

**Results Framework Document  
(RFD)**

**Achievements**

**for**

**National Research Centre on Plant Biotechnology,  
New Delhi  
(2013-14)**

**Nodal Officer**

**Dr PK Mandal,  
Principal Scientist,  
NRCPB, New Delhi**

## Annual (April 1, 2013 to March 31, 2014) Performance Evaluation Report in respect of RFD 2013-2014 of RSCs i.e. Institutes

Name of the Division: **Crop Science**

Name of the Institution: **National Research Centre for Plant Biotechnology, New Delhi**

RFD Nodal Officer of the RSC : **Dr P. K. Mandal**

S. N.	Objectives	Wt	Actions	Success Indicators	Unit	Wt	Targets/ criteria value							Percent Achievements against target value of 90% col.	Reasons for shortfall or excess achievements, if applicable		
							Excellent	V. Good	Good	Fair	Poor	Achievement	Raw score			Weighted score	
							100	90	80%	70%	60%						
1.	Strengthening frontier molecular biology research for enhancing agricultural production and productivity	65	Generation of genomic resources base for gene discovery and crop genetic enhancement	Generation of genomic resources by whole genome sequencing	Mb	12	170	161	145	120	100	200	100	12	124.2		
				Development of EST sequences in important crops and microbes under different stress conditions.	Mb	12	440	405	350	300	250	600 <sup>#</sup>	100	12	148.1		
				Identification and isolation of useful genes and promoters for the development of transgenics	Mapping of agronomically important QTLs and genes in mandate crops.	Number	7	7	6	5	4	3	8	100	7	133.3	
					Cloning and characterization of important genes for use in crop	Number	12	12	11	9	7	5	12	100	12	109.1	

			improvement													
			Designing of constructs for transgenic developments	Number	12	5	4	3	2	1	5	100	12	125.0		
			Maintenance and up gradation of GM crop & Plant genome database at NRCPB.org	Volume of data added as genomic and EST resources	Number ( lakhs)	10	20	19	16	13	10	40 <sup>#</sup>	100	10	210.1	
2	Capacity building in Plant Biotechnology	24	Human resource development	M. Sc. Degree awarded	Number	9	5	4	3	2	1	4	100	9	100	
				Ph.D. Degree awarded	Number	9	6	5	4	3	2	3*	70	6.3	60	
				Long term trainees (training on plant biotechnology research at NRCPB)	Number	6	40	36	30	25	20	38	95	5.7	105.6	
	Efficient functioning of RFD system	3	Timely submission of Draft 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	15/05/2013	100	2		
			Timely submission of Results for RFD (2012-13)	On-time submission	Date	1	01/05/2013	02/05/2013	05/05/2013	06/05/2013	07/05/2013	01/05/2013	100	1		
	Administrative Reforms	4	Implement ISO 9001 as per the approved action plan.	% Implementation	%	2	100	95	90	85	80	100	100	2		
			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	17/08/2013**	83	1.66		

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	100	100	2		
			Independent Audit of implementation of public grievance redressal system	%	2	100	95	90	85	80	100	100	2		
<b>Composite Score</b>												<b>95.76</b>			

**Rating: Excellent**

**#: Due to new and next generation highthroughput sequencing technologies**

**\*: though five students have submitted their Ph. D thesis, the evaluation process (which is beyond the control of the Institute) was complete only for three students and hence only three were awarded degree.**

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