

**Annual (April 1, 2012 to March 31, 2013) Performance Evaluation Report in respect of RFD 2012-2013 of RSCs i.e. Institutes**

**Name of the Division:** Crop Science  
**Name of the Institution:** Directorate of Maize Research, New Delhi  
**RFD Nodal Officer:** Dr. Pradyumn Kumar (up to 22.11.2013), Dr. Ishwar Singh (w.e.f. 23.11.2013)

S.No.	Objectives	Weight (%)	Actions	Success Indicators	Unit	Weight (%)	Target / Criteria Value					Achievement in 2012-13	Performance		Percent achievement against target values of 90% col.	Reason for shortfall or excessive achievement if applicable
							Excellent 100%	Very Good 90%	Good 80%	Fair 70%	Poor 60%		Raw score	Weighted score		
1	Enhancement of germplasm and development of improved cultivars for increasing productivity and nutritional value of maize crop with economic and environmental sustainability through basic, strategic and applied research	35	Collection of maize accessions	Procurement of germplasm	No.	5	250	200	150	100	50	485	100	5	242%	Four more breeders joined the Directorate in the preceding year, hence procured more germplasm from NBPGR/ CIMMYT for evaluation.
			Evaluation of maize germplasm	Lines evaluated	No.	10	1300	1200	1100	1000	900	2985	100	10	248%	Due to availability of more germplasm lines, higher number of lines was evaluated.
			Selection of germplasm lines for desirable traits	Lines selected with specific traits	No.	5	400	350	300	250	200	446	100	5	127%	Evaluation of higher number of lines, led to selection of more lines with specific traits.
			Hybrid development of normal and specialty maize	Crosses attempted	No.	10	1000	900	800	500	300	1252	100	10	139%	Due to availability of higher number of fixed and superior inbred lines, more crosses were attempted.
			Hybrids/ varieties entered in coordinated trials	Hybrids/ varieties entered	No.	2	5	4	3	2	1	3	80	1.6	75%	NA
			Use of molecular markers for maize improvement	Markers used for characterization and improvement	No.	3	200	150	100	50	30	150	90	2.7	100%	NA
2	Development and identification of appropriate varietal technologies for varied agro-climatic zones through multi-disciplinary and multi-location coordinated research	15	Constitution of multi-disciplinary and multi-location trials	Trials constituted	No.	6	65	60	50	45	40	60	90	5.4	100%	NA
			Monitoring and evaluation of trials	Centres monitored and evaluated	No.	3	28	25	23	21	19	39	100	3	156%	The performance of some of the centres was to be scaled up, hence more frequently monitored.
			Compilation, analysis and preparation of report	Report preparation	No.	6	4	3	2	1	0	6	100	6	200%	Two documents i.e. Vision 2050 and QRT report was not included as these are not regular features.

3.	Development and dissemination of maize production and protection technologies	38	Experiments for management of biotic/abiotic stresses	Experiments conducted	No.	17	12	10	8	7	5	12	100	17	120%	This is equivalent to achievement mentioned in 100 % column
			Training/s conducted	Training conducted	No.	4	6	5	4	3	1	7	100	4	140%	Tribal sub plan (TSP) was implemented by DMR in tribal populated states in India.
			Organizing and monitoring of demonstrations	Demonstrations conducted and monitored	No.	4	100	75	50	25	0	75	90	3.6	100%	NA
			Organization of exhibitions	Exhibitions organized (3)	No.	2	4	3	2	1	0	3	90	1.8	100%	NA
			Undertaking consultancy services/ contractual research	Consultancy provided/ Contractual research undertaken	No.	2	4	3	2	1	0	2	80	1.6	75%	NA
			Conservation agriculture in maize based cropping systems	Systems evaluated	No.	6	4	3	2	1	0	4	100	6	133%	This is equivalent to achievement mentioned in 100 % column
			Input and weed management	Experiments conducted	No.	3	5	4	3	2	1	5	100	3	125%	This is equivalent to achievement mentioned in 100 % column

**Mandatory success indicators (For 2012-13)**

	Objective	Actions	Success Indicator	Unit	Weight (%)	Target/Criteria value					Achievement in 2012-13	Raw score	Weighted score
						Excellent	Very Good	Good	Fair	Poor			
						100%	90%	80%	70%	60%			
1	Efficient Functioning of the RFD System	Timely submission of RFD for 2012-13	On-time submission	Date	2	23/03/12	26/03/12	27/03/12	28/03/12	29/03/12	23/03/2012	100	2
		Timely submission of Results for 2012-13	Timely submission of results for 12-13	Date	1	01/05/13	02/05/13	03/05/13	06/05/13	07/05/13	01/05/2013	100	1
2	Administrative reforms	Implement ISO 9001	Prepare ISO 9001 action plan	Date	1	01/05/13	02/05/13	03/05/13	06/05/13	07/05/13	-	0	0
			Implementation of ISO 9001 action plan	Date	2	25/03/13	26/03/13	27/03/13	28/03/13	29/03/13	23/03/2013	0	0
		Implement mitigating strategies for reducing potential risk of corruption	% of Implementation	%	2	100	95	90	85	80	100%	100	2
3	Improving Internal Efficiency /responsiveness service delivery of Ministry /Department	Implementation of Sevottam	Independent Audit of Implementation of citizen's charter	%	2	100	95	90	85	80	100%	100	2
			Independent Audit of Implementation of public grievances redressal system	%	2	100	95	90	85	80	100%	100	2

**Total Composite Score: 94.7  
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**