

Field Research Station, Bir-Plassi, Nalagarh, Solan

The Field Research Station, Bir- Plasi situated at 306 m elevation (76 36' 24" E Lat 31 02' 21"N) was established during 1998 under World Bank Aided FREE Project.

The Station, Birplasi has got the germplasm of *Dalbergia sissoo* in the form of Seedling Seed Orchard (25 Clones), Clonal seed Orchard (28 clones) and Vegetative Multiplication Garden (101 clones) established during 1998-2000. The evaluation and selection of these clones for genetic variability, stress and insect resistance have been studied. The station has provided 50,000 quality planting stock of Shisham and Kachnar to the State Forest Department of Himachal Pradesh during the last four years.

Also the quality planting stock of *Jatropha curcas* L. were raised in the nursery under DBT funded project on suitability of *Jatropha curcas* L. seed sources in lower and mid Himalayan regions of Himachal Pradesh during 2005-2011 and under another DBT funded project on field evaluation of superior accessions of *Jatropha curcas* L. under micro-mission programme in Himachal Pradesh during 2008-2013, the field trials were established from quality planting stock raised in the nursery.



At this Field Research Station, presently activities related to the following projects are being implemented:

- Determination of nursery requirements and initial planting performance of *Diploknema butyracea* (Roxb.) H. J. Lam and *Myrica esculenta* Buch. Ham. under mid-hill conditions of Himachal Himalayas (2012-2017).
- Raising of nursery stock of tree species (tall plants) and medicinal plant species' for HPSFD.
- Development of Gene Markers for High Seed Oil Content and Dissecting Molecular Basis of Female Flower Development in *Jatropha curcas* towards its Genetic Improvement for High Seed Yield(Funding Agency: DBT, New Delhi) (2013-2016)



Manpower:

Sh. Rakesh Sharma, Deputy Ranger
Sh. Swaraj Singh, Forest Guard