



Mahatma Phule Krishi Vidyapeeth, Rahuri

Reorganization of Soil Physicist Zonal Agricultural Research Station, Solapur

1.	Year of Start	:	1933																								
2.	Contact Details	:																									
	Postal Address	:	Chief Scientist, All India Coordinated Research Project for Dryland Agriculture & Associate Director of Research (NARP), Zonal Agricultural Research Station, 97 Raviwar Peth, P.O. Box 207, Near DAV College, Solapur-413 002, Maharashtra, India.																								
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	Fax No.	:	0217-2373209																								
	Email	:	zarssolapur@rediffmail.com, zarssolapur@gmail.com																								
3.	Objectives/Mandates	:	<ul style="list-style-type: none"> Optimize use of natural resources. Stabilize crop production over years by providing alternate crop production technologies to match the weather aberrations. Evolution of dryland technology to optimize the crop production. 																								
4.	Infrastructure	:																									
	Land	:	77.03 ha of which 10 ha area is allotted to NRC for Rabi Sorghum and 2.01 ha land acquired for National Highway																								
	Laboratories	:	Soil and water testing laboratory, Microbiology/Plant Pathology laboratory																								
	Advanced facilities	:	Meteorological observatory (Auto Weather Station)																								
	Instruments and Implements available	:	Tractors, seed drills, Atomic absorption spectro-photometer, International pipette, Auto N Analyser, infiltrometers, Line quantum sensor, SPAD, neutron probe moisture meter, rainout shelter, compound research microscopes, Laminar air flow, Autoclave, Hot air oven, pressure plate apparatus, etc																								
5.	Human Resource	:																									
	Technical Staff	:	<table border="1"> <thead> <tr> <th>SN</th><th>Designation</th><th>Discipline</th><th>Remarks</th></tr> </thead> <tbody> <tr> <td>1</td><td>Associate Professor</td><td>Soil Science & Agril. Chemistry</td><td>Filled</td></tr> <tr> <td>2</td><td>Assistant Professor</td><td>Agronomy</td><td>Vacant</td></tr> <tr> <td>3</td><td>Senior Res. Assistants - 2 Post</td><td>Agronomy</td><td>Filled (Pooled)</td></tr> <tr> <td>4</td><td>Senior Res. Assistants - 1 Post</td><td>Soil Science & Agril. Chemistry</td><td>Filled</td></tr> <tr> <td>5</td><td>Jr. Res. Assistants- 2 posts</td><td>Soil Science & Agril. Chemistry</td><td>Filled -1 Vacant -1</td></tr> </tbody> </table>	SN	Designation	Discipline	Remarks	1	Associate Professor	Soil Science & Agril. Chemistry	Filled	2	Assistant Professor	Agronomy	Vacant	3	Senior Res. Assistants - 2 Post	Agronomy	Filled (Pooled)	4	Senior Res. Assistants - 1 Post	Soil Science & Agril. Chemistry	Filled	5	Jr. Res. Assistants- 2 posts	Soil Science & Agril. Chemistry	Filled -1 Vacant -1
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	Non-Technical Staff :	SN	Designation	No of posts	Remarks
		1	Agricultural Assistant	6	Filled-3, Vacant-3
		2	Superintendent	1	Filled
		3	Sr. Clerk	3	Filled 2, Vacant -1
		4	Jr. Clerk	6	Filled -2, Pooled 2 Vacant 2
		5	Steno Typist	1	Vacant
		6	Artist Cum – Photographer	1	Filled
		7	Wireman/ Tartantree	1	Vacant
		8	Tracer	1	Vacant
		9	Jeep Driver	2	Vacant
		10	Counter	3	Filled - 3
		11	Mali	1	Vacant
		12	Lab Boy	5	Filled -3, Vacant 2
		13	Peon	6	Filled -3, Vacant - 3
		14	Watchman	1	Vacant
		15	Labour	16	Filled -8 , Pooled-1 Vacant -7
6.	Research Achievements	: Technologies / recommendations : 41			
7.	Ongoing Research	: Soil Chemist <ol style="list-style-type: none"> 1. Effect of foliar application of water soluble 19:19:19 on growth yield and nutrient uptake by safflower subject to terminal drought under dryland condition 2. Effect of foliar application of DAP at different growth stages on growth, yield and nutrient uptake of chick pea under dryland conditions 3. Nutrient management practices for sustaining pigeon pea yield and soil productivity on inceptisol under dryland conditions. Jr. Agronomist <ol style="list-style-type: none"> 1. Production potential of horsegram under climate change situation 2. Nutrient management through green manuring and <i>biofertilizer</i> for sustainable production of sunflower under dry land condition. 			