



## Mahatma Phule Krishi Vidyapeeth, Rahuri

### Scheme for Research on Onion Storage

1.	<b>Year of Start</b>	:	1981-1982																
2.	<b>Contact Details</b>	:																	
	<b>Postal Address</b>	:	Onion Breeder, Scheme for Research on Onion Storage, Rahuri, Department of Horticulture, MPKV, Rahuri 413 722.																
	<b>Phone No.</b>	:	(02426) 243342, 243247																
	<b>Email</b>	:	onionstorage.mpkv@gov.in, onionbreeder@gmail.com																
3.	<b>Objectives/Mandates</b>	:	<ul style="list-style-type: none"> <li>• Collection and maintenance of onion germplasm.</li> <li>• Development of high yielding varieties/hybrids in onion.</li> <li>• Standardization of package of practices for kharif, late kharif and rabi onion.</li> <li>• Supply of quality breeder seed for multiplication.</li> <li>• Education and training to the farmers for adopting newly developed varieties with modern techniques for maximization of production in onion</li> </ul>																
4.	<b>Infrastructure</b>	:																	
	<b>Land</b>	:	2.10 ha.																
	<b>Irrigation facilities</b>	:	Open well and bore well																
5.	<b>Human Resource</b>	:																	
	<b>Technical Staff</b>	:	<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>Onion Breeder</td><td>Horticulture</td><td>Filled</td></tr> <tr> <td>2</td><td>Sr. Research Assistant</td><td>Horticulture</td><td>Vacant</td></tr> <tr> <td>3</td><td>Jr. Research Assistant</td><td>Horticulture</td><td>Vacant</td></tr> </tbody> </table>	SN	Designation	Discipline	Remarks	1	Onion Breeder	Horticulture	Filled	2	Sr. Research Assistant	Horticulture	Vacant	3	Jr. Research Assistant	Horticulture	Vacant
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6.	<b>Research Achievements</b>	:																	
	<b>Varieties</b>	:	03																
	<b>Recommendations</b>	:	14																
7.	<b>Ongoing Research</b>	:	<ul style="list-style-type: none"> <li>• Collection, evaluation and maintenance of onion germplasm</li> <li>• Improvement in onion through composite breeding</li> <li>• Population improvement in <i>kharif</i> onion</li> <li>• Effect of Salicylic acid on growth, yield and storage quality of Onion</li> <li>• Study the effect of Growth retardant on growth, yield and quality of onion</li> <li>• Studies on micronutrients on growth and seed yield of Onion cv. Phule Samarth</li> <li>• Collection, evaluation and maintenance of onion germplasm</li> <li>• Evaluation of onion genotypes for Rabi season</li> <li>• Evaluation of different storage structures for onion storage</li> </ul>																

	<p><b>Seed Production</b></p> <ul style="list-style-type: none"><li>• Nucleus seed production of Phule Samarth</li><li>• Breeder seed production of Phule Samarth, Phule Safed and Phule Suvarna</li><li>• Truthful seed production of Phule Samarth</li></ul>
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