Results - Framework Document (RFD)

for

Vivekananda Parvatiya Krishi Anusandhan Sansthan (2013-2014)

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Section 1: Vision, Mission, Objectives and Functions

Vision
Providing basis for food and livelihood security to farmers of North-Western Himalayas

Mission
Enhancing the productivity and ecological sustainability of hill agriculture through niche based diversification

Objectives
1. Development of high yielding crop varieties for hills and production of seeds.

2. Development of suitable technologies for crop management

3. Capacity building and transfer of technology

Functions
- Research towards higher net revenue returns and eco-sustainable agricultural production

- Efficient and sustainable resource management

Section 2: *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.	Development of high yielding crop varieties for hills and production of seeds.	55	Evaluation and development of varieties in major hill crops and seed production	New varieties identified	Number	15	6	5	4	3	2
				Entries tested under AICRP/SVT Trials	Number	15	94	85	75	66	56
				Breeder seed produced	MT	10	27.5	25.0	22.0	19.2	16.5
				Truth Fully Seed produced	MT	5	5.6	5.1	4.5	3.9	3.2
			Testing of germplasm of major hill crops	Testing/ evaluation of germplsam for agro-morphological characters/disease resistance	Number	10	1550	1400	1250	1000	900
2	Development of suitable technologies for crop management	20	Testing/ refinement of production and protection technologies and design the small implements	Testing/ refinement of components of production technologies and small farm implements	Number	10	6	5	4	3	2
				Screening /testing of pest management options	Number	8	4	3	2	1	0
				Technologies recommended	Number	2	4	3	2	1	0

3	Capacity building and transfer of technology	14	Demonstration of promising technologies	Demonstrations conducted	Number	7	40	35	30	25	20
			Capacity building of farmers/subject matter specialists/ state line departments/ NGOs	Trainings organized	Number	7	13	12	11	10	9
	Efficient Functioning of RFD system	3	Timely submission of RFD for approval (2013-14)	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 01, 2013	May 02, 2013	May 05, 2013	May 06, 2013	May 07, 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 the Department/Institute	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	Development of high yielding crop varieties for hills and production of seeds	Evaluation and development of varieties in major hill crops and seed production	New varieties identified	Number	6	4	5	6	6
			Entries tested under AICRP/SVT Trials	Number	86	77	85	88	91
			Breeder seed produced	MT	26.8	23.7	25.0	25.5	26.0
			Truth Fully Seed produced	MT	6.2	* -	5.1	5.3	5.5
		Testing of germplasm of major hill crops	Testing/evaluation of germplsam for agro-morphological characters/disease resistance	Number	1563	1394	1400	1425	1450
2	Development of suitable technologies for crop management	Testing/ refinement of production and protection technologies and design the small implements	Testing/ refinement of components of production technologies and small farm implements	Number	5	-	5	6	6
			Screening/testing of pest management options	Number	3	3	3	4	4
			Technologies recommended	Number	-	-	3	4	4
3	Capacity building and transfer of technology	Demonstration of promising technologies	Demonstrations conducted	Number	33	35.4	35	38	40
		Capacity building of subject matter specialists/ state	Trainings organized	Number	16	13	12	13	14

		line departments/ NGOs								
	Efficient functioning of RFD system	Timely submission of RFD for approval (2013-14)	On-time submission	Date	-	-	May 16, 2013	-	-	
		Timely submission of results for RFD (2012-13)	On-time submission	Date	-	-	May 02, 2013	-	-	
	Administrative Reforms	Implement ISO 9001 as per the approved action plan	% implementation	%	-	-	95	-	-	
		Prepare an action plan for innovation	On-time submission	Date	-	-	Aug. 10, 2013	-	-	
	Improving internal efficiency/ Responsiveness /Service Delivery of the Department/Institute		Implementation of Sevottam	Independent Audit of Implementation of Citizen's Charter	%	-	-	95	-	-
				Independent Audit of implementation of public grievance redressal system	%	-	-	95	-	-

***-** were not a success indicator in the concerned year

Section 4 : Acronyms

S. No	Acronym	Description
1	AICRP	All India Coordinated Research Project
2.	SVT	State Varietal Trial
3.	MT	Metric Tonne
4.	NGO	Non-Government Organization
5.	FLD	Front Line Demonstration
6.	DAC	Department of Agriculture and Cooperation
7.	MoA	Ministry of Agriculture
8.	TL	Truthfully Labeled

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

S. No	Success indicator	Description	Definition	Measurement	General Comments
1.	New varieties identified	Breeding lines tested along with checks in multi-location trials through All India Coordinated Research Projects/ State Varietal Trials and the best performing entries compared to checks are identified as new improved varieties for release	Best performing entries identified as a new variety for release	Number of varieties identified	Targets for varieties identified given in Section 2 and their respective trend values in Section 3 may vary as the identification of varieties depend upon the availability of superior material with respect to yield, biotic and abiotic resistance/tolerance over the existing varieties
2.	Entries tested under AICRP/SVT Trials	Breeding lines tested along with checks in multi-location trials through AICRP and SVT to promote the best entries	Best performing entries in station trials is promoted for the AICRP/SVT	Number	Number of entries tested as given in Section 2 and their respective trend values in Section 3 may vary as the inclusion of new

					entries AICRP/SVT depend upon the promotion / slot available with respect to the centres.
3.	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	MT	Quantity may vary as per indent from DAC
4.	Truth Fully Seed produced	Produce from nucleus seed is quality seeds for outreach activities and distribution among farmers	TL seed is used for outreach activities and distribution among the farmers.	MT	Quantity may vary depending upon the land availability which in turn will depend upon the DAC indent for breeder seed.
5.	Testing/evaluation of germplsam for agro-morphological characters/disease resistance	Source material for the donors/ improved varieties to be evaluated	Material generated from the basic germplasm	Number	
6.	Testing/ refinement of components of production technologies and small farm implements	Development of need based small farm implements which can be utilized for hill farming	Material will be generated on the basis of need.	Number	
7.	Screening/testing of pest management options	Testing/evaluation of different disease and pest management options	Bioagents, botanicals and safer pesticides for the eco friendly management	Number	Identification of native bioagents, effective plant extracts and pesticides for integrated management.
8.	Technologies recommended	Recommending the suitable production and protection technologies	Suitable production and protection technologies for the	Number	

		enhancing the production.	different farming situations		
9.	Demonstrations conducted	Trials and demonstrations conducted for technology testing	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 conducted on farmers field under the close supervision of scientists	Number	Depends upon the FLDs allocated
10.	Trainings organized	Capacity building activities related to knowledge and skill improvement/development programmes conducted for stakeholders	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	Number	Depends on the training proposal receive from the stake holders

Section 5: Specific Performance Requirements from other Department

Location Type	State	Organization 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 required is not met
Central government		Departments	Department of Agriculture and Cooperation	Quantity of 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 brreder seed will be produced

Section 6: Outcome / Impact of activities of organization

S No.	Outcome/Impact of organization/RCs	Jointly responsible for influencing this outcome / impact with the following organization (s) / departments/ministry(ies)	Success Indicator (s)	Unit	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
1.	Enhancement of the productivity of major hill crops in FLD sites	AICRP, State, DAC, MoA	Increase in crop productivity	%	10	10	10	10	10