

Annual (April 1, 2011 to March 31, 2012) Performance Evaluation Report in respect of RFD 2011-2012 of RSCs i.e. Institutes

Name of the Division: Horticulture
Name of the Institution: Directorate of Medicinal and Aromatic Plants Research, Borivai, Anand
RFD Nodal Officer: Dr. P. Manivel

S. No.	Objective (s)	Weight	Action(s)	Success Indicator(s)	Unit	Weight	Target / Criteria Value					Achievements	Performance		Percent achievements against Target values of 90% Col.	Reasons for shortfalls or excessive achievements, if applicable
							Excellent 100%	Very Good 90%	Good 80%	Fair 70%	Poor 60%		Raw Score	Weighted Score		
1	To identify plants which need attention of agricultural scientists and to collect, maintain and evaluate the identified plants and develop improved varieties.	34	Collection of germplasm of MAPs	Germplasm collected	Number	5	40	35	30	25	20	72	100	5.0	205	The achievements was doubled as more number of collections has come from externally funded NAIP project
			Maintenance of germplasm of MAPs	Germplasm maintained	Number	9	600	580	550	500	400	590	95	8.55	101	-
			Evaluation of germplasm of MAPs	Medicinal & Aromatic plants germplasm	Number	5	100	90	80	70	60	90	90	4.5	100.00	-
			Hybridization, generation advancement, selection and yield evaluation of breeding lines of mandate MAPs	Crosses made	Number	5	25	22	18	16	14	18	80	4.0	81.81	Seeds were not obtained in four crosses that were damaged by birds in Ashwagan dha

To carry out those basic researches on the chosen crops, which are useful to develop their Good Agricultural Practices (GAP)			Breeding lines/selections advanced	Number	5	134	125	110	105	100	134	100	5.0	107.20	
			Breeding lines evaluated	Number	5	15	14	13	12	10s	15	100	5.0	107.14	
	30	Work out the soil health status of DMAPR farm	Soil sample analyzed	Number	5	45	40	35	30	25	45	100	5.0	112.5	
		Carry out germination studies in medicinal and aromatic plants	Medicinal plants studied	Number	3	3	2	1	-	-	3	100	3.0	150	
		Isolation of non obligate pathogen in Medicinal and Aromatic plants	Medicinal plants	Number	2	2	1	-	-	-	2	100	2.0	200	
		Investigation of the role of predisposition factors in incidence of downey mildew of isabgol.	Predisposition factors	Number	2	2	1	-	-	-	1	90	1.80	100	
		Determine engineering properties of isabgol seed/grain relevant to dehusking	Engineering properties	Number	3	5	4	3	2	1	4	90	2.70	100	
		Extract and isolate the pure compounds	Extracts prepared	Number	3	4	3	2	1	-	4	100	3.0	133	
	Compound isolated and		Number	2	8	7	6	5	4	8	100	2.0	114		

To coordinate the activities of the centres of AINRP on Medicinal & Aromatic Plants and Betelvine located in various agro-climatic zones of India.	12	from different extracts of the roots of <i>E. axilare</i>	purified												
		Develop a HPLC and HPTLC methods for detection of isolated bioactive compounds	Method developed	Number	3	5	4	3	2	0	5	100	3.0	125	
		Strengthening of herbal gardens network	New herbal gardens	Number	5	10	9	8	7	6	10	100	5.0	110	
		Record of major pests and their natural enemies associated with Isabgol & Ashwagandha	Pests and natural enemies	Number	2	3	2	1	-	-	2	90	1.8	100	
		Conduct experiments in AICRPMAP & B centres for development of region specific technologies	Experiments conducted	Number	12	100	90	80	70	60	100	100	12.0	110	

To provide planting material and technical know-how generated for further testing and refinement by the centres of the co-ordinated project and DMAPR.	13	Production of seeds of asalio, isabgol, ashwagandha	Quantity of seeds produced	Kg	8	3000	2500	2000	1500	1000	2900	98	7.84	116	
		Production of planting material of aloe, lemongrass, palmrosa, guggle	Planting materials produced	Number	5	90,000	80,000	75,000	70,000	50,000	89,000	99	4.95	111.25	
Efficient Functioning of the RFD System Preparation of RFD document	11	Timely submission of RFD for 2011-12	On-time submission	Date	2%	March 31 2012	April 3 2012	April 4 2012	April 15 2012	April 6 2012	March 31 2012	0	0		
		Timely submission of Results for 2011-12	On-time submission	Date	1%	May 1 2012	May 3 2012	May 4 2012	May 5 2012	May 6 2012	May 23 2012	0	0		
		Finalize a Strategic Plan for RC	Finalize the Strategic Plan for next 5 years	Date	2%	Dec. 10 2011	Dec. 15 2011	Dec. 20 2011	Dec. 24 2011	Dec. 31 2011	Dec. 10 2011	100	2.0		
		Identify potential areas of corruption related to organisation activities and develop an action plan to mitigate them	Finalize an action plan to mitigate potential areas of corruption.	%	2%	Dec. 10 2011	Dec. 15 2011	Dec. 20 2011	Dec. 24 2011	Dec. 31 2011	Dec. 10 2011	100	2.0		

		Implementation of Sevottam	Create a Sevottam compliant system to implement, monitor and review Citizen's Charter	Date	2%	Dec. 10 2011	Dec. 15 2011	Dec. 20 2011	Dec. 24 2011	Dec. 31 2011	Dec. 10 2011	100	2.0		
			Create a Sevottam Compliant system to redress and monitor public Grievances	Date	2%	Dec. 10 2011	Dec. 15 2011	Dec. 20 2011	Dec. 24 2011	Dec. 31 2011	Dec. 10 2011	100	2.0		

Total Composite Score: 94.14
Rating: Very Good

Procedure for computing the Weighted and Composite Score

1. **Weighted Score of a Success Indicator = Weight of the corresponding Success Indicator x Raw Score / 100**
2. **Total Composite Score = Sum of Weighted Scores of all the Success Indicators**