



INSTITUTE OF FOREST PRODUCTIVITY
(Indian Council of Forestry Research & Education)



WORKSHOP

ON

'CULTIVATION OF BAMBOOS FOR EDIBLE SHOOT PRODUCTION AND PROCESSING'

CELEBRATING 'INTERNATIONAL YEAR OF FORESTS 2011'

Thrust Area : Non-Wood Forest Products (NWFP)

Theme : Resource Development of NWFPs

Organized by : Forest Soil & Land Reclamation Division, Institute of Forest Productivity, Ranchi
on **30.08.2011**

FOR FARMERS AND FIELD FUNCTIONARIES OF JHARKHAND



In the context of celebrating, International Year of Forests 2011' under thrust area 'Non-Wood Forest Products' and theme 'Resource development of NWFPs' a one day workshop on 'Cultivation of Bamboos for Edible Shoot Production and Processing' has been organized by the Forest Soil & Land Reclamation Division, Institute of Forest Productivity, Ranchi on 30.08.2011. Fifty participants comprised of farmers, forest personnel and field functionaries of SFD, Jharkhand and the NGOs (SPWD, Bokaro, SPAR, Khunti & NCS, Palamau) attended the workshop. The Director, IFP, Ranchi inaugurated the workshop with his address on the promising edible bamboo species, mode and time of shoot harvest and processing of the shoots. The guest resource person, Dr. L. R. Bhuyan, SFRI, Itanagar, Arunachal Pradesh discussed on bamboo cultivation, field preparation, soil treatments and harvesting techniques for edible shoots. The scientists of the institute deliberated their experience on silvicultural inputs for enhancing duration of shoot production, nutrient aspects and food value highlighting bamboo shoot as '*new health food*', shoot processing, shoot products – their status and future strategy, marketing problems and prospects etc. Field demonstrations have been conducted at the bambusetum of the institute, propagation nursery, trial plots on edible shoot production and simple management option for bamboo flowering.

During the plenary session, Group discussions was held on i) Bamboo shoot cultivation, ii) Shoot processing and iii) Shoot products and marketing aspects with the outcome of the following recommendations.

Bamboo shoot cultivation :

- ✓ Use based bamboo cultivation outside forests.
- ✓ Motivation and awareness generation for cultivation by farmers and SFDs with right type of species according to local needs for edible bamboo shoots

- ✓ Technology transfer for scientific cultivation to stake holders.
- ✓ Bio-fencing with bamboo species as preferred by animals (elephants).

Shoot processing:

- ✓ Implementation of new schemes on edible shoot processing.
- ✓ Encouragement of entrepreneurs for processing units.
- ✓ Development of '*Cluster Approach*' for collection, processing and value addition at village level and transfer of products to district headquarters and state capital.
- ✓ Networking with industrial houses on collection of raw materials and processing.

Shoot products and marketing aspects & strategy :

- ✓ Framing new state policy on edible bamboo shoot.
- ✓ Preparation of 'Status Paper' on edible shoot – species available, raw materials collection, market strength and trade of bamboo shoots.
- ✓ Participation of Jharcraft, Khadi-Gramudyog, Rural Development and other organizations on shoot processing and marketing of attractive value added products of bamboo shoots.
- ✓ Setting up of cooperatives/SHGs for processing and marketing of bamboo shoot products with the intervention of the NGOs.



ORGANIZING COMMITTEE

Advisory Committee

Dr. A. K. Mandal, Scientist – G, IFP, Ranchi
Sh. Rameshwar Das, Director, IFP, Ranchi

Organizing Secretary

Dr. S. Nath, Scientist-E & Head,
Soil & Land Reclamation Division

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