

Annual (April 1, 2012-March 31, 2013) Performance Evaluation Report of NRCP Solapur for the year 2012-13.

Name of the Division: Horticulture

Name of the Institution: National Research centre on Pomegranate Solapur

RFD Nodal Officer: Dr K.K. Sharma

Objectives	Weight	Action	Success Indicators	Unit	Weight	Targets/Criteria value					Achievements	Performance	
						Excellent 100 %	Very Good 90%	Good 80%	Fair 70%	Poor 60%		Raw score	Weighted score
1. Develop high yielding varieties with good quality fruits and resistance to biotic and abiotic stresses.	30	Germplasm enhancement	PGR maintained	Number	5	40	30	20	15	10	40	100	5
		Mutation breeding for varietal improvement	Mutants evaluated	Number	10	50	40	20	30	10	50	100	10
		Evaluation of germplasm for yield and quality parameters	Germplasm/hybrids/selections evaluated	Number	5	30	20	15	10	5	30	100	5
		Hybridization in pomegranate for better quality and resistance to bacterial blight.	Successful crosses obtained	Number	5	5	4	3	2	1	5	100	5
		Screening of germplasm accessions/ hybrids resistant to bacterial blight (BB) and wilt	Germplasm accessions/ hybrids screened	Number	5	200	175	150	125	100	200	100	5
2. Technology for sustainable pomegranate production and value addition.	24	Identification of suitable rootstocks against abiotic and biotic stresses	Clonal rootstocks screened	Number	5	25	20	15	10	5	25	100	5
		Mass multiplication of elite genotypes of pomegranate through tissue culture	<i>In vitro</i> Production of tissue culture raised plants	Number	9	500	400	300	200	100		0	0

		Integrated Nutrient Management	Soils revealing optimum nutrient uptake by plants	Number	5	5	4	3	2	1	4	90	4.5
			Evaluation of beneficial microorganisms for enhanced nutrient uptake	Number	5	6	5	4	3	2	5	90	4.5
3. Effective and eco-friendly crop protection.	20	Developing new effective schedules/ important diseases and insect-pests of pomegranate	Different schedules/ formulations for effective management of Blight, spots, wilt and insect-pests.	Date	10	20.3.13	25.3.13	28.3.13	30.3.13	31.3.13	-	0	0
		BB prognosis based on meteorological factors	Development of Bacterial Blight prognosis model	Date	10	21.3.13	24.3.13	26.3.13	28.3.13	30.3.13	21.3.13	100	10
4. Human resource development and technology transfer.	14	Organizing trainings/ demonstrations.	Number of trainings organized	Number	7	6	5	4	3	2	6	100	7
			Number of demonstrations organized	Number	7	5	4	3	2	1	5	100	7
5. Efficient Functioning of RFD	12	Submission of RFD document for 2012-13	Timely submission of RFD	Date	2	23.3.12	26.3.12	27.3.12	28.3.12	29.3.12	16.2.12	100	2
		Submission of RFD achievements for 2012-13	Timely submission of RFD Achievements	Date	1	1.5.13	2.5.13	3.5.13	6.5.13	7.5.13	2.5.13	90	0.9

Total Composite Score: 70.9

Rating: Fair