



## Mahatma Phule Krishi Vidyapeeth, Rahuri

### National Agricultural Research Project (NARP-Phase –II) Onion & Grape Research Station, Pimpalgaon Baswant, Ta- Niphad, Dist. Nashik.

<b>1.</b>	<b>Year of Start</b>	:	1990-91 ( State Scheme )													
<b>2.</b>	<b>Contact Details</b>	:														
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<b>3.</b>	<b>Objectives/Mandates</b>	:	<p><b>Grape :</b></p> <ul style="list-style-type: none"> <li>Screening of germplasm of grape for important diseases.</li> <li>Studies on seasonal incidence of important grape diseases with view to forecast effective control measures.</li> <li>Testing of fungicides for controlling important diseases.</li> </ul> <p><b>Onion &amp; Garlic :</b></p> <ul style="list-style-type: none"> <li>Survey of diseases in respect of onion and garlic.</li> <li>Standardization of plant protection schedule for onion and garlic.</li> <li>Storage studies with different pre and post treatments of onion and garlic</li> </ul>													
<b>4.</b>	<b>Infrastructure</b>	:														
	<b>Land</b>	:	15.09 ha. (8.80 ha under cultivation)													
	<b>Irrigation facilities</b>	:	1-bore wells and one well													
<b>5.</b>	<b>Human Resource</b>	:														
	<b>Technical Staff</b>	:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">SN</th> <th style="width: 60%;">Designation</th> <th style="width: 15%;">Discipline</th> <th style="width: 20%;">Remarks</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Assistant Professor of Entomology</td> <td style="text-align: center;">Entomology</td> <td style="text-align: center;">Filled</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Assistant Professor of Plant Pathology</td> <td style="text-align: center;">Plant Pathology</td> <td style="text-align: center;">Filled</td> </tr> </tbody> </table>		SN	Designation	Discipline	Remarks	1	Assistant Professor of Entomology	Entomology	Filled	2	Assistant Professor of Plant Pathology	Plant Pathology	Filled
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1	Assistant Professor of Entomology	Entomology	Filled													
2	Assistant Professor of Plant Pathology	Plant Pathology	Filled													
<b>6.</b>	<b>Research Achievements</b>	:														
	<b>Varieties</b>	:	01													
	<b>Recommendations</b>	:	04													

**7. Ongoing Research : Grape**

1. Screening of grapevine germplasm against major diseases of grape.
2. Mutation breeding (EMS) for disease resistance in grape.
3. Seasonal incidence of major diseases in grape.
4. Seasonal incidence of major pests of grapes in Nashik district in relation to climate condition.
5. Management of downy mildew of grape.

**Onion & Garlic**

1. Effect of silicon on disease incidence, growth and yield of kharif onion
2. Seasonal incidence of purple blotch of kharif onion.
3. Seasonal incidence of stemphyllium blight of rabi onion.
4. Optimization of zeolite application on onion for disease resistance and quality.
5. Seasonal incidence of thrips on onion in relation to climate condition.
6. Evaluate the performance of garlic genotypes against purple blotch in kharif season.
7. Screening of garlic against leaf blight of garlic.
8. Seasonal disease incidence of leaf blight of garlic in relation to climate change.
9. Seasonal incidence of thrips and mites in relation to climate change.
10. Screening of garlic entries against garlic thrips (*Thrips tabaci* L.).
11. Screening of garlic germplasm against thrips in kharif season.