



## Mahatma Phule Krishi Vidyapeeth, Rahuri

### Pulse and Oilseed Crops Research and Training Centre, Pandharpur, Dist. Solapur.

1.	<b>Year of Start</b>	:	10 June 1981																												
2.	<b>Contact Details</b>	:																													
	<b>Postal Address</b>	:	Pulse and Oilseed Crops Research and Training Centre, Pandharpur Dist: Solapur, 413304																												
	<b>Phone No.</b>	:	02186 223622																												
	<b>Email</b>	:	ars81pandharpur@gmail.com																												
3.	<b>Objectives/Mandates</b>	:	<ul style="list-style-type: none"> <li>To develop the technology for Pulse and Oilseed Crops either as pure crop or inter or sequence crop in irrigated farming system.</li> <li>To organize basic research which may help to evaluate and stabilize the yield of Pulse and Oilseed Crops.</li> <li>To execute the basic research work so as to increase the production of fruits, vegetable and floricultural crops.</li> <li>Transferring the available knowledge to the farmers in irrigated area of Bhima and Nira command.</li> </ul>																												
4.	<b>Infrastructure</b>	:																													
	<b>Land</b>	:	12.00 ha. (9.00 ha under cultivation)																												
	<b>Irrigation facilities</b>	:	2-bore wells and seasonal canal irrigation																												
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>Assistant Professor of Agri. Botany</td><td>Botany</td><td>Filled</td></tr> <tr> <td>2</td><td>Assistant Professor of Horticulture</td><td>Horticulture</td><td>Filled/ Pooled</td></tr> <tr> <td>3</td><td>Assistant Professor of Plant Pathology</td><td>Plant Pathology</td><td>Vacant</td></tr> <tr> <td>4</td><td>Sr. Research Assistant (Exten)</td><td>Extension</td><td>Vacant</td></tr> <tr> <td>5</td><td>Sr. Research Assistant (Ento.)</td><td>Entomology</td><td>Vacant</td></tr> </tbody> </table>	SN	Designation	Discipline	Remarks	1	Assistant Professor of Agri. Botany	Botany	Filled	2	Assistant Professor of Horticulture	Horticulture	Filled/ Pooled	3	Assistant Professor of Plant Pathology	Plant Pathology	Vacant	4	Sr. Research Assistant (Exten)	Extension	Vacant	5	Sr. Research Assistant (Ento.)	Entomology	Vacant				
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6.	<b>Research Achievements</b>	:																													
	<b>Varieties</b>	:	04																												
	<b>Recommendations</b>	:	24																												
7.	<b>Ongoing Research</b>	:																													

## **Cowpea:**

### **A) Kharif Programme:**

1. Germplasm maintenance and evaluation
2. Inter varietal Hybridization
3. Mutation breeding
4. Evaluation of F<sub>1</sub> generation
5. Evaluation of F<sub>2</sub> generation
6. Evaluation of F<sub>3</sub> to F<sub>5</sub> generations
7. Station trial of Cowpea
8. Large Scale Yield Evaluation Trial of Cowpea (LSYET)
9. Preliminary Yield Evaluation Trial (PYET)
10. Multilocation Varietal Trial of Cowpea
11. Initial Varietal Trial of Cowpea
12. Advanced Varietal Trial of Cowpea (AVT II + AVT I)
13. Advanced Varietal Trial of Guar (AVT I)
14. Multilocation Varietal Trial of Horse gram
15. State Multilocation Varietal Trial of Pigeonpea

### **B) Rabi programme :**

16. State Multilocation Varietal Trial of Chickpea (Desi Irrigated)
17. Regional Varietal Trial Chick Pea (Kabuli Irrigated)
18. Summer ground nut Multilocation Trial
19. Regional Varietal Trial Sesame

## **Horticulture**

1. Collection, evaluation and maintenance of french bean germplasm under Pandharpur condition.
2. Collection, evaluation and maintenance of dolichus bean (Bush type) germplasm under Pandharpur condition
3. Collection, evaluation and maintenance of Jamun germplasm
4. Evaluation of cluster bean (*Cyamopsis tetragonoloba* Taub.) germplasm under rainfed condition
5. Evaluation of cluster bean (*Cyamopsis tetragonoloba* Taub.) germplasm under rainfed Condition

## **PLANT PATHOLOGY:**

1. Evaluation of State Multilocation Varietal trial of Mungbean (Bold) against powdery mildew and yellow mosaic virus. Spreader row technique.
2. Evaluation of State Multilocation Varietal trial of Mungbean (Plane) against powdery mildew and yellow mosaic virus. Spreader row technique.
3. Evaluation of Regional Varietal trial of Mungbean against powdery mildew and yellow mosaic virus. Spreader row technique.
4. Evaluation of State Multilocation Varietal Trial of Urdbean against powdery mildew and yellow mosaic virus. Spreader row technique.