. The participants were also provided knowledge on medicinal and aromatic plants present in the herbal garden suitable for agroforestry

The training was completed successfully on 31st October, 2018. After completion of training views and feedbacks were taken from participants to evaluate the efficiency and effectiveness of the training. Certificates were distributed to all participants. 35 participants including members of women empowerment programme, farmers and frontline staff of Forest Division, Pinjore participated in the training. Shri Yashpal Singh, DFO and Smt. Anita, Forest Range Officer (Training) contributed a lot in for smooth conduction of above training programme.

Dr. Charan Singh, Scientist-E, Shri Rambir Singh, Scientist-D, Shri Ajay Gulati, Sr. Technical Officer coordinated the training programme under the able guidance of Dr. A. K. Pandey, Head, Extension Division, FRI, Dehradun. Participants appreciated the training programme and felt need for such type of more training programmes. They also appreciated the hospitality given by the team of Extension Division, FRI, Dehradun.

Glimpses of the training



Welcome of Chief Guest



Dr. A. K. Pandey, Head Extension Division delivering a talk



Shri Kulvinder Singh, DFO Training discussing with the participants



Discussion between subject experts and trainees



Field Visit of trainees



Field visit and interaction with subject experts



Trainees visiting Herbal Garden at Mallah near Pinjore



Trainee getting certificate



Trainee getting certificate



Group photograph