

Section 1 : *Inter se* Priorities among Key Objectives, Success Indicators and Targets

S. No.	Objectives	Weight	Actions	Success Indicators	Unit	Weight	Target/ Criteria value				
							Excellent	Very good	Good	Fair	Poor
							100%	90%	80%	70%	60%
1.	Develop on-station and on-farm (farmers' participatory) integrated farming system models for small and marginal farmers under different farming situations	40	Characterization of location-specific farming systems	Farming systems characterized	Number of Zones	5	5	4	3	2	1
			Development of IFS models and modules for different farming situations	Integrated farming system models/modules developed and validated	Number	25	15	13	12	11	9
			Fine tuning and improvement of prevailing farming systems in farmers' (including tribal farmers) participatory mode	Farm households covered	Number	10	600	550	500	450	400
2.	Identify, evaluate and refine alternative cropping systems and system-based production technologies	30	Identification and evaluation of alternative cropping systems	Alternative cropping systems identified	Number	10	12	10	9	8	6
			Development of system-based farm production technologies	System-based farm production technologies developed	Number	15	14	12	10	8	6
			Study of on-farm response to plant nutrients	On-farm trials conducted	Number	5	500	450	400	350	300
3.	Standardize organic farming practices for crops and cropping systems	10	Standardization of organic farming practices for crops/ cropping systems	Package of practices of organic farming for crops/ cropping systems developed	Number	10	10	8	7	6	5
4.	HRD and technology transfer	9	Capacity and knowledge building	Trainings, seminars etc. organized	Number	5	22	20	18	16	14
				Front line demonstrations conducted	Number	4	55	50	45	40	35
	Efficient Functioning of	3	Timely submission of	On-time submission	Date	2	May	May	May	May	May

	the RFD System		Draft RFD (2013-14) for approval				15, 2013	16, 2013	17, 2013	20, 2013	21, 2013
			Timely submission of Results for RFD (2012-13)	On-time submission	Date	1	May 1 2013	May 2 2013	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	Jul 30, 2013	Aug. 10, 2013	Aug. 20, 2013	Aug. 30, 2013	Sept. 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 2: Trend Values of the Success Indicators

S. No.	Objectives	Actions	Success Indicators	Unit	Actual value for 2011-12	Actual value for 2012-13	Target Value for 2013-14	Projected Value for 2014-15	Projected Value for 2015-16
1	Develop on-station and on-farm (farmers' participatory) integrated farming system models for small and marginal farmers under different farming situations	Characterization of location-specific farming systems	Farming systems characterized	Number of Zones	3	8	4	4	5
		Development of IFS models and modules for different farming situations	Integrated farming system models/ modules developed and validated	Number	5	10	13	15	16
		Fine tuning and improvement of prevailing farming systems in farmers' (including tribal farmers) participatory mode	Farm households covered	Number	-	-	550	600	600
2	Identify, evaluate and refine alternative cropping systems and system-based production technologies	Identification and evaluation of alternative cropping systems.	Alternative cropping systems identified	Number	6	11	10	11	12
		Development of system-based farm production technologies	System-based farm production technologies developed	Number	7	12	12	10	10
		Study of on-farm response to plant nutrients	On-farm trials conducted	Number	300	426	450	450	450
3	Standardize organic farming practices for crops and cropping systems	Standardization of organic farming practices for crops/ cropping systems	Package of practices of organic farming for crops/ cropping systems developed	Number	4	7	8	8	8
4	HRD and technology transfer	Capacity and knowledge building	Trainings, seminars etc. organized	Number	-	10	20	20	20
			Front line demonstrations conducted	Number	35	46	50	50	50
	Efficient functioning of the RFD System	Timely submission of Draft RFD (2013-14) for approval	On-time submission	Date	-	-	16 May, 2013	-	-
		Timely submission of Results for RFD (2012-13)	On-time submission	Date	-	-	2 May, 2013	-	-
	Administrative	Implement ISO 9001 as per	% implementation	%	-	-	95	-	-

	Reforms	the approved action plan							
		Prepare an action plan for Innovation	On-time submission	Date	-	-	10 Aug., 2013	-	-
	Improving internal efficiency/responsiveness/services 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 3: Acronyms

S. No.	Acronym	Description
1.	AERs	Agro-Ecological Regions
2.	AICRP-IFS	All India Coordinated Research Project on Integrated Farming Systems
3.	HRD	Human Resource Development
4.	IFS	Integrated Farming System
5.	PDFSR	Project Directorate for Farming Systems Research
6.	NPK	Nitrogen, Phosphorus and Potassium
7.	NPOP	National Programme of Organic Production
8.	R & D	Research & Development
9.	NPOF	Network Project on Organic Farming
10.	NABARD	National Bank for Agriculture and Rural Development

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

S. No.	Success Indicator	Description	Definition	Measurement	General comments
1	Farming systems characterized	Farming systems of different agro-climatic zones are being characterized through extensive diagnostic surveys for understanding their spread/ intensity, viability and constraints.	Farming system is a mix of different enterprises adopted by a farm family including available resources at its disposal, income from different components and constraints limiting the productivity.	Number of agro-climatic zones covered through characterization survey.	The characterization of existing farming system is a pre-requisite for design and development of region-specific efficient IFS models.
2	Integrated farming system models/ modules developed and validated.	On-station integrated farming system research units are developing IFS models specific to a particular region and appropriate for small and marginal farmers.	IFS model is an optimum mix of different components (modules) designed by integrating them by using all the principles of science and in such a manner that overall productivity and income of farm household is enhanced . For this, the available farm resources, prevailing constraints and available agricultural infrastructure is taken into account.	Number of functional IFS models developed.	These IFS research models will be further subjected to evaluation of their efficiencies and refinement in subsequent years.
3	Farm households covered	Farmers' participatory (on-farm) approach of R & D, with major emphasis on small, marginal and tribal farmers, has been adopted to improve upon existing farming systems, by component-wise constraint analysis and suitable technological interventions.	On-farm approach of IFS research involves the active participation of farmers in research. After constraint analysis in different components, optimum technological interventions are identified and evaluated in farmers' participatory mode.	Farm households adopted for on-farm IFS research and improvement in household income through farming activities.	On-farm approach of farming systems improvement at grass root level is essentially required as each farmer has its own farming system and limitations.
4	Alternative cropping systems identified	Alternative cropping systems are being identified and evaluated under different	Alternative cropping systems are improved sequential/ inter cropping systems assessed in terms of higher	Region-specific cropping systems, which have potential	Cropping is a major sub-system of farming systems in majority of

		farming situations for increasing productivity and profitability of farmers.	productivity/ profitability/ resource conservation, as compared to existing major cropping systems.	to give a significantly higher productivity/ profitability than the popular cropping systems in the region.	farm households in India, as it provides, among other things, the food security. Hence it requires concerted efforts for improvement.
5	System-based farm production technologies developed	System-based farm production technologies are being developed, tested and refined under different farming situations for increasing productivity and profitability of farmers.	System-based farm management technologies are those technologies which take into account the interactions taking place when two crops are grown on the same field in succession or simultaneously or two different farming system components co-exist and compete with each other for same resources.	New farm management technologies, identified for higher productivity/ profitability or conservation of natural resources.	--
6	On-farm trials conducted	On-farm (farmers' participatory) research is being conducted to evaluate the nutrient response of different crops and cropping systems	The quantification of response of crops - grown in a certain cropping system - to the application of major plant nutrients (NPK) alone or in combination on farmers' fields.	The number of trials conducted for assessing the response.	These trials give true reflection of nutrient response level in real farm situations.
7	Package of practices of organic farming for crops/ cropping systems developed	Organic farming practices are being developed/ standardized through experimentation under NPOF for different crops and cropping systems.	A standardized organic farming practice is a practice in respect of a crop or cropping system grown under organic environment and is in compliance with NPOP standards.	The number of organic farming practices standardized through experimentation.	Standardization of organic farming practices through experimentation is required to develop a transferable package of practices to be used by common organic grower.
8	Trainings, seminars etc. organized	Trainings, summer/ winter schools, field days, farmers' meetings, traveling seminars etc. are being organized on different aspects of farming systems for stakeholders	--	Number of trainings, summer/ winter schools, field days, farmers' meetings, traveling seminars organized by	These are very important for HRD/ capacity building among different stakeholders/ beneficiaries of IFS/ organic farming research.

		(farmers/ researchers/ officials of state departments of agriculture/ service providers)		PDFSR or Centres of AICRP-IFS/ NPOF.	
9	Front line demonstrations conducted	Front line demonstrations are being conducted at farmers' fields to disseminate proven / improved technologies in systems perspective.	Frontline demonstrations are conducted by scientists themselves in frontier areas of technologies generated.	Number of frontline demonstrations conducted by PDFSR or Centres of AICRP-IFS/ NPOF.	Frontline demonstrations are strong tools of technology transfer.

Section 5: Specific performance requirement 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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Section 6: Outcome/ Impact of Activities of Organization

Outcome/ Impact of Organization	Jointly responsible for influencing this outcome/ impact with the following organization(s)/ Department(s)/ Ministry(ies)	Success Indicator(s)	Unit	2011-12	2012-13
Enhanced farming system productivity/ profitability of farm households	State Agricultural Universities, State Deptt. of Agriculture/ Animal Husbandry/ Irrigation, NABARD and other agriculture finance institutes	Small and marginal farm households covered.	Number	50	60
		Increase in farming system (crops + animals + fish + poultry + value addition etc.) profitability	Rs. in lakhs/ annum	14	16
		Rural employment generated due to adoption of integrated farming systems and new technologies	Man days	14000	16000