



# **Results-Framework Document (RFD)**

**For**

# **CENTRAL POTATO RESEARCH INSTITUTE**

**(2012 – 2013)**

**Shimla 171001, Himachal Pradesh  
Website: <http://cpri.ernet.in>**

## **Section 1: Vision, Mission, Objectives and Functions**

### Vision

Potato for food & nutritional security and sustainable inclusive growth.

### Mission

Carry out research, education and extension 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. Enhancing productivity and quality of potato through varietal improvement.
2. Production management and value addition.

### 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*

Objectives	Weight %	Actions	Success Indicators	Unit	Weight %	Target/Criteria Value	Very Good 90%	Good 80%	Fair 70%	Poor 60%
						Excellent 100%				
1. Enhancing productivity and quality of potato through varietal improvement.	35	Collection and conservation of genetic resources for sustainable use	Number of germplasm collected	Number	15	20	18	16	14	12
		Development and introduction of improved hybrids in AICRP	Number of hybrids introduced in AICRP for multi-location trial	Number	20	2	1	0	0	0
2. Production management and value addition.	53	Production of potato nucleus and breeder seed	Production of Breeder's seed	Quintals	10	35,000	32,000	29,000	27,000	25,000
		Development of production technologies and value added products	Development of production and protection technologies	Numbers	29	4	3	2	1	0
			Development of value added products and enhancing shelf life	Number	7	2	1	0	0	0
			Organizing training and demonstrations.	Number	7	5	4	3	2	1
Efficient functioning of the RFD system	03	Timely submission of RFD for 2012-13	On-time submission	Date	02	Mar. 23 2012	Mar. 26 2012	Mar. 27 2012	Mar. 28 2012	Mar. 29 2012
		Timely submission of results for 2012-13	On-time submission	Date	01	May 1 2013	May 2 2013	May 3 2013	May 6 2013	May 7 2013

Administrative reforms	05	Implement ISO 9001	Prepare ISO 9001 action plan	Date	01	June 4 2012	June 5 2012	June 6 2012	June 7 2012	June 8 2012
			Implementation of ISO 9001 action plan	Date	02	March 25 2013	March 26 2013	March 27 2013	March 28 2013	March 29 2013
		Implement mitigating strategies for reducing potential risk of corruption	% of implementation	%	02	100	95	90	85	80
Improving internal efficiency / responsiveness / service delivery of Ministry / Department	04	Implementation of Sevottam	Independent Audit of Implementation of Citizen's Charter	%	02	100	95	90	85	80
			Independent Audit of implementation of public grievance redressal system	%	02	100	95	90	85	80

### Section 3 Trend values of the success indicators

Objectives	Action	Success Indicators	Unit	Actual Value for FY 10/11	Actual value for FY 11/12	Target value for FY 12/13	Projected Value for FY 13/14	Projected Value for FY 14/15
Enhancing productivity and quality of potato through varietal improvement	Collection and conservation of genetic resources for sustainable use	Number of germplasm collected	Number	-	19	18	20	20
	Development and introduction of improved hybrids in AICRP	Number of hybrids introduced in AICRP for multi-location trial	Number	-	3	1	2	2
Production management and value addition	Production of potato nucleus and breeder seed	Production of Breeder's seed	Quintals	32,000	32,000	32,000	32,500	33,000
	Development of production technologies and value added products	Development of production technologies.	Numbers	-	-	3	3	4
		Development of value added products and enhancing shelf life	Number	-	1	1	2	1
		Organizing training and demonstrations	Number	-	4	4	5	5
Efficient functioning of the RFD system	Timely submission of RFD for 2012-13	On-time submission	Date			Mar. 26 2012		
	Timely submission of results for 2012-13	On-time submission	Date			May 2 2013		

Administrative reforms	Implement ISO 9001	Prepare ISO 9001 action plan	Date			June 5 2012		
		Implementation of ISO 9001 action plan	Date			March 26 2013		
	Implement mitigating strategies for reducing potential risk of corruption	% of implementation	%			95		
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: Description and definition of success indicators and proposed measurement methodology.**

### Objective 1

The objective aims at development of improved potato varieties for high yield, processing quality and resistance/tolerance to important biotic and abiotic stresses. This activity will be achieved by collection, conservation, evaluation and utilization of potato germplasm for breeding improved cultivars. Both conventional and non-conventional approaches will be used for germplasm management as well as breeding improved cultivars. The success of the task will be measured in terms of germplasm conserved and utilized and number of advance hybrids introduced in AICRP (Potato) for multi-location trial and subsequent release of improved cultivars.

### Objective 2

The main aim of this objective is to meet out the requirement of potato breeder seed of the country, identification of proper crop sequences/inter-cropping systems would enable harnessing the available natural resources to the maximum as well as efficient use of inputs by exploiting the synergy between crops, availability of specific and sensitive diagnostic tools for different pathogens, development of value added products with improved nutritional value; number of training to stakeholders.

## **Section 5: Specific performance requirements from other Departments.**

1. MOU are required for germplasm import and evaluation with International Potato Gene Banks e.g CIP, Lima-Peru ; SCRI, Scotland; Dundee, UK and NRSP, Potato Introduction Centre, Wisconsin; Sturgeon Bay, USA. Collaborative projects in the field of pre-breeding will help improve the availability of genetic resources for potato breeding.
2. Capacity building training of manpower would depend upon financial assistance from different departments like Directorate of Extension, NHRDF, State Departments of Hort./ Agriculture and NHM ( DAC).
3. With respect to survey, the assistance from State Agril. Universities, State Agril./Hort. Departments and local bodies would be required. Capacity building training of manpower would depend upon financial assistance from different departments like Directorate of Extension, NHRDF, State departments of Hort./ Agriculture and NHM ( DAC).



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

S. No	Outcome / Impact of organisation /RCs	Jointly responsible for influencing this outcome / impact with the following organisation (s) / departments/ministry(ies)	Success Indicator (s)	Unit	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
1	Production of quality seed, development of improved varieties, and technologies including value added products	DAC/SAU/NHB/NHM/APEDA/MoRD/State Line Departments/KVKs/MoWR etc	Increase in production of potato	%	5	5	4	3	3
			Higher growth in potato production	%	2	2	2	2	2
			Development of improved potato varieties	Number	-	2	1	2	2
			Development of production technologies	Number	-	3	3	4	3
			Production of breeder's seed	Quintals	-	32,000 q	32,000 q	32,500 q	33,000 q
			Development of value added products and enhancing shelf life	Number	-	1	1	2	1
			Awareness of stakeholders and capacity building of the scientists through training/demonstration	Number	-	4	4	5	5