



e-Arik

For Empowerment...



ICTs for Agricultural Extension

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A Half yearly News Letter of the DSIR, MoS&T, GoI Sponsored Research Project and Implemented by the College of Horticulture and Forestry, Central Agricultural University, Pasighat, Arunachal Pradesh

The e-Arik Project Activities

Phase I: From May, 2007 to April, 2008

1. Farmers' Information Needs Assessment
2. Survey on ICT Indicators
3. Field Visits and Diagnosis
4. Digital Documentation
5. Farm Advisory Services
6. On-Farm Demonstrations
7. Market and Weather Information
8. Awareness Meetings & Group Discussions
9. Organising Multimedia Shows
10. Identifying & Developing Village Knowledge Managers
11. Farm Inputs Familiarization
12. Establishing Village Library
13. Creating Digital Resources for Farmers & Others
14. Information on Health, Education & Governance
15. Computer Literacy to the Villagers

Phase II: From May, 2008 to April, 2009

1. Five Hundred Registered Farmers
2. Developing Para Extension Professionals in Villages
3. Digital Documentation of Farmers' Crop History
4. Regular Field Visits & Advisory Services by Facilitators
5. Digital Documentation of ITKs
6. Facilitating Multi-Agency Extension
7. On-Farm Demonstrations
8. Farmer Participatory Video on Farm Technologies
9. Farm Advisory Publications
10. Strengthening Village Library
11. Creating Farmer Specific-Digital Database
12. Information on Health, Education & Governance
13. Computer Literacy to the Villagers
14. Project Impact Assessment
15. Organising Consultative Workshop on e-Arik



Secretary, DARE & DG, ICAR Visited e-Arik Laboratory, CHF, CAU, Pasighat on 21st May, 2008



From Right to Left: Dr. Mangala Rai, Secretary, DARE and DG, ICAR, Prof. S.N. Puri, Vice-Chancellor, Central Agricultural University (CAU), Dr. R. Saravanan, Principal Investigator, e-Arik, Shri. A. K. Upadhyay, Additional Secretary, DARE and Secretary, ICAR .

"Arik" means "Agriculture" in the Adi tribal dialect of Arunachal Pradesh State

Project Activities

Citrus Orchard History Documentation

Citrus is one of the important commercial fruit crops grown in project area. Citrus orchard crop history is documented among 100 farmers. Information on area of cultivation, propagation techniques, number of trees, cultivation practices followed, inter crops, diseases & pest occurrence, its seasonality and management measures followed, indigenous practices, yield, marketing information and future orchard expansion plans were collected from the registered farmers. The collected information will be useful for the dissemination of appropriate orchard management practices among citrus orchard growing tribal farmers.



Documentation of the Information on Adi Tribes Traditional Homestead Agro-forestry System

Documentation of the information on Adi tribes traditional homestead agro-forestry system was undertaken among 400 farm families. The Adi tribes' traditional homestead agro-forestry demonstrates well-developed indigenous systems and emphasises productivity and sustainability. Further, it demonstrates optimum utilisation of available land and other natural resources. A multitude of crops presenting a multi-tier canopy configuration makes balanced utilisation of environmental resources. Based on information collected and also in consultation with farm family members selected vegetable crops are to be introduced in homestead agro-forestry system to enhance nutritional security and marketable surplus.



Farmers Training and Demonstration on Advanced Farm Technologies

The e-Arik project team, experts from College of Horticulture and Forestry, Central Agricultural University (CAU) and KVK, East Siang District, conducted a farmers' training programme titled "Training and Demonstration on Advanced Farm Technologies" on 06th June, 2008 at Gobo farming area, Yagrung village. 105 (42 women and 63 male) farmers participated in the day-long training programme.



Advanced rice nursery management techniques were discussed by Dr. Debashish Sen, Assistant Professor (Agronomy). Followed by rice integrated pest and diseases management lectures delivered by Mr. Toge Riba, Subject Matter Specialist (Entomology) and Dr. P. Raja, Assistant Professor (Pathology), respectively. Awareness lectures on Hybrid vegetable cultivation and Composite fish culture were discussed by the Dr. Vikas Singh, Subject Matter Specialist (Vegetables) and Mr. Md. Shah Mustahid Hussain, Subject Matter Specialist (Fisheries), respectively.

Extension bulletins on integrated rice pest management, integrated rice diseases management and composite fish culture were distributed to the farmers for their benefit. Rice seed treatment for diseases control was demonstrated in the nursery field of the selected farmers of Gobo area, Yagrung Village.



Farmers' Training Programmes by the Krishi Vigyan Kendra (KVK), CAU, East Siang District at e-Arik: Village Knowledge Centre, Yagrung Village

Rice- Fish Farming System (5th May, 2008)

During the training programme experts highlighted agronomic practices, fish stocking procedure, precaution measures, pest & diseases control measures, cost-benefit ratio in rice-fish farming system. During the training, experts quoted Apatani farmers' world famous rice-fish farming system. Subject matter experts-farmers interaction session was held at the end of the training programme.



Training on Hybrid Seed Production Technology of Bottle Gourd & Bitter Gourd (29th May, 2008)

A day-long awareness and training programme on cultivation practices and breeding techniques on hybrid vegetable seed production was conducted at e-Arik centre, Yagrung village by the KVK, East Siang district, CHF, CAU, Pasighat. During the training programme, information on advantages of hybrid vegetable seed production and market demand in North-East India was highlighted.

Training on Post Stocking Management in Composite Fish Culture (30th May, 2008)

Post Stocking information such as: feeding schedule, fertilization & liming followed by sampling technique for growth and health observation was highlighted by Mr. S. M. Hussain, SMS (Fisheries). Further, extension bulletin on "Post Stocking Management in Composite Fish Culture" was distributed to the training participants.



Farmers' Training and Demonstration by the Horticultural Work Experience Programme Students at e-Arik: Village Knowledge Centre, Yagrung Village



Rubber Cultivation

Final year B.Sc (Horticulture) students of College of Horticulture and Forestry, Central Agricultural University, Pasighat, conducted five numbers of training and demonstration programme on citrus orchard management, awareness programme on rubber cultivation and processing, mushroom cultivation, and bamboo shoot processing and vermi-compost &vermi wash preparation at e-Arik: Village Knowledge Centre, Yagrung Village during 17th & 18th, June, 2008. During this two day training programme 100 farmers, experts from KVK, East Siang District and e-Arik project team members also participated.



(Boardeux Mixture Preparation) Citrus Orchard Management



Bamboo Shoot Processing



Vermi-compost Demonstration



Mushroom Spawn Production



Mushroom Cultivation



Farm Information Dissemination in e-Arik: ICTs for Agricultural Extension Project

For More Details

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