



Results-Framework Document (RFD)
for
Central Research Institute for Jute and
Allied Fibres
(2013-2014)

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Section 1: Vision, Mission, Objectives and Functions

Vision

Provide leadership in research and technology development to make jute and allied fibre farming profitable and sustainable

Mission

To explore traditional and new frontier areas of science for technology development, promotion and policy guidance for a vibrant, effectively productive and resilient jute and allied fibre agriculture.

Objectives

1. Development of improved cultivars
2. Development and identification of appropriate crop production & protection technologies
3. Technology dissemination and capacity building

Functions

1. 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.
2. 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 fibres in diverse ecologies under AINP on Jute and Allied Fibres.
3. To coordinate breeder seed production of jute and allied fibres.
4. To disseminate knowledge and skills through formal training, on-farm demonstrations and information and communication technologies.
5. Human resource development as required in changing scenario in science and technology

Section 2

Inter-se Priorities among Key Objectives, Success indicators and Targets

SI No.	Objectives	Weight	Actions	Success indicators	Unit	Weight	Target/criteria value				
							Excellent	Very Good	Good	Fair	Poor
							100%	90%	80%	70%	60%
1	Development of improved cultivars	49	Evaluation of genetic material	Germplasm evaluated	Number	10	100	80	60	40	30
				Entries tested in AICRP trials for multi-location testing	Number	10	20	15	12	10	08
			Development of improved cultivars	Varieties identified for release	Number	10	4	3	2	1	-
			Seed production programme	Breeder seed produced	Weight (t)	10	1.4	1.1	1.0	0.8	0.7
				Certified + truthfully labeled seed produced	Weight (t)	9	9.2	8.7	7.0	6.0	5.0
2	Development and identification of appropriate crop production & protection technologies	20	Development & testing of new technologies	New technologies tested/validated	Number	10	4	3	2	1	-
				Technologies recommended	Number	10	4	3	2	1	-

3	Technology dissemination and capacity building	20	Demonstrations conducted	FLD + OFT conducted	Number	10	250	200	180	160	140
			Farmers/Extension officials training programmes organized	Trainings organized	Number	10	10	8	7	6	5
	Efficient functioning of RFD system	3	Timely submission of draft RFD 2013-14 for approval	On-time submission	Date	2	15-5-13	16-5-13	17-5-13	20-5-13	21-5-13
			Timely submission of results of RFD 2012-13	On-time submission	Date	1	1-5-13	2-5-13	5-5-13	6-5-13	7-5-13
	Administrative Reforms	4	Implement ISO 9001 as per approved action plan	% implementation	%	2	100	95	90	85	80
			Prepare an action plan for innovation	On-time submission	Date	2	30-7-13	10-8-13	20-8-13	30-8-13	10-9-13
	Improving internal efficiency/responsiveness/service delivery of ministry/department	4	Implementation of sevottam	Independent Audit of Implementation of Citizen's Charter	%	2	100	95	90	85	80
				Independent Audit of implementation of public grievance redressal system	%	2	100	95	90	85	80

Section 3

Trend Values of the Success Indicators

Sl. No.	Objectives	Actions	Success Indicators	Unit	Actual value for 2011-2012	Actual value for 2012-2013	Target value for 2013-2014	Projected Value for 2014-2015	Projected Value for 2015-2016
1	Development of improved cultivars	Evaluation of genetic material	Germplasm evaluated	Number	100	148	80	90	100
			Entries tested in AICRP trials for multi-location testing	Number	20	22	15	20	25
		Development of improved cultivars	Varieties identified for release	Number	3	4	3	3	3
		Seed production programme	Breeder seed produced	Weight (t)	1.51	1.35	1.10	1.20	1.40
			Certified + truthfully labeled seed produced	Weight (t)	10	14.35	8.7	9.5	10.5
2	Development and identification of appropriate crop production and protection technologies	Development & testing of new technologies	New technologies tested/validated	Number	5	3	3	4	5
			Technologies recommended	Number	3	2	3	2	3
3	Technology dissemination and capacity building	Demonstrations conducted	FLD + OFT conducted	Number	179	200	200	225	250
		Farmers/ Extension officials training programmes organized	Trainings organized	Number	10	8	8	10	12

	*Efficient functioning of RFD system	Timely submission of draft RFD (2013-14) for approval	On-time submission	Date			16-5-13		
		Timely submission of results of RFD(2012-13)	On-time submission	Date			2-5-13		
	Administrative Reforms	Implement ISO 9001 as per approved action plan	% implementation	%			95		
		Prepare an action plan for innovation	On- time submission	Date			10-8-13		
	Improving internal efficiency/responsiveness/service delivery of ministry/department	Implementation of sevottam	Independent Audit of Implementation of Citizen's Charter	%			95		
			Independent Audit of implementation of public grievance redressal system	%			95		

Section 4: Acronyms

Sl. No.	Acronym	Description
1	AINP	All India Net Work Project
2.	JAF	Jute and Allied Fibres
3.	DAC	Department of Agriculture and Cooperation
4.	DJD	Directorate of Jute Development
5.	FLD	Front line Demonstration
6.	OFT	On Farm Trial
7.	NGO	Non-Government Organization
8.	HYV	High yielding Varieties
9.	TSP	Tribal Sub Plan
10.	DoE	Directorate of Extension
11.	AICRP	All India Coordinated Research Project

Section 4: Description and definition of success indicators and proposed measurement methodology

Sl. No.	Success Indicator	Description	Definition	Measurement	General comments
1.	Germplasm evaluated	Source materials for improved varieties to be developed	Material generated /screened from the basic germplasm	Number of germplasm evaluated for unique characters	
2.	Entries tested in AICRP trials for multi-location testing	Promising varieties with unique characters to be tested under multi locational trial	Material generated from the basic germplasm and other improved lines	Number of new improved entries tested	
3.	Varieties identified for release	Breeding lines tested along with checks in multi-location trials through All India Network project and the best performing entries compared to checks are identified as new improved varieties for	Best performing entries identified as a new variety for release	Number of such varieties identified	

		release			
4.	Breeder seed produced	Produce from nucleus and breeder seed is the starting point in seed chain of producing quality seeds for farmers	Breeder seed is the starting point in seed chain which is multiplied/converted in to foundation /certified seed	Quantity produced (Quintals)	
5.	Certified + truthfully labeled seed produced	Certified seed is produced from foundation seed under the guidance of state seed certification agency following certain criteria, while truthfully leveled seed is produced from certified seed for distribution among farmers for cultivation.	Certified seed is produced from foundation seed under the supervision of state seed certification agency while truthfully labeled seed is produced by multiplication of certified seed	Quantity produced (Quintals)	
6.	New technologies tested/validated	Appropriate production and protection technologies for alleviating various abiotic and biotic stresses and thereby enhancement of jute and allied fibre productivity and conservation of natural resources	New crop production technologies on weed and water management, improved retting, disease and pest management of jute and allied fibre crops	Number of such technologies developed, tested and validated	
7.	Technologies recommended	New crop production and protection technologies recommended for farmers use	Technologies after validation are recommended for the use of farming community	Number of such technologies recommended	
8.	FLD + OFT conducted	Trials and demonstrations conducted for technology testing and proving the technology potential production	On-farm trials aims at testing new technologies under farmers condition and management, by using farmers own practice as control. Frontline demonstration is the field demonstration	Number	

			conducted on farmers field under the close supervision of scientists		
9.	Trainings organized	Capacity building activities related to knowledge and skill improvement/development programmes conducted for farmers, rural youth and extension personnel	Training is a process of acquisition of new skills, attitude and knowledge in the context of preparing for entry into a vocation or improving productivity in an organization or enterprise	Number	

Section 5

Specific Performance Requirements from other Departments

Location type	State	Organization Type	Organization Name	Relevant Success Indicator	What requirement is from this organization	Justification for this requirement	Please quantify your requirement from this Organization	What happened your requirement is not met
Central Govt.	-	Department	Department of Agriculture & cooperation	Breeder seed produced	Indent for quantity of Breeder seed	Variety wise indent for breeder seed	Quantity of breeder seed is produced as per the indent	Less or more quantity of breeder seed will be produced
State Govt.	West Bengal, Assam, Bihar, Odisha & Uttar Pradesh	Department	Department of Agriculture	Certified + Truthfully labeled seed produced	Indent for quantity of certified + TL seed	Variety wise indent for certified & TL seed	Quantity of certified & TL seed is produced as per the indent	Less or more quantity of certified & TL seed will be produced
Central & State Govt.	West Bengal, Assam, Bihar, Odisha & Uttar Pradesh	Directorate & Department	Directorate of Jute Development (DJD) & Department of Agriculture	Front line demonstrations conducted	Availability of funds, effective implementation	Funds from DJD is required for FLD,s & help from state govt. for effective implementation	Fund at the right time from DJD & effective implementation plan by state govt. ensures requisite nos of FLD,s	Less no of FLD,s will be conducted
Central & State Govt.	West Bengal, Assam, Bihar, Odisha & Uttar Pradesh	Directorate & Department	Directorate of Jute Development (DJD), Directorate of Extension (DoE) & State Govt.	Trainings organized	Availability of funds & beneficiary state govt. officials for trainings	Funds from DJD & DoE is required for organization of trainings & availability beneficiary officials for trainings from state govt.	Fund at the right time from DJD & DoE & timely availability of trainee officers from state govt.	Less no of trainings on improved technologies will be conducted

Section 6: Outcome/Impact of activities of organization

SI No.	Outcome/impact of organization	Jointly responsible for influencing this outcome/impact with following department (s)/ministry (ies)	Success indicators	Unit	2011-12	2012-13	2013-14	2014-15	2015-16
1	Area covered with new improved HYV	State governments of West Bengal, Assam, Bihar, Uttar Pradesh and Odisha	Area under new improved HYV*	ha	1800	2142	2285	2485	2714
2	Area expansion in allied fibre crops	State governments of Assam, Uttar Pradesh and Odisha	Area brought under allied fibre crops*	ha	21.55	40	50	60	70

* (Based on participatory farmer's research, on-farm trials and FLDs of CRIJAF, achievement of TSP)