RFD

Results - Framework Document

For

Central Research Institute for Jute and Allied Fibres,

Barrackpore, West Bengal

(2011-12)

Vision, Mission, Objectives and Functions

Vision

Comprehensive science and technology for growth in productivity of jute and allied fibres for livelihood security of farmers through generation, assessment, refinement and adoption of appropriate technologies

Mission

To explore traditional and new frontiers of science and knowledge for technology development and policy guidance for a vibrant, effectively productive, eco-friendly, sustainable, economically profitable, socially equitable, responsive and resilient jute and allied fibre agriculture.

Objectives

- Improved productivity of jute and allied fibres including emphasis on fibre quality.
- Transfer of technology and human resource development.

Functions

- To conceptualize, formulate/prioritize, initiate and monitor research projects aimed at productivity/production of jute and allied fibres, including in frontier and emerging areas of research.
- To organize All-India multi-location, coordinated testing and identification of technologies to conceptualize, formulate/prioritize, initiate and monitor research projects aimed at enhancing productivity of jute and allied fibresin diverse ecologies under AINP on Jute and Allied Fibres.
- To coordinate breeder seed production of jute and allied fibres.
- To disseminate knowledge and skills through formal training, on-farm demonstrations and information and communication technologies.
- Human resource development as required in changing scenario in science and technology.

Section 2:
Inter se Priorities among Key Objectives, Success indicators and Targets

Sl. No	Objectives	Weight	Action	Success Indicators	Unit	Weight	Target / Criteria Value				
							Excellent (100%)	Very good (90%)	Good (80%)	Fair (70%)	Poor (60%)
1	Improved productivity of jute and allied fibre including emphasis on quality	60	Development of new improved varieties	New, improved varieties identified	Number	15	3	2	1	-	-
			Collection, characterization and conservation of genetic resource	Number of germplasm collected/ characterized and conserved	number	5	150	125	100	75	50
			Development of location specific production/protection technologies	Input packages for plant production/protection identified	Number	10	4	3	2	1	0
			Evaluation and assessment of technologies	Number of technology tested	Number	8	4	3	2	1	
			Production of seed including breeder seed	Amount of seed including breeder seed produced	Ton	10	19	15	12	9	6
			Conducting AINP workshop	Timeline (dates)of meeting to be conducted	Date	3	10.2.12	15.2.12	20.2.12	28.2.12	10.3.12
			Conducting RAC meeting	Timeline (dates) meeting to be conducted	Date	3	20.3.12	22.3.12	23.3.12	26.3.12	29.3.12
			Conducting DRC meeting	Timeline (dates) of meeting to be conducted	Date	3	15.3.12	17.3.12	19.3.12	21.3.12	23.3.12
			Conducting IRC meeting	Timeline (dates) meeting to be conducted	Date	3	22.3.12	26.3.12	28.3.12	29.3.12	31.3.12
2	Transfer of technology and human resource development	29	Distribution of quality planting materials to the farmers	Quantity of seed distributed	Ton	5	17	14	12	10	8
			Trainings on improved production technologies and jute diversification	Number of training conducted	Number	10	10	8	6	4	2
			Promotion of ramie and sisal under Tribal support programme	Area expanded	Area (ha)	5	25	20	15	10	5
			Conduction of FLD	Number of FLD conducted	Number	9	100	80	60	40	20

*	Efficient functioning of RFD system	11	Timely submission of draft for approval	On time submission	Date	2	10.6.11	15.6.11	22.6.11	25.6.11	30.6.11
			Timely submission of result	On time submission	Date	1	01.5.12	3.5.12	7.5.12	10.5.12	15.5.12
			Implementation of sevottam	Creation of sevottam compliant system to implement, monitor and review citizen's charter	Date	2	10.12.11	10.1.12	10.2.12	20.2.12	29.2.12
				Creation of sevottam compliant system to redress and monitor public grievens	Date	2	10.12.111	10.1.12	10.2.12	20.2.12	29.2.12
			Identify potential areas of corruption related to departmental activities and develop an action plan to mitigate them	Finalize an action plan to mitigate potential areas of corruption	Dates	2	10.12.11	10.1.12	10.2.12	20.2.12	29.2.12
			Finalize strategic plan for RSc	Finalize the strategic plan for next 5 years	Dates	2	10.12.11	10.1.12	10.2.12	20.2.12	29.2.12

Section 3:
Trend Values of the Success Indicators

Sl.No	Objective	Action	Success indicator	Unit	Actual Value for FY09/10	Actual Value for FY10/11	Target Value for FY 11/12	Projected Value for FY 12/13	Projected value for FY 13/14
1	Improved productivity of jute and allied fibre including emphasis on quality	Development of new improved varieties	New, improved varieties identified	Number	1	3	2	3	2
		Collection, characterization and conservation of genetic resource	Number of germplasm collected/ characterized and conserved	number	150	200	200	200	200
		Development of location specific production/protection technologies	Input packages for plant production/protection identified	Number	6	3	3	4	4
		Production of seed including breeder seed	Amount of seed including breeder seed	Ton	15	18	15	16	16
		Evaluation and assessment of technologies	Number of technology tested	Number	5	4	5	10	8
		Conducting AINP workshop	Timeline (dates)of meeting to be conducted	Date	5-6.2.2010	5-6.02.11	15.2.12	20.2.13	20.2.14
		Conducting RAC meeting	Timeline (dates) meeting to be conducted	Date	6.4.2010	4-5.3.11	22.3.12	20.3.13	20.3.14
		Conducting DRC meeting	Timeline (dates) of meeting to be conducted	Date	March, 2010	22.03.11	17.3.12	22.3.13	22.3.14
		Conducting IRC meeting	Timeline (dates) meeting to be conducted	Date	23.4.2010	24-25.03.11	26.3.12	25.3.13	25.3.14
2	Transfer of technology and human resource development	Distribution of quality planting materials to the farmers	Quantity of seed distributed	Ton	10	17	14	15	15
		Trainings on improved production technologies and jute diversification	Number of Training conducted	Number	-	3	8	8	8
		Identification of location specific constraints	Development of task force	Number	0	3	0	0	0
		Promotion of ramie and sisal under Tribal support programme	Area expanded	Area (ha)	0	0	50	40	40
		Conduction of FLD	Number of FLD conducted	Number	-	-	80	70	60
*	Efficient functioning of RFD System	Timely submission of draft for approval	On time submission	Date	-	14.3.11	15.06.11	16.03.12	16.03.13
		Timely submission of result	On time submission	Date	-	31.3.11	03.05.12	03.05.13	03.05.14
		Implementation of sevottam	Creation of sevottam compliant system to implement, monitor and review	Date	-	-	10.1.12	10.1.13	10.1.14

			citizen's charter						
			Creation of sevottam compliant system to redress and monitor public grievens	Date	-	-	10.1.12	10.1.13	10.1.14
		Identify potential areas of corruption related to departmental activities and develop an action plan to mitigate them	Finalize an action plan to mitigate potential areas of corruption	Date	-	-	10.1.12	10.1.13	10.1.14
		Finalize strategic plan for RSc	Finalization of strategic plan for next 5 years	Date	-	--	10.1.12	10.1.13	10.1.14

Section 4:
Description and Definition of Success Indicators and Proposed Measurement Methodology

Objective 1: With respect to improvement in productivity and quality of jute and allied fibres, it is envisaged to identify the varieties and different location specific production/protection technologies. To popularise the high yielding varieties, production of sufficient quantity of seed including breeder seed indented by DAC is also required. Success indicators may be measured by number of varieties and technologies identified and quantity of seed produced.

Research projects are evaluated and prioritised by constituted bodies like Research Advisory committee (RAC), Institute Research Council (IRC) (at institute level) and Divisional Research Committee (DRC, at institute level). These meeting are held before starting the cropping season. The success indicator can be the timely conduction of such meeting.

Objective 2: With regard to transfer of technology, it is envisaged to distribute the HYV seed materials as well as dissemination of production technology/ies through demonstration at farmers' field and imparting various training on improved technologies, conduction of programmes like farmers day, seed day etc. these indicators can be measured by quantity of seed distributed among the farmers, number of demonstration and training programme conducted. Constraints analysis is also envisaged to know the reasons for regional differences in productivity

Section 5:
Specific Performance Requirements from other Departments

Specific Performance Requirements from other Departments

1. Strengthening of All India Net Work Programme depend on the proactive support of State Agricultural Universities for proper implementation of AINP programmes.

2. Technology adoption would highly depend upon the proactive role of Stage Agriculture Department, DAC, Directorate of Jute Development and State Agricultural Universities

3. Approval of layout plans and execution of works will require commitment and timeliness on the part of the Works Departments.

4. The quantity of breeder seed produced is based on the quantity indented by Department of Agriculture and Cooperation, which in turn collects indents from various seed agencies including State Departments of Agriculture.

5. Proper implementation of research programme funded by external agencies like DST, DBT, JCI timely release of fund is require

Section 6:

Outcome/Impact of Department/Ministry

Outcome/Impact of Department/Ministry	Jointly responsible for influencing these outcome/impact with the following department / ministry	Success indicators	Unit	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Development of high yielding varieties	CRIJAF/DAC/ DJD/JCI/State Agril. Dept.	No. of new varieties developed/identified	Nos.	01	03	03	03	02
Development of production and protection technologies	CRIJAF/DJD/State Agril. Dept./private parties	Production technologies developed and evaluated	Nos	03	02	02	02	02
		Protection technologies developed and evaluated	Nos.	03	01	01	02	02
Transfer of technologies	CRIJAF/DJD/State Agril. Dept./private parties/Farmers/JCI	Training organised	Nos	-	03	08	08	08
		Technology Demonstration	Nos.	-	-	80	70	60
		Distribution HYV of jute and allied fibres	tons	10	17	14	15	15
No. of new variety in seed chain	CRIJAF	Production of Breeder seed	% achievement	100	100	100	100	100
Commercialization/ popularization of technologies	CRIJAF/DJD/State Agril. Dept./private parties/Farmers/JCI	Technology commercialized/popularized	Nos	06	08	08	08	08