



**NATIONAL RESEARCH CENTRE ON  
POMEGRANATE**  
(Indian Council of Agricultural Research)  
Solapur-Pune Highway NH-9, Kegaon, Solapur 413 255



Ram Chandra  
Pr. Scientist

F.No.P/RFD 2012-13-Ann.Report/2013/04  
Dated: May 2, 2013

Dr S.K.Malhotra  
Pr.Scientist &RFD Nodal officer(Horticulture)  
Indian Council of Agricultural Research  
Krishi Anusandhan Bhavan-II  
Pusa Campus, New Delhi-110012.

Subject: RFD 2012-13, Annual achievements , NRCP Solapur -reg.

Sir,

Kindly find enclosed herwith the RFD 2012-13 Annual achievements in respect of NRCP Solapur for your kind information and necessary action.

Yours faithfully,

  
(Ram Chandra)  
Pr. Scientist  
I/C Director, NRCP Solapur

*o/c  
Ram Chandra  
Achievements to be sent through e mail also.*

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Annual (April 1, 2012-March 31, 2013) Performance Evaluation Report of NRCP Solapur for the year 2012-13.  
 Name of the Division: Horticulture Division  
 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	100	40	100	5
		Mutation breeding for varietal improvement	Mutants evaluated	Number	10	50	40	20	30	10	100	50	100	10
		Evaluation of germplasm for yield and quality parameters	Germplasm/hybrids/selections evaluated	Number	5	30	20	15	10	5	100	30	100	5
		Hybridization in pomegranate for better quality and resistance to bacterial blight.	Successful crosses obtained	Number	5	5	4	3	2	1	100	5	100	5
2. Technology for sustainable pomegranate production and value addition.	24	Screening of germplasm accessions/ hybrids resistant to bacterial blight (BB) and wilt	Germplasm accessions/ hybrids screened	Number	5	200	175	150	125	100	200	200	100	5
		Identification of suitable rootstocks against abiotic and biotic stresses	Clonal rootstocks screened	Number	5	25	20	15	10	5	100	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	60	36	3.25	

3. Effective and eco-friendly crop protection.	20	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	3	2	5	90
4. Human resource development and technology transfer.	14	Organizing trainings/ demonstrations.	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
			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
5. Efficient Functioning of RFD	12	Submission of RFD document for 2012-13	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	6	23.3.12	26.3.12	27.3.12	28.3.12	29.3.12	16.2.12	100	6
			Timely submission of RFD Achievements	Date	6	1.5.13	2.5.13	3.5.13	6.5.13	7.5.13	2.5.13	90	5.4

**Total Composite Score: 82.65**