



Mahatma Phule Krishi Vidyapeeth, Rahuri

Agricultural Research Station, Solapur Extensive Research on Dry Farming (Scheme No. 155)

1.	Year of Start	:	1933																								
2.	Contact Details	:																									
	Postal Address	:	Chief Scientist & Associate Director of Research, Zonal Agricultural Research Station, 97 Raviwar Peth, P.O. Box 207, Near DAV College, Solapur-413 002																								
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	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.Mechanization of dryland agriculture.																								
4.	Infrastructure	:																									
	Land	:	67.78 ha of which 10 ha area is allotted to NRC for Rabi Sorghum																								
	Irrigation facilities	:	One borewell and one old well for protective irrigation																								
	Laboratories	:	Soil and water testing laboratory Microbiology/Plant Pathology laboratory																								
5.	Human Resource	:																									
	Technical Staff	:																									
			<table><tr><th>SN</th><th>Designation</th><th>Discipline</th><th>Remarks</th></tr><tr><td>1</td><td>Assistant Professor</td><td>Soil Physicist</td><td>Filled</td></tr><tr><td>2</td><td>Assistant Professor</td><td>Soil Engg.</td><td>Vacant</td></tr><tr><td>3</td><td>Senior Res. Assistants</td><td>Soil Science & Agril. Chemistry</td><td>Filled</td></tr><tr><td>4</td><td>Jr. Res. Assistants</td><td>Soil Science & Agril. Chemistry</td><td>Pooled-1 Vacant-1</td></tr></table>	SN	Designation	Discipline	Remarks	1	Assistant Professor	Soil Physicist	Filled	2	Assistant Professor	Soil Engg.	Vacant	3	Senior Res. Assistants	Soil Science & Agril. Chemistry	Filled	4	Jr. Res. Assistants	Soil Science & Agril. Chemistry	Pooled-1 Vacant-1				
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6.	Research Achievements	:																									
	Recommendations	:	34																								

7.	<p>Ongoing Research : Soil Physicist</p> <ol style="list-style-type: none"> 1. Development of fertilizer prescription equation for rainfed chickpea 2. Drought management options for dryland pigeon pea under changing climate 3. Comparative effect of sowing methods and transplantation of seedlings on growth, earliness and yield of pigeon pea varieties under dryland conditions on inceptisol. 4. Development of fertilizer prescription equation for rainfed sunflower. <p>Soil Engineer</p> <ol style="list-style-type: none"> 1. Effect of various organic sources on soil moisture conservation, growth and yield of chickpea under dryland condition. 2. Effect of rainwater conservation techniques and potassium levels on yield of pigeonpea under dryland condition.
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