



## Mahatma Phule Krishi Vidyapeeth, Rahuri

### Scheme for Research on Oilseeds-Sunflower Zonal Agricultural Research Station, Solapur

<b>1.</b>	<b>Year of Start</b>	:	1979												
<b>2.</b>	<b>Contact Details</b>	:													
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<b>3.</b>	<b>Objectives/Mandates</b>	:	<ul style="list-style-type: none"> <li>Development of high yielding, drought tolerant sunflower varieties or population.</li> <li>Development of early to medium duration, high oil content, disease and pest resistant sunflower variety particularly to necrosis and powdery mildew diseases.</li> </ul>												
<b>4.</b>	<b>Infrastructure</b>	:													
	<b>Land</b>	:	77.03 ha												
	<b>Instruments</b>	:	Neutron probe, moisture meter, etc												
<b>5.</b>	<b>Human Resource</b>	:													
	<b>Technical Staff</b>	:	<table border="1" style="width: 100%; border-collapse: collapse; margin-left: 20px;"> <thead> <tr> <th style="width: 10%;">SN</th> <th style="width: 40%;">Designation</th> <th style="width: 30%;">Discipline</th> <th style="width: 20%;">Remarks</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Assistant Professor</td> <td>Agril. Botany</td> <td>Filled</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Jr. Res. Assistants-</td> <td>Agril. Botany</td> <td>Vacant</td> </tr> </tbody> </table>	SN	Designation	Discipline	Remarks	1	Assistant Professor	Agril. Botany	Filled	2	Jr. Res. Assistants-	Agril. Botany	Vacant
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2	Jr. Res. Assistants-	Agril. Botany	Vacant												
	<b>Non-Technical Staff</b>	:	<table border="1" style="width: 100%; border-collapse: collapse; margin-left: 20px;"> <thead> <tr> <th style="width: 10%;">SN</th> <th style="width: 40%;">Designation</th> <th style="width: 20%;">No of posts</th> <th style="width: 30%;">Remarks</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Agricultural Assistant</td> <td style="text-align: center;">01</td> <td>Vacant</td> </tr> </tbody> </table>	SN	Designation	No of posts	Remarks	1	Agricultural Assistant	01	Vacant				
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<b>6.</b>	<b>Research Achievements</b>	:	<b>Varieties Released</b> : Sunflower - SS-56, Bhanu, Phule Bhaskar												
<b>7.</b>	<b>Ongoing Research</b>	:	<ul style="list-style-type: none"> <li>Evaluation of promising genotypes of Sunflower.</li> <li>Collection, maintenance and evaluation of sunflower germplasm.</li> <li>Characterization of sunflower Germplasm (60).</li> <li>Maintenance of 20 CMS and Maintainer lines, 15 R lines.</li> <li>Population improvement programme (CMS based recurrent selection) for high yield and high oil content.</li> <li>Conversion to CMS line programme.</li> <li>Morpho-physiological screening of Sunflower genotypes with the help of Rainout Shelter.</li> <li>Treatments : 11+1 ©</li> <li>Identification of good general and specific combiner from the promising genotypes.</li> </ul>												