



## Mahatma Phule Krishi Vidyapeeth, Rahuri

### New Cotton, Tobacco Research Scheme

1.	Year of Start	:	1932																				
2.	Contact Details	:																					
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3.	Objectives/Mandates	:	<ul style="list-style-type: none"> <li>To develop high yielding varieties of diploid cotton suitable for rainfed condition</li> <li>To incorporate desirable traits like early maturity, high ginning out turn and medium fibre length</li> <li>To incorporate tolerance /resistance to major biotic and a biotic stresses</li> </ul>																				
4.	Infrastructure	:																					
	Land	:	10.00 ha.																				
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>Cotton Breeder</td><td>Botany</td><td>filled</td></tr> <tr> <td>2</td><td>Senior Research Assistant</td><td>Botany</td><td>filled</td></tr> <tr> <td>3</td><td>Junior Research Assistant</td><td>Agronomy</td><td>filled</td></tr> <tr> <td>4</td><td>Junior Research Assistant</td><td>Soil Science &amp; Agril. Chemistry</td><td>filled</td></tr> </table>	SN	Designation	Discipline	Remarks	1	Cotton Breeder	Botany	filled	2	Senior Research Assistant	Botany	filled	3	Junior Research Assistant	Agronomy	filled	4	Junior Research Assistant	Soil Science & Agril. Chemistry	filled
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	Non-Technical Staff	:	<table> <tr> <th>SN</th><th>Designation</th><th>No of posts</th><th>Remarks</th></tr> <tr> <td>1</td><td>Agril Asstt</td><td>03</td><td>Filled-2 Vacant-1</td></tr> </table>	SN	Designation	No of posts	Remarks	1	Agril Asstt	03	Filled-2 Vacant-1												
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6.	Research Achievements	:																					
	Variety	:	04																				
7.	Ongoing Research	:	1.																				

Sr. No.	Name of Experiments
<b>Co ordinated Trials</b>	
1	Co ordinated Varietal Trial ( <i>G. arboreum</i> )
2	Co ordinated Varietal Trial of long Linted <i>G. arboreum</i> genotypes
3	Initial Varietal Trial ( <i>G. arboreum</i> )
4	Co ordinated deshi hybrid Trial
<b>Inter University Trials</b>	
1	State Multilocation Varietal Trial ( <i>G. arboreum</i> )
2	State Multilocation Varietal Trial ( <i>G. hirsutum</i> )

<b>University Trials</b>	
1	Multilocation Varietal Trial ( <i>G. arboreum</i> )
2	Station Trial ( <i>G. arboreum</i> )
3	Progeny Row Trial ( <i>G. arboreum</i> )
4	Rod Row Trial ( <i>G. arboreum</i> )
5	Preliminary deshi hybrid trial.
<b>Generation of breeding material</b>	
1	Hybridization Programme
2	Development of GMS based intra arboreum hybrids
3	Conventional Crosses for Varietal development.
4	Conversion of GMS lines
<b>Evaluation of segregating generation ( F1 to F5)</b>	
1	Evaluation and maintenance of germplasm