

ANNUAL ACHIEVEMENTS (2011-12)

Name of the Division: Horticulture
Name of the Institution: Indian Institute of Spices Research, Kozhikode, Kerala
RFD Nodal Officer: Dr. V. Srinivasan, IISR, Kozhikode

Performance Evaluation (April 2011 – March 2012)

Objective	Weight	Action	Success indicator	Unit	Weight	Target / Criteria Value					Achievement*	Raw Score (%)	Weighted raw score (%)
						Excellent	Very Good	Good	Fair	Poor			
						100%	90%	80%	70%	60%			
1. Strengthening frontier research areas - Interdisciplinary approach for Management of <i>Phytophthora</i> diseases	15.0	Strengthening of infrastructure of institution - Establishment of central instrument facility	Timeliness of completion	Date	5.0	31/7/2011	15/8/2011	31/8/2011	15/9/2011	30/9/2011	31/7/2011	100	5.00
		Whole Genome sequencing of <i>Phytophthora capsici</i>	Timeliness of completion	Date	5.0	31/7/2011	15/8/2011	31/8/2011	15/9/2011	30/9/2011	31/7/2011	100	5.00
		Transcriptome sequencing of <i>Piper colubrinum</i> challenged with <i>Phytophthora</i> for resistance	Timeliness of completion	Date	5.0	31/10/2011	15/11/2011	30/11/2011	15/12/2011	31/12/2011	15/11/2011	90	4.50
2. Conservation of Genetic resources/ germplasm for sustainable use	15.0	Collection and conservation of genetic resources of spices, biocontrol agents etc for sustainable use	Number of germplasm accessions added to Gene Bank and documented	Number	10.0	120	100	80	60	40	236	100	10.0
		Development of core collections in cardamom	Number of core collections through SSR markers	Number	5.0	75	50	30	20	10	95	100	5.0
3. Production management by improving soil and plant health agricultural processing	10.0	Optimization of location specific horticultural/ INM/ IPM technology management	Number of technologies developed/ tested/ validated	Number	10.0	4	3	2	1	-	3	90	9.0
4. Enhancing productivity of spices	15.0	Production of breeder seed/ planting materials in black pepper and nutmeg	Annual Quantity planting material produced	Number ('000s)	10.0	150	125	100	75	50	128	91.2	9.12
		Production of breeder seed/ planting materials in Ginger and turmeric	Annual Quantity of seed rhizomes produced	('000 kg)	5.0	8	6	5	4	2	4	70	3.5
5. Development of disease	10.0	Development of diagnostics / value added	Number of diagnostics/ value added products in spices and	Number	10.0	4	3	2	1	-	3	90	9.0

diagnostics and value addition in spices		products and identification of potential nutraceuticals	<i>in silico</i> identification of novel nutraceutical compounds										
6. Strengthening of extension system (TOT)	15.0	Trainings and demonstrations	Number of demonstration plots/ exhibitions	Number	5.0	10	8	6	4	2	19	100	5.0
			Number of trainings to farmers/ Agrl. officers and others	Number	5.0	20	15	10	8	5	18	96	4.8
		Extension through printed and electronic media	Publication of extension booklets/ field seminars / agroclinics/ radio talks video films	Number	5.0	20	15	10	5	2	30	100	5.0
7. Commercialization of technologies developed and promoting public-private partnership	5.0	Partnership development, including licensing of ICAR technologies	Number of partners (private sector) Identified for technology (Bio control, Tissue culture multiplication, Certified nurseries, ATL) commercialization	Number	3.0	4	3	2	1	-	2	80	2.4
		Licensing stake holders for seed rhizome multiplication	Number of licensees identified and authorized for seed production	Number	2.0	5	4	3	2	1	9	100	2.0
8. Strengthening of Higher education/ HRD	4.0	Training	In international/ national labs	Number	2.0	3	2	1	-	-	3	100	2.0
		Higher education	Ph.D, Post M.Sc, M.Sc dissertations/ Trainings	Number	2.0	10	8	6	4	2	14	100	2.0
9. Effective functioning of the RFD system	11.0	Timely submission of RFD for 2011-12	On-time submission	Date	2.0	June 10, 2011	June 14, 2011	June 16, 2011	June 20, 2011	June 22, 2011	June 10 2011	100	2.0
		Timely submission of Results for 2011-12	On-time submission	Date	1.0	May 1 2012	May 3 2012	May 4 2012	May 5 2012	May 6 2012	April 16, 2012	100	1.0
		Finalize a Strategic Plan for Institute	Finalize the Strategic Plan for next 5 years	Date	2.0	Dec. 10 2011	Dec. 15 2011	Dec. 20 2011	Dec. 24 2011	Dec. 31 2011	Dec 10, 2011	100	2.0
		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	2.0	Dec. 10 2011	Dec. 15 2011	Dec. 20 2011	Dec. 24 2011	Dec. 31 2011	Dec 10, 2011	100	2.0
		Implementation of Sevottam	Create a Sevottam compliant system to implement, monitor and review Citizen's Charter	Date	2.0	Dec. 10 2011	Dec. 15 2011	Dec. 20 2011	Dec. 24 2011	Dec. 31 2011	Dec 10, 2011	100	2.0
Create a Sevottam Compliant system to redress and monitor public Grievances	Date		2.0	Dec. 10 2011	Dec. 15 2011	Dec. 20 2011	Dec. 24 2011	Dec. 31 2011	Dec 10, 2011	100	2.0		
Composite Score												94.32	

*The list of achievements are attached in Annexure-I

Rating : Very Good