



RESULTS-FRAMEWORK DOCUMENT (RFD)

for

CENTRAL POTATO RESEARCH INSTITUTE

(2013 – 2014)

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Section 1: Vision, Mission, Objectives and Functions

Vision

Potato for food & nutritional security and sustainable inclusive growth.

Mission

Carry out research on potato in collaboration with national and international partners for enhancing productivity and profitability, achieving sustainable food and nutritional security, and alleviating rural poverty.

Objectives

1. Management and utilization of genetic resources for improved quality and production.
2. Production management and value addition.
3. Dissemination of knowledge.

Functions

To plan, coordinate, implement and monitor R&D programmes for sustainable potato production and resource conservation.

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	Very Good	Good	Fair	Poor
							100%	90%	80%	70%	60%
1	Management and utilization of genetic resources for improved quality and production	40	Evaluation of genetic resources	Germplasm evaluated	Number	18	240	220	200	190	170
			Development of improved hybrids, varieties and elite germplasm	Breeding lines developed/ varieties released/ elite material registered	Number	22	5	4	3	2	1
2	Production management and value addition	35	Production of potato nucleus and breeder seed	Nucleus and breeder's seed produced	Tonne	15	3100	3050	3000	2900	2850
			Development of production, protection, post-harvest technologies, farm implements, softwares, protocols & gene constructs	Technologies developed	Number	20	6	5	4	3	2
3	Dissemination of knowledge	14	Organizing/providing training, demonstrations, Kisan Melas, Awareness camps, Exhibitions and Consultancies	Trainings & demonstrations organised	Number	8	15	13	12	11	10
				Kisan Melas, Awareness camps and Exhibitions organised and Consultancies provided	Number	6	5	4	3	2	1
	Efficient Functioning of the RFD System	3	Timely submission of Draft RFD (2013-14) for approval	On-time submission	Date	2	15 May, 2013	16 May, 2013	17 May, 2013	20 May, 2013	21 May, 2013
			Timely submission of Results for RFD (2012-13)	On-time submission	Date	1	1 May, 2013	2 May, 2013	5 May, 2013	6 May, 2013	7 May, 2013
	Administrative Reforms	4	Implement ISO 9001 as per the approved action	% Implementation	%	2	100	95	90	85	80

			plan								
			Prepare an action plan for Innovation	On-time submission	Date	2	30 July, 2013	10 Aug, 2013	20 Aug, 2013	30 Aug, 2013	10 Sept, 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

Sl. 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	Management and utilization of genetic resources for improved quality and production	Evaluation of genetic resources.	Germplasm evaluated.	Number		200	220	230	235
		Development of improved hybrids, varieties and elite germplasm.	Breeding lines developed/ Varieties released/ Elite material registered	Number		3	4	4	4
2	Production management and value addition	Production of potato nucleus and breeder seed.	Nucleus and Breeder's seed produced.	Tonnes	3025	3025	3050	3050	3050
		Development of production, protection, post-harvest technologies, farm implements, softwares, protocols & gene constructs.	Technologies developed	Number		4	5	5	6
3	Dissemination of knowledge	Organizing/providing training, demonstrations, Kisan Melas, Awareness camps, Exhibitions and Consultancies.	Trainings & Demonstrations organised	Number		12	13	13	14
			Kisan Melas, Awareness camps and Exhibitions organised and Consultancies provided.	Number		3	4	4	5
	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 reforms	Implement ISO 9001 as per the approved action plan	% Implementation	%	-	-	95	-	-
		Prepare an action plan for Innovation	On-time submission	Date	-	-	10 Aug, 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: Acronyms

S. No.	Acronym	Description
1.	DAC	Department of Agriculture and Cooperation
2.	SAUs	State Agricultural Universities
3.	NHM	National Horticulture Mission
4.	AICRP	All India Coordinated Research Project
5.	R&D	Research & Development

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

SI No.	Success indicator	Description	Definition	Measurement	General Comments
1	Germplasm evaluated	Evaluation of germplasm is the basic requirement to breed new improved varieties	Basic information about genetic resource for crop improvement	Number of germplasm samples	Utilization of the evaluated germplasm in breeding programmes.
2	Breeding lines developed/ Varieties released/ Elite material registered	Breeding lines/elite germplasm tested and identified for registration/ introduction for multi-location trial for release as improved variety	Best performing germplasm for registration/ entry identified for trials/ release	Number of germplasm/ variety	Targets for elite material/ varieties identified given in Section 2 and their respective trend values in Section 3 may vary as the identification of the varieties depend upon the availability of superior material with respect to yield, biotic and abiotic resistance/ tolerance over the existing variety/ germplasm.
3	Nucleus and Breeder's seed produced.	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 into foundation/ certified seed	Quantity produced (Tonnes)	Production of nucleus and breeder seed may depend upon the climatic conditions over the seasons and the given targets may vary as per these conditions.
4	Technologies developed	Identification of technologies for potato production, protection and post-harvest management	Development of technologies, farm implements, software's, protocols and gene constructs	Number of technologies	Technologies shall be identified for efficient use of inputs, diagnostic tools for different pathogens and better post-harvest management.
5	Trainings & Demonstrations organised	The knowledge and skills of primary and secondary stakeholders shall be enhanced by conducting training and on-farm trials/ demonstrations	Exposure to advanced techniques in understanding and managing production constraints.	Number of trainings/ demonstrations	Skill enhancement of primary and secondary stakeholders.
6	Kisan Melas, Awareness camps and Exhibitions organised and Consultancies provided.	Capacity building activities for knowledge and skill improvement for the farmers, rural youth and extension personnel and providing consultancies to the stakeholders	Transfer of technologies through these methods is aimed to benefit potato growers, researchers and private entrepreneurs in potato production and processing	Number	Transfer of knowledge to the stakeholders.

Section 5: Specific performance requirements from other Departments.

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.

No dependency on the other departments.

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	2015-16
1	Development of improved potato varieties and technologies for increased production and transfer of technology	Nil	Increase in production of potato	%	0.5	0.5	0.5	0.75	1.0
			Increase in area covered under new varieties developed during the last ten years	%	1.0	1.0	1.5	1.5	1.5
			Increase in Farmers' knowledge and technology adoption	%	0.5	0.5	0.7	0.7	0.8