



Results-Framework Document (RFD)

for

ICAR Research Complex for Eastern Region (2013 - 2014)

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Section 1: Vision, Mission, Objectives and Functions

Vision

A broad based institutional framework to address diverse issues relating to land and water resources management, crop husbandry, horticulture, fishery, livestock and poultry, agro-processing, and socio-economic aspects in a holistic manner for enhancing research capability and providing a backstopping for improvement in agricultural productivity and sustainability in the eastern region.

Mission

- Transform “Low Productivity – High Potential” eastern region into High Productivity region for food, nutritional and livelihood security in a manner that is environmentally sustainable and socially acceptable.
- Poverty alleviation, livelihood improvement and women empowerment through income generation through on-farm and off-farm job opportunities and promote network and consortia research in the eastern region

Objectives

- To undertake strategic and adaptive research for efficient and integrated management of natural resources to enhance agricultural production, productivity and profitability in different agro-ecological zones of eastern region.
- Human resource development and capacity building

Functions

- To facilitate and promote coordination and dissemination of appropriate agricultural technologies through network/consortia approach involving ICAR institutes, state agricultural universities, and other agencies for generating location-specific agricultural production technologies through sustainable use of natural resources.
- To provide scientific leadership and act as a center for vocational as well as advanced training to promote agricultural production technologies.
- To act as repository of available information and its dissemination on all aspects of agricultural production systems in the eastern region.
- To collaborate with relevant national and international agencies in liaison with state and central government departments for technology dissemination.
- To provide need based consultancy and advisory support in promoting agriculture, horticulture, and livestock in the eastern region.
- Socio-economic evaluation and impact assessment of agricultural technologies.

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

S. No.	Objectives	Weight	Action	Success indicators	Unit	Weight	Target /Criteria Value				
							Excellent 100%	Very Good 90%	Good 80%	Fair 70%	Poor 60%
1	To undertake strategic and adaptive research for efficient and integrated management of natural resources to enhance agricultural production, productivity and profitability in different agro-ecological zones of eastern region”	64	Integrated farming system including wetland rehabilitation	IFS models developed/tested/refined	No.	20	5	4	3	2	1
			Collection, conservation and evaluation of germplasm of agri-horti crops including livestock & fish	Germplasm of agri-horti crops, animal breed and fish species collected, conserved and evaluated	No.	24	6	5	4	3	2
			Development of production technologies for different components of IFS	Technologies developed for enhancing input use efficiencies and improving livestock & fish production	No.	20	5	4	3	2	1
2	Human resource development and capacity building	25	Transfer of technology	FLDs/OFTs conducted	No.	10	25	22	20	17	15
			Creation of awareness and knowledge	Training programmes organized	No.	15	60	54	48	42	36
	*Efficient Functioning of the RFD System	3	Timely submission of Draft RFD (2013-14) for approval	On-time submission	Date	2	May 15 2013	May 16 2013	May 17 2013	May 20 2013	May 21 2013
			Timely submission of Results for RFD (2012-13)	On-time submission	Date	1	May 1 2013	May 2 2012	May 5 2013	May 6, 2013	May 7, 2013
	Administrative Reforms	4	Implement ISO 9001 as per the approved action plan	% Implementation	%	2	100	95	90	85	80
			Prepare an action plan for Innovation	On-time submission	Date	2	July 30, 2013	Aug. 10, 2013	Aug. 20, 2013	Aug. 30, 2013	Sep. 10, 2013

	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

S. No.	Objectives	Actions	Success Indicators	Unit	Actual Value for FY 11/12	Actual Value for FY 12/13	Target Value for FY 13/14	Projected Value for FY 14/15	Projected Value for FY 15/16
1	To undertake strategic and adaptive research for efficient and integrated management of natural resources to enhance agricultural production, productivity and profitability in different agro-ecological zones of eastern region”	Integrated farming system including wetland rehabilitation	IFS models developed/ tested/ refined	No.	4	3	4	4	3
		Collection, conservation and evaluation of germplasm of agri-horti crops including livestock & fish	Germplasm of agri-horti crops, animal breed and fish species collected, conserved and evaluated	No.	10	9	5	6	6
		Development of production technologies for different components of IFS	Technologies developed for enhancing input use efficiencies and improving livestock & fish production	No.	8	8	4	5	5
2	Human resource development and capacity building	Transfer of technology	FLDs/OFTs conducted	No.	26	23	22	25	30
		Creation of awareness and knowledge	Training programmes organized	No.	28	57	54	60	70
	*Efficient Functioning of the RFD System	Timely submission of Draft RFD (2013-14) for approval	On-time submission	Date	-	-	May 16 2013	-	-
		Timely submission of Results for RFD (2012-13)	On-time submission	Date	-	-	May 2 2013	-	-
	Administrative Reforms	Implement ISO 9001 as per the approved	% Implementation	%	-	-	95	-	-

		action plan							
		Prepare an action plan for Innovation	On-time submission	Date	-	-	Aug. 10, 2013	-	-
	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: Acronym

S. No	Acronym	Description
1.	DST	Decision Support Tool
2.	FLD	Front Line Demonstration
3.	ICAR	Indian Council of Agricultural Research
4.	IFS	Integrated Farming System
5.	NGOs	Non-Government Organizations
6.	OFT	On-Farm Trial
7.	SAU	State Agricultural University
8.	SHM	State Horticulture Mission

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

S. No.	Success Indicator	Description	Definition	Measurement methodology	General Comments
1.	IFS models developed/ tested/ refined.	Keeping in view the small scattered and fragmented landholdings in irrigated ecosystem, IFS mode of food production system has been developed in order to achieve food and nutritional security at household and even at individual level. Decision Support Tool (DST) has been used for testing different component of IFS model involving crop, livestock, poultry, beekeeping and fisheries. Wetland rehabilitation will be achieved through harnessing the complementarity of crop, livestock and fish through various technological interventions.	IFS refer to integrate different components of farming systems in such a manner that by product of one component becomes input of other component.	The input and output of different component of IFS will be recorded in structural schedule. The output of different components will be converted in yield equivalence of major component for calculation of production and profit of farming system model under irrigated, rainfed and plateau region.	IFS is the need of the hour as it may improve the food security, soil health and livelihood of small and marginal farmers.
2.	Germplasm of agri-horti crops, animal breed and fish species collected, conserved and evaluated	The germplasm of various agri-horti and aquatic crops besides animal and fish will be collected, screened and evaluated / tested for their yield ability under different eco-systems of eastern region. The germplasm will be evaluated as on-station trial and subsequently the on-station trial will be disseminated to the farmers through front line demonstrations.	It refers to collection, conservation and evaluation of different varieties/species of agricultural crops, animal and fish.	The germplasm of various agri-horti and aquatic crops besides animal and fish will be collected from different part of eastern region. All the germplasm will be conserved & evaluated as on-station trial and finally screened to develop varieties suitable for eastern region.	Biodiversity can be maintained and problem of seed shortage can be minimized.
3.	Technologies developed for enhancing input use efficiencies and improving livestock &	Development of production technologies for crops, livestock and fish will be achieved through different interventions on soil, water, nutrient and resource conservation measures. It will lead to efficiently utilize the critical inputs	It refers to input use efficiency for increasing productivity of agricultural production system	Expansion of area, productivity and profitability of different interventions will be measured through impact assess before and after interventions.	Input use efficiency of different agri-horti crops and livestock can be enhanced through developed

	fish production	like seed, fertilizer and irrigation requirements. Non-conventional energy sources like solar radiation shall be used for irrigation keeping in view the constraints of electricity supply in agriculture sector.			technology packages.
4.	FLDs/OFTs conducted	Adoption and demonstration of the technologies developed by the institute through structural schedule. as well as training to the farmers, different stakeholders	It refers to front line demonstration, on- farm trial	Survey of constraints, knowledge gap dissemination and impact analysis of technologies through structural schedule	FLD in participatory mode helps in quick adoption of technology by the farming community.
5.	Training programmes organized	Up scaling of knowledge of farmers through improved technical knowhow	Knowledge sharing and dissemination	Number	Exchange of ideas and information among different stakeholders on recent advances

Section 5 : Specific performance requirements from other Departments

Location Type	State	Organization Type	Organization Name	Relevant Success Indicator	What is your requirement from this organization	Justification for this requirement	Please quantify your requirement from this organization	What happens if your requirement is not met
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Section 6: Outcome / Impact of activities of organisation/ministry

S. No	Outcome / Impact of organisation	Jointly responsible for influencing this outcome / impact with the following organisation (s) / departments/ ministry(ies)	Success Indicator (s)	Unit	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
1	Increased crop productivity and profitability of farmers of eastern region.	State Agriculture Deptt./ Livestock and Fisheries Deptt./ SAUs/ NGOs/ SHM and farmers	Increased in productivity	%	4	3	5	6	7
			Enhanced profitability of farmers	%	3	4	5	6	6