

IMPLEMENTATION OF SAMUDAI ADHARIT SAMANVIT VAN PRABANDHAN EVAM SANRAKSHAN YOJANA OF BIHAR STATE (BIHAR PROJECT)

A Planning Commission, Government of India sponsored project titled “Samudai Adharit Samanvit Van Prabandhan Evam Sanrakshan Yojana of Bihar State” (Bihar Project) is being implemented by ICFRE. The 1st phase of the project involves implementation of agroforestry component in Vaishali district, North Bihar and RDF through JFM component in Banka and Jamui Division of South Bihar. The duration of 1st phase of the project is from 2005-06 to 2006-07. The outlay for ICFRE component is Rs. 18.94 crore out of the total outlay of Rs. 51.00 crore for implementation of the 1st phase. ICFRE has taken up project programme related to agroforestry with help and support of SFD, Bihar and implemented it on farmer’s fields in North Bihar by providing technical knowledge, quality planting stock, training and extension, establishment of hi-tech nursery, kisan nursery and demonstration trials. In JFM linked RDF programme in Banka and Jamui Divisions, ICFRE is helping in establishing hi-tech nursery cum demonstration centre, providing training support and helping in conducting study tours. The project comprises of several activities listed as below:-



1. Socio-economic Survey.

Baseline survey will be carried out using questionnaire survey technique on 1-2 percent of households in each category for landless, marginal farmers, medium farmers and big farmers to prepare socio-economic and ecological profile of the area.

2. Impact Assessment.

During the project period (i.e. 5 years) two assessments will be carried out viz., midterm and final. For midterm assessment socio-economic and biophysical data will be collected through case studies and questionnaire survey technique.

3. Selection of Suitable Plant Species and their Propagation.

Poplar and Bamboo would constitute 80% of the plantation targets. However, choice of tree species will be finalized only after knowing the consent of the farmers.

4. Raising Quality Planting Stock through Establishment of Model Nurseries and Kisan Nursery.

Activity	Vaishali District
Model Nursery	One (5.00 lakh capacity)
Kisan Nurseries	(140 Nos. with a capacity of 50,000 plants in each)



5. **Planting Trees an Farmlands.**

Target of planting trees on farmlands:-

Poplar species(ETP)	Non Poplar species
62,60,000	13,40,000
Total 76,00,000	



6. **Establishment of Field Demonstration.**

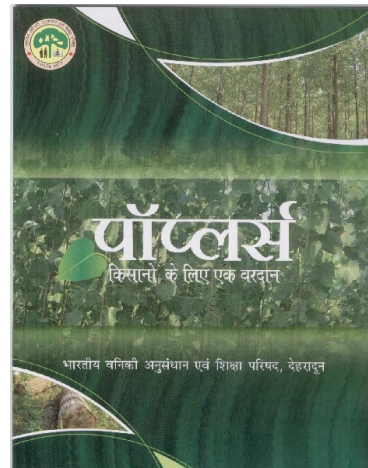
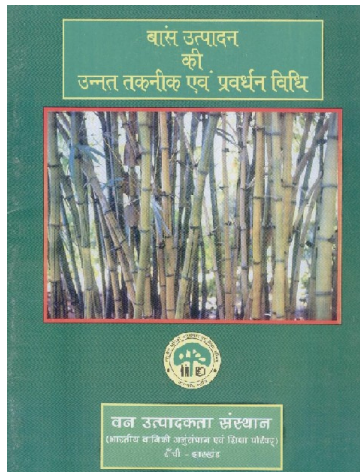
Two demonstration centres one at Jadua and one at Vaishali will to be established. The project envisages to layout demonstration model on farmers field in each block.

7. **Trainings, Extension and NGO Involvement.**

Activity	Target
(i) Trainers Training (Extension Workers, Teachers,NGO's Foresters)	2 (100 participants in each)
(ii) Farmers Training	11 (One in each Block involving 100 farmers in each Training programme)

To create awareness and dissemination of knowledge amongst farmers, NGOs will be involved in Project activities. However, reputed local four NGOs with experience in forestry and extension activities will be involved for taking up Project activities in Vaishali District and area wise NGOs will be selected for all Districts of North Bihar.





8. **Establishment of Orchards, Hedge Garden.**
Seedling/Clonal Seed Orchards would be established covering 5 ha. Area in Hajipur Range, Vaishali Block during 2004-05.
9. **Identification of VAM fungi and Inoculation.**
VAM inoculation activity will be carried out at Model nursery as also in Kissan nurseries by ICFRE Scientists.
10. **Protection.**
Close surveillance will be maintained in respect of Pest and Diseases Protection measures.
11. **Develop Extension Material/Packages Field Manuals in Vernacular Language.**
Booklets on Poplar, Bamboo and Kissan nursery and pamphlets on 10 Forestry species have been published.
12. **Establishment of Center and Appointment of staff.**
Forestry Research and Extension Centre has been established at Patna. Necessary officials have been posted on deputation from SFD Bihar/contractual basis.
13. **Engagement of Consultants for Agroforestry, Joint Forest Management, Planting Stock Improvement, Socio-economic Studies.**
Four consultants, one consultant each for Agroforestry, JFM, PSI and Socio Economic survey are to be engaged as a resource person for training and also help in preparation of microplans and treatment map.
14. **National Seminar/ Workshop and Study Tours.**
15. **Monitoring and Evaluation, Documentation and Data Base.**
16. **Utilization of Agroforestry/Forestry Produce.**