

ANNUAL ACHIEVEMENTS (2012-13)

Name of the Division: Horticulture

Name of the Institution: Indian Institute of Spices Research, Kozhikode, Kerala

Name of RFD Nodal Officer: Dr. V. Srinivasan

Performance Evaluation (April 2012 – March 2013)

Objective	Weight	Action	Success indicator	Unit	Weight	Target / Criteria Value					Achievement*	Raw Score (%)	Weighted raw score (%)	% achievements against Target values of 90% Col.
						Excellent	Very Good	Good	Fair	Poor				
						100%	90%	80%	70%	60%				
1. Strengthening frontier research areas	10.0	Strengthening of infrastructure of institution - Establishment of Data Centre facility	Timeliness of completion	Date	5.0	31/10/2012	15/11/2012	30/11/2012	15/12/2012	30/12/2012	Work not completed	-	0.0	0
		Elucidating biochemical and molecular mechanism of Ralstonia resistance in <i>Curcuma amada</i>	Timeliness of completion	Date	5.0	31/8/2012	15/9/2012	30/9/2012	15/10/2012	31/10/2012	15/8/2012	100	5.0	111
2. Conservation of Genetic resources/ germplasm for sustainable use	15.0	Collection, conservation and cataloguing of genetic resources of spices, biocontrol agents etc for sustainable use	Number of germplasm accessions characterized and catalogued	Number	5.0	150	100	80	60	40	250	100	5.0	150
		Development of core collections in Black pepper	Number of core collections through morphological markers	Number	10.0	100	75	50	30	20	75	90	9.0	100
3. Production management by improving soil and plant health	20.0	Optimization of location specific horticultural/ INM/ IPM technology management for spices	Number of technologies developed/ tested/ validated on Horticulture/INM	Number	10.0	3	2	1	-	-	3	100	10.0	150
			Number of technologies developed/ tested/ validated on IPM/IDM	Number	10.0	3	2	1	-	-	3	100	10.0	150
4. Enhancing productivity of spices	10.0	Production of breeder seed/ planting materials in black pepper and nutmeg	Annual Quantity planting material produced	Number ('000s)	5.0	100	80	70	60	40	80	90	4.5	100
		Production of breeder seed/ planting materials in Ginger and turmeric	Annual Quantity of seed rhizomes produced	('000 kg)	5.0	8	6	4	3	2	5	85	4.25	83
5. Development of disease diagnostics and value addition in spices	10.0	Development of diagnostics / value added products and identification of potential nutraceuticals	Number of diagnostics/ value added products in spices and <i>in silico</i> identification of novel nutraceutical compounds	Number	10.0	5	4	3	2	1	4	90	9.0	100

6. Strengthening of extension system (TOT)	15.0	Trainings and demonstrations	Number of demonstration plots/ exhibitions	Number	3.0	15	10	8	5	2	25	100	3.0	250
			Number of trainees trained (farmers/ Agrl. officers and others)	Number	5.0	500	400	300	200	100	500	100	5.0	125
		Extension through printed and electronic media	Publication of extension booklets/ field seminars / agroclinics/ radio talks video films	Number	5.0	25	20	15	10	5	50	100	5.0	250
		Development of databases/ Software's	Developing expert systems/ databases on spices	Number	2.0	4	3	2	1	-	4	100	2.0	133
7. Commercialization of technologies developed and promoting public-private partnership	3.0	Partnership development, including licensing of ICAR technologies	Number of partners (private sector) Identified for technology (Bio control, Tissue culture multiplication, ATL) commercialization	Number	3.0	4	3	2	1	-	3	90	2.7	100
8. Strengthening of Higher education/ HRD	5.0	Training and Higher education	Training in national/ international labs/ Ph.D, Post M.Sc, M.Sc dissertations/ Trainings	Number	5.0	12	8	6	5	3	8	90	4.5	100
9. Effective functioning of the RFD system	3.0	Timely submission of RFD for 2012-13	On-time submission	Date	2.0	April 3, 2012	April 4, 2012	April 5, 2012	April 10, 2012	April 15, 2012	April 4, 2012	0	0	
		Timely submission of Results for 2012-13	On-time submission	Date	1.0	May 1 2013	May 2 2013	May 5 2013	May 6 2013	May 7 2013	May 2 2013	90	0.9	
Administrative Reforms	5.0	Implement ISO 9001	Prepare ISO 9001 action plan	Date	1.0	June 4 2012	June 5 2012	June 6 2012	June 7 2012	June 8 2012	June 5 2012	90	0.9	
			Implementation of ISO 9001 action plan	Date	2.0	March 25 2013	March 26 2013	March 27 2013	March 28 2013	March 29 2013	March 26 2013	90	1.8	
			Implement mitigating strategies for reducing potential risk of corruption	% of implementation	2.0	100	95	90	85	80	100	100	2.0	
Improving Internal Efficiency / responsiveness / service delivery of Ministry / Department	4.0	Implementation of Sevottam	Independent audit of implementation of Citizen's Charter	%	2	100	95	90	85	80	100	100	2.0	
			Independent audit of implementation of public grievance redressal system	%	2	100	95	90	85	80	100	100	2.0	
						Total Composite Score Rating:							88.55	Very Good

*The list of achievements are attached in Annexure-I