

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 : National Research Centre for Banana, Tiruchirapalli- 620 102 Tamil Nadu
RFD Nodal Officer : Dr. P.Sundararaju, Principal Scientist, NRC Banana, Trichy

Objective	Weight	Action(s)	Success Indicator (s)	Unit	Weight	Target/Criteria Value					Achievements	Performance		Per cent achievements against target values of 90% Column
						Excellent	Very Good	Good	Fair	Poor		Raw Score	Weighted score	
						100 %	90 %	80%	70%	60 %				
1.Collection, conservation, evaluation of genetic resources and development of improved hybrids with resistance to biotic and abiotic stresses	25	1) Enrichment of banana genetic resources	Number of germplasm collected, evaluated and conserved	No.	6	30	26	24	21	18	25	85	5.1	96
			Production and supply of germplasm and plant material	No.	4	500	450	400	350	300	400	80	3.2	88.9
			Morphotaxonomic and molecular characterization	No.	3	12	10	10	6	4	10	80	2.4	100
		2) Development of new/ improved varieties and hybrids	Improvement of varieties through biotechnological approach	No.	7	10	8	5	3	2	8	90	6.3	100
			Development and evaluation of mutants and application of molecular markers	No.	5	8	6	4	3	2	4	80	4.0	66.7
2.Production system management with adoption of high density planting of banana with minimal use of water, nutrients	25	Development of production technology and value added products in banana	Production technologies through high density and organic manure for quality production and yield	Wt t/ha	6	35	30	25	20	15	25	80	4.8	83.3
			Development of fertilizer adjustment equations for banana	No.	7	5	4	3	2	1	4	90	6.3	100
			Identification of physiological traits for salt/ drought tolerance	No.	7	12	10	8	6	4	6	70	4.9	75

3. Plant health management utilizing diagnosing, bio-intensive management of pests and diseases	29		Identification of Nematode resistant compounds through HPLC	No.	5	12	8	6	4	2	7	85	4.25	87.5
		Development of eco-friendly technology for effective management of biotic stress.	Identification of effective control agents against banana aphids and weevils.	No.	8	10	9	8	7	6	8	80	6.4	88.9
		Development of nematode resistant gene sources and effective management of biotic stress	Identification of nematode resistant gene sources and effective bio-agents for the suppression of nematodes	No.	5	8	7	6	5	4	6	80	4.0	85.7
		Genetic diversity analysis of Indian Foc isolates and M.Eumusae	Identification of group of strains among the Foc and M.Eumusae isolates of India	No.	4	10	8	6	4	2	8	90	3.6	100
		Evaluation of Trichoderma spp. against Fusarium wilt and Sigatoka leaf spot diseases	Identification of effective microbes/ mutant for the management of fusarium wilt and Sigatoka leaf spot diseases of banana	No.	4	12	10	9	8	7	9	80	3.2	90
		Management of banana viruses	Putative transgenic lines developed	No.	4	10	8	6	4	2	6	80	3.2	75
			No. of virus isolates characterized molecularly	No.	2	6	5	4	3	2	4	80	1.6	80
		Production of virus free healthy mother plants for important varieties	No.	2	600	540	480	420	360	600	100	2.0	111	
4. Post harvest management and value addition besides commercialization of technologies and promoting public-private partnership			Technologies /Methodologies /Processes and value added products developed	No.	6	8	6	4	3	2	4	80	4.8	66.7
			Organizing training, demonstration, workshop, TV programme, video conferences	No.	4	10	8	6	4	2	6	80	3.2	75

Efficient functioning of the RFD system	11	Timely submission of RFD for 2011-12	On-time submission	Date	2%	June 10, 2011	June 14, 2011	June 16, 2011	June 20, 2011	June 22, 2011	June 10, 2011	100	2.0	-
-do-	-do-	Timely submission of Results for 2011-12	On-time submission	Date	1%	May 1 2011	May 3 2011	May 4 2011	May 5 2011	May 6 2011		0	0	-
-do-	-do-	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	-
-do-	-do-	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.	Date	2%	Dec. 10 2011	Dec. 15 2011	Dec. 20 2011	Dec. 24 2011	Dec. 31 2011	Dec. 10 2011	100	2.0	-
-do-	-do-	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	
-do-	-do-		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 Rating:												83.25	Good	