



Mahatma Phule Krishi Vidyapeeth, Rahuri

AICRP on Arid Zone Fruits (Fig & Custard apple), Jadhavwadi

1.	Year of Start	: 25 th July 2009
2.	Contact Details	
	Postal Address	: All India Coordinated Research Project on Arid Zone Fruits (Fig & Custard apple), Jadhavwadi, Tal.- Purandar, Dist.- Pune
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3.	Objectives/Mandates	<p>Horticulture</p> <p>Crop Improvement</p> <ul style="list-style-type: none"> • Collection, maintenance and evaluation of the germplasm. • Development of variety suitable for processing. • Standardization of breeding techniques. <p>Crop Production</p> <ul style="list-style-type: none"> • Integrated Nutrient Management, • Organic farming, • Weed management, • Water management, • Growth regulators, • Pruning and bahar technology <p>Processing (Pre-Post Harvest)</p> <ul style="list-style-type: none"> • Technology for pre and post harvest, • Fig- dehydration, jam, latex, burfy and • Custard apple- pulp, powder, burfy, etc. <p>Plant Protection</p> <ul style="list-style-type: none"> • Survey and surveillance. • IPM and IDM <p>Extension Activities</p> <ul style="list-style-type: none"> • Training and Demonstrations
4.	Infrastructure	
	Land	: 20.00 ha.
	Irrigation facilities	: Well, Farm Pond and borewell
	Laboratories	: Facilities available
	Advanced facilities	: Drip irrigation, Farm mechanization

5.	Human Resource Technical Staff	:				
		:	SN	Designation	Discipline	Remarks
			1	Horticulturist	Horticulture	Filled
			2	Plant Pathologist	Plant Pathology	Filled
	Non-Technical Staff	:	3	Sr. Technical Assistant	Horticulture	Filled
			4	Sr. Technical Assistant	Entomology	Vacant
		:	SN	Designation	No of posts	Remarks
			1	Grade I Mazdoor	2	Filled
6.	Research Achievements Varieties	:	02			
7.	Ongoing Research	:	I. Horticulture <ul style="list-style-type: none"> Collection, maintenance and evaluation of the germplasm of Custard Apple and <i>Annona</i> spp. and Fig. Studies on gamma irradiated seeds of Purandar local custard apple. Standardization of NPK dose for fig. Integrated Nutrient Management in Custard apple. Cv. Purandar Local Integrated Nutrient anagement in fig. Cv. Poona Fig. High density planting of fig. Cv. Poona Fig. High density planting of Custard apple. Cv. Phule Purandar. Standardization of production technology in Fig. II. Pathology <ul style="list-style-type: none"> Survey and surveillance of disease occurrence on Fig and Custard apple. Screening of germplasm of Fig and custard apple against various diseases. Epidemiological studies on fig rust. Efficacy of Gamma irradiated chitoson on fig rust 			