

DEFINING THE QUALITY PARAMETERS FOR RAISING QUALITY NURSERY STOCK OF DEODAR AND BAN OAK

Training Programme held at Forest Training Institute, Chail (HP)

(06.03.2013)

Under the ongoing research project titled '**Determination of Morphological and Physiological Quality Parameters of Nursery Stock of Deodar (*Cedrus deodara*) and Ban Oak (*Quercus leucotrichophora*)**', the institute in close co-operation with the Director Forest Training Institute, Chail organized a one day training cum demonstration programme on "**Raising Quality Nursery Stock of Deodar and Ban Oak- issues defining Quality Parameters**" at **Forest Training Institute, Chail (H.P.)** on 6th March 2013. The training in-fact was undertaken with a view to reach the end users *i.e.* the State Forest Department more effectively.

Sh. OP Solanki, IFS, Director, FTI Chail inaugurated the training programme and during his inaugural address explained the importance of quality nursery stock for better survival in the field. He appreciated HFRI, Shimla for organizing the training on such important topic *i.e.* high-tech production in the nursery followed by grading, culling etc. and issues defining quality parameters of Deodar and Ban Oak. He told the participants that nursery activities are important component in plantation programmes, therefore the expertise of HFRI resource persons on these aspects need to be fully harnessed during presentations/deliberations. At the same time he also requested the resource persons to address all the queries from the field during plenary session.

Sh. SS Kataik, IFS, DCF HFRI, Shimla thereafter, welcomed the participants (57 no.) of the training from Solan, and Shimla Forest Divisions and also from the Wildlife division Shimla. Trainees of FTI Chail and some progressive farmers of the Chail area who were also invited for this training were welcomed on the occasion. He also briefed about the day's event and subsequently made an institutional presentation for highlighting the Institutional activities particularly nursery related work carried out during last few years.

Dr. Sandeep Sharma, Scientist-F and Coordinator of this training programme made detailed presentation on **Nursery stock quality of Deodar and Ban Oak and root-trainer seedling production** including various critical issues involved while adopting this system in the departmental nurseries. **Dr. Ranjeet Singh, Scientist-F** gave a presentation on the various nursery pests and integrated pest management in nursery as well as in the forest. He also discussed the case study of Deodar mortality in Chail Forest and various steps taken for controlling the problem in the field. **Dr. VP Panwar, Scientist-C** through his presentation highlighted the importance of soil fertility and nutrient management in the nursery particularly for producing quality stock of Deodar and Ban Oak. **Dr. Sandeep Sharma** then briefed about the results obtained in the

project mentioned above particularly morphological parameters of Ban Oak and Deodar nursery stock with the participants. To benefit the participants **Dr. Rajasekaran, Scientist-C** practically demonstrated the GPS handling technique in the field and also briefed about the uses of these modern gadgets in various forestry operations.

Plenary session was chaired by the **Dr. VRR Singh, Director HFRI Shimla**. All the participants expressed their opinion about the training programme and freely interacted with the resource persons. Relevant queries of the participants and other field functionaries of State Forest Department, those who were present during the session were duly addressed through expert opinion of the resource persons.

In the end, a special Vote of Thanks was extended by **Dr. VP Panwar, HFRI, Shimla**.

SOME CLIPS OF THE TRAINING PROGRAMME





अब उगेंगे हाई क्वालिटी देवदार चायल में वानिकी के नए शोध समझने को जुटे कर्मचारी

■ दिव्य हिमाचल ब्यूरो, शिमला

वन प्रशासन संस्थान चायल में हिमालयन वन अनुसंधान संस्थान शिमला के राज्य से औषधीय पौधों के संरक्षण एवं देवदार, बॉन, ओक के अच्छी गुणवत्ता वाले पौधे तैयार करने तथा नर्सरी में पौधों की गुणवत्ता के मापदंड संबंधित विषय पर दो दिवसीय प्रशिक्षण शिविर का आयोजन किया गया। हिमालयन वन अनुसंधान संस्थान शिमला कार्यालय अध्यापक एसएस कटैक भारतीय वन सेवा ने प्रशिक्षणार्थियों को संस्थान द्वारा वानिकी क्षेत्र में किए जा रहे विभिन्न शोध कार्यों एवं हिमाचल में औषधीय पौधों की जानकारी प्रदान की। संस्थान के वैज्ञानिकों डा. राजसेकरन

विनीत सिंह, संदीप शर्मा, एस चक्रवर्ती, आंगिरा चौहान ने महत्वपूर्ण औषधीय पौधों की पहचान, उपयोग व संरक्षण जैसे निविधता संरक्षण में वनस्पति जाटिका का महत्व, कढ़ू, मुश्कबाला, अर्तश व चौरा का ध्यावसायिक कृषिकरण, औषधीय पौधों की खेती में हानिकारक कीटनाशक दवाइयों के प्रभाव को कम करने के संबंधी उपायों पर जानकारी प्रदान की। दूसरे दिन संस्थान के वैज्ञानिकों डा. संदीप शर्मा, डा. राजवीर सिंह, डा. चिन्मय शर्मा एवं सवासेकरन ने नर्सरी में पौधों की गुणवत्ता जैविक कृषि, कंपोस्ट एवं वर्मो कंपोस्ट बनाने की विधियों व उर्वरक प्रबंधन नर्सरी व पौधोत्पन्न प्रबंधन, वानिकी कीटों का प्रबंधन,

वानिकी में मृदा का महत्व, जीपीएस का वानिकी में उपयोग आदि विषयों पर महत्वपूर्ण जानकारी प्रदान की। प्रशिक्षण के समापन समारोह में मुख्य अतिथि डा. बीआरआर सिंह, भारतीय वन सेवा निदेशक हिमालयन वन अनुसंधान संस्थान ने कहा कि संस्थान द्वारा विभिन्न आधुनिक तकनीकों का विकास किया गया है, जिसे वन विभाग द्वारा अपनाकर उत्पादकता बढ़ानी चाहिए। शिविर में लगभग 55 वन विभाग के कर्मचारियों व किसानों ने हिस्सा लिया। इस प्रशिक्षण में राजेश कुमार, मोशा शर्मा, नाजरा अली, अर्चना शर्मा, आशा कपूर, पूजा शर्मा, नीला राम, डा. रोशन शर्मा, राम प्रकारा, धर्म चंद, आदि प्रशिक्षणार्थियों ने भाग लिया।