



**RESULTS-FRAMEWORK DOCUMENT (RFD)
for
Directorate of Onion and Garlic Research
(2013-2014)**

**Address: Rajgurunagar, Pune
Maharashtra - 410505
Website-www.dogr.res.in**

Vision, Mission, Objectives and Functions

Vision

To improve production, productivity, export and add on value of onion and garlic.

Mission

Harness the national resources to increase the production of onion and garlic and identify the strategies for sustainable and eco-friendly practices to enhance profitability and welfare of the farming community.

Objectives

1. Management of genetic resources and crop improvement.
2. Crop production technology and its transfer.

Functions

To plan, co-ordinate, implement and monitor R&D programmes for sustainable production of onion & garlic

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 100%	Very Good 90%	Good 80%	Fair 70%	Poor 60%
1	Management of genetic resources and crop improvement	59	Collection of germplasm	Germplasm collected	Number	14	50	40	30	20	10
			Conservation of germplasm	Germplasm maintained	Number	15	1700	1500	1400	1300	1200
			Evaluation of germplasm	Germplasm evaluated	Number	15	150	130	110	100	90
			Evaluation of breeding lines	Breeding lines evaluated	Number	15	250	200	180	160	140
2	Crop production technology and its transfer	30	Development of technologies	Technologies developed	Number	10	6	5	4	3	2
			Transfer of technologies through trainings and demonstrations	Demonstrations conducted	Number	10	8	6	4	2	1
				Trainings imparted	Number	10	4	3	2	1	0
3	Efficient Functioning of the RFD System	3	Timely submission of RFD (2013-14) for approval	On-time submission	Date	2	15/05/2013	16/05/2013	17/05/2013	20/05/2013	21/05/2013
			Timely submission of Results for RFD (2012-13)	On-time submission	Date	1	01/05/2013	02/05/2013	03/05/2013	06/05/2013	07/05/2013

Results-Framework Document for DOGR (2013-14)

4	Administrative Reforms	4	Implement ISO 9001 as per the approved action plan	% of implementation	%	2	100	95	90	85	80
			Prepare an action plan for innovation	On-time submission	Date	2	30/07/2013	10/08/2013	20/08/2013	30/08/2013	10/09/2013
5	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 values for	Actual values for	Target values for	Projected values for	Projected values for
					2011-12	2012-13	2013-14	2014-15	2015-16
1	Management of genetic resources and crop improvement	Collection of germplasm	Germplasm collected	Number	118	51	40	55	60
		Conservation of germplasm	Germplasm maintained	Number	1450	2250	1500	1750	1800
		Evaluation of germplasm	Germplasm evaluated	Number	42	120	130	155	170
		Evaluation of breeding lines	Breeding lines evaluated	Number	150	180	200	255	260
2	Crop production technology and its transfer	Development of technologies	Technologies developed	Number	5	5	5	6	6
		Transfer of technologies through trainings and demonstrations	Demonstrations conducted	Number	4	5	6	8	9
			Trainings imparted	Number	2	2	3	5	6
3	Efficient Functioning of the RFD System	Timely submission of RFD for 2013-14	On-time submission	Date	--	--	16/05/2013	--	--
		Timely submission of Results for 2013-14	On-time submission	Date	--	--	02/05/2013	--	--
4	Administrative Reforms	Implement ISO 9001 as per the approved action plan	% of implementation	%	--	--	95	--	--
		Prepare an action plan for innovation	On-time submission	Date	--	--	10/08/2013	--	--
5	Improving internal Efficiency/responsiveness/service delivery of Ministry /Department	Implementation of Sevottam	Independence 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.	ICT	Information and Communication Technologies
2.	KVK	Krishi Vigyan Kendra
3.	NGOs	Non Governmental organizations
4.	ISO	International Organization for Standardization
5.	R&D	Research and Development

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

Sl No.	Success indicator	Description	Definition	Measurement	General Comments
1	Germplasm collected	Germplasm is the basic source of variability.	Germplasm collection is the basic activity through genetic resource for crop improvement is enhanced.	Number of germplasm accessions collected	Germplasm of onion and garlic is collected to improve the diversity in the germplasm repository.
2	Germplasm maintained	Germplasm conservation is the basic activity that needs to be carried out.	Germplasm conservation in-vitro and in-vivo is an important activity that ensures the maintenance of variability in genetic stock.	Number of germplasm accessions conserved	Germplasm acts as reservoir of variability for breeding program and that needs to be maintained on priority.
3	Germplasm evaluated	Germplasm evaluation is the basic requirement to develop advanced genetic stock	Through germplasm evaluation advanced material with quality traits can be selected.	Number of germplasm accessions evaluated	Germplasm is evaluated to select advanced material with traits for quality and yield.
4	Breeding lines evaluated	Germplasm evaluation is the basic requirement to develop improved varieties	Through breeding lines evaluation, varieties with quality traits can be developed.	Number of breeding lines evaluated	Germplasm is evaluated to develop onion and garlic varieties with quality and yield.
5	Technologies developed	Onion and garlic production and protection technologies are evaluated for improving productivity & profitability.	Production and protection technologies refers to the maintenance of soil / plant/ ecosystem, efficient management of pest and diseases at an optimum level for enhancing productivity/profitability/sustaining productivity through optimization of the resources.	Number of production technologies developed	To ensure higher productivity/profitability and sustainability of production systems.
6	Demonstrations conducted	Frontline and on-field demonstration are the basic methods to transfer technologies to end users	Demonstrations are the tools through technologies developed are disseminated to ultimate end users i.e. farmers and other stakeholders.	Number of demonstrations conducted	To ensure better impact of technologies developed, conduction of demonstration is necessary.
7	Trainings imparted	Capacity building through training is basic activity through impact of technologies developed can be increased.	Training is development of skill to adopt new and improved technologies.	Number of trainings conducted.	To ensure capacity building among various categories of extension, state department personals and farmers training is required.

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.
State Governments	All states	Departments	State Biodiversity Authority/Forest Department	Germplasm collected	Permission to survey/ collection	Without permission it is illegal to enter the reserved forest for collection	Number of permission letters issued	Less number of germplasm accessions will be collected

Section 6: Outcome/Impact of Activities of Department/Ministry

S. No.	Outcome/ Impact of organization	Jointly responsible for influencing this outcome/impact with the following organization (s)	Success Indicators	Unit	2011-12	2012- 13	2013-14	2014-15	2015- 16
1.	Increase in productivity of onion	DAC/SAU/KVKs/State Agril Dept	Increase in productivity.						
			a. Onion	%	0.2	0.2	0.3	0.4	0.5
			b. Garlic	%	0.2	0.2	0.3	0.4	0.5