

# **Results Framework Document**

**(RFD)**

**Achievements**

**for**

**National Research Centre on Plant Biotechnology,**

**New Delhi**

**(2011-12)**

**Nodal Officer**

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

**Annual (April, 2011 to March 31, 2012) Performance Evaluation Report in respect of RFD 2011-12 of RSCs**

**Name of the Division: Crop Science**

**Name of the Institute: National Research Centre on Plant Biotechnology, Pusa Campus, New Delhi**

**RFD Nodal Officer: Dr. P. K. Mandal**

S. N.	Objective	Wt	Action	Success Indicators.	Unit	Weight	Target criteria value					Achiev ement	Raw score	Weighted score
							Exce llent	V. Good	Good	Fair	Poor			
							100	90	80	70	60			
1.	Strengthening frontier molecular biology research for enhancing agricultural production and productivity	50	Generation of genomic resources base for gene discovery and crop genetic enhancement	ILLUMINA sequence runs of wheat chromosome 2A	Gb data	15	100	90	80	70	60	<b>238</b>	<b>100%</b>	<b>15</b>
				A draft sequence of pigeonpea genome using 454-FLX chemistry	Gb data	12	12	10	8	6	4	<b>12 Gb</b>	<b>100%</b>	<b>12</b>
				A draft sequence of the chickpea rhizobium M. ciceri strain Ca181	Mb data	11	6	5	4	3	2	<b>6.2</b>	<b>100%</b>	<b>11</b>
				Identification of stress responsive ESTs in mandate crops	Number	9	10000	8000	6000	4000	2000	<b>51324</b>	<b>100%</b>	<b>9</b>
			Maintenance and upgradation of GM crop & Plant genome database at NRCPB.org	Date	3	31/8/11	31/10/11	31/12/11	31/1/12	28/2/2012	<b>31/08/11</b>	<b>100%</b>	<b>3</b>	

2	Development of transgenics	20	Development and evaluation of fruit and shoot borer resistant brinjal variety Pusa Hybrid 6	Production of hybrids and their testing for insect resistance	Date	10	31/12/11	31/1/12	28/2/12	15/3/12	31/3/12	<b>31/01/12</b>	<b>90%</b>	<b>9</b>
			Development of transgenic mustard for increasing seed size and oil content	Transgenic mustard for a set of genes	Number	10	4	3	2	1	0	<b>4</b>	<b>100%</b>	<b>10</b>
3	Intellectual property protection and commercialization of molecular biology tools	10	Protection of intellectual property related to novel genes promoters and technologies for crop improvement	Filing of application for patent protection of innovations	Number	5	5	4	3	2	1	<b>4</b>	<b>90%</b>	<b>4.5</b>
				Research publication in high impact journals	Number	5	15	12	10	8	6	<b>15</b>	<b>100%</b>	<b>5</b>
4	Capacity building in Plant Biotechnology	9	Human resource development	M. Sc.	Number	2	6	5	4	3	2	<b>9</b>	<b>100%</b>	<b>2</b>
				Ph.D.	Number	2	3	2	1	0	0	<b>2</b>	<b>90%</b>	<b>1.8</b>
				Long term trainees	Number	5	50	40	30	20	10	<b>50</b>	<b>100%</b>	<b>5</b>
5	Efficient functioning of RFD system	11	Timely submission of draft for approval	On time submission	Date	4	30/3/2011	1/4/2011	2/4/2011	3/4/2011	4/4/2011	30/3/2011	<b>100%</b>	<b>4</b>
			Timely submission of results	On time submission	Date	3	31/03/2012	01/04/2012	02/04/2012	03/04/2012	04/04/2012	23/03/2012	<b>100%</b>	<b>3</b>
			Finalize a strategic plan	Finalize the strategic plan for next year	Date	4	31/03/2012	01/04/2012	02/04/2012	03/04/2012	04/10/2012	23/03/2012	<b>100%</b>	<b>4</b>

**Composite Score= 98.3%**

#### 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**