

Annual (April 1,2011 to March 31, 2012) Performance Evaluation Report of RSCs i.e. Institutions for the year 2011-2012

Name of the Division: Crop Science

Name of the Institution: Central Institute for Cotton Research, Nagpur

RFD Nodal Officer: Dr. M.V. Venugopalan

Objective	Weight	Action	Success Indicator	Unit	Weight	Target/ Criteria Value					Achievements	Performance	
						Excellent	Very Good	Good	Fair	Poor		Raw Score	Weighted Score
						100%	90%	80%	70%	60%			
1. To conduct research for discovering and developing new genetic material for enhancing yield, stress tolerance, input use efficiency and fibre quality of cotton.	47	Augmentation, collection, characterization and utilization of cotton genetic resources	Germplasm accessions including perennials / land races added to cotton gene bank	number	3	62	56	50	45	40	67	100	3
			Germplasm accessions maintained	number	4	1100	1000	900	800	700	1185	100	4
			Germplasm lines characterized through DUS	number	2	380	350	315	280	245	350	90	1.8
			Genotypes characterized through DNA finger printing	number	2	35	30	26	22	20	39	100	2
		Evaluation of cotton genetic resources/ improved varieties for suitable crop husbandry practices	Number of germplasm lines evaluated for adaptability and stress response	number	5	560	520	460	410	360	580	100	5
			Number of advance breeding material evaluated for adaptability and stress response	number	3	8	8	7	6	5	19	100	3
		Discovery of novel genes to combat stress and improve fibre quality /	New genes discovered	number	4	7	5	4	3	2	6	95	3.8
			New transgenic events developed and registered	number	6	9	8	7	6	5	37	100	6

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		production	with RCGM												
			Molecular markers evaluated	number	3	12	10	9	8	7	12	100	3		
			Molecular markers validated	number	1	2	1	0	0	0	2	100	1		
			Lines developed through marker assisted breeding	number	1	2	1	0	0	0	0	0	0		
			Development of improved varieties to suit diverse cotton production ecologies / situations	Advanced cultures developed	number	2	22	20	18	16	14	58	100	2	
			Number of promising cultures sponsored for AICCIP	number	3	12	10	9	8	7	34	100	3		
			Number of varieties released / proposals submitted	number	1	2	1	0	0	0	2	100	1		
			Development / identification of novel / promising germplasm / genetic stock / breeding lines	Germplasm / genetic stock / breeding lines registered with NBPGR	number	2	6	5	4	3	2	1	0	0	
				Varieties / hybrids registered with PPV & FRA	number	1	2	1	0	0	0	2	100	1	
			Production of nucleus / breeder 's seeds of cotton / formulations	Quantity of nucleus seed produced	kg	2	12	10	9	8	7	25	100	2	
				Quantity of breeder seed produced	kg	2	111	100	90	80	70	500	100	2	
		2. To develop efficient, eco-friendly crop husbandry tools for improved cotton genotypes for diverse agro-ecologies	42	Crop husbandry tools for improved cotton varieties / hybrids	Production technologies developed	number	5	4	3	2	1	0	4	100	5
					Implements designed / fabricated/ tested and validated	number	4	3	2	1	0	0	6	100	4
					Simulation/ stochastic / prediction / forecasting models	number	3	3	2	1	0	0	2	90	2.7

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		Tools of suppression of stresses due to biotic and abiotic factors	Districts monitored for insect pest / disease infestation	number	6	40	38	34	30	24	40	100	6
			Districts monitored for insect resistance to insecticides and Bt toxins	number	6	40	38	34	30	24	40	100	6
			New crop protection technologies developed.	number	6	10	8	6	4	2	10	100	6
			Techniques to combat abiotic stresses, drought, water logging, salinity/ alkalinity / leaf reddening / high temperature etc.	number	4	8	7	6	5	4	7	90	3.6
		Products / processes disseminated, commercialized and patents filed	Technologies disseminated	number	4	7	6	5	4	2	8	100	4
			Products / processes commercialized	number	2	2	1	0	0	0	2	100	2
			Patents filed	number	2	2	1	0	0	0	0	0	0
		*Efficient functioning of the RFD System	11	Timely submission of draft for approval	On-time submission	date	2	10/06/11	14/06/11	16/06/11	20/06/11	22/06/11	10-06-2011
Timely submission of results	On- time submission			date	1	01/05/12	03/05/12	04/05/12	05/05/12	06/05/12	01-05-2012	100	1
Finalize a strategic plan for RSC	Finalize the strategic plan for next five years			date	2	10/12/11	15/12/11	20/12/11	24/12/ 11	31/12/ 11	10-12-2011	100	2
Identify potential areas of corruption related to organization activities and develop an action plan to mitigate	Finalize an action plan to mitigate potential areas of corruption			date	2	10/12/11	15/12/11	20/12/11	24/12/ 11	31/12/ 11	10-12-2011	100	2

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		them											
		Implementation of Sevottam	Create a Sevottam compliant system to implement, monitor and review Citizen's Charter	date	2	10/12/11	15/12/11	20/12/11	24/12/11	31/12/11	10-12-2011	100	2
			Create a Sevottam compliant system to redress and monitor public grievances	date	2	10/12/11	15/12/11	20/12/11	24/12/11	31/12/11	10-12-2011	100	2

Total Composite Score: 93.9

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**

Rating : Very Good