



Mahatma Phule Krishi Vidyapeeth, Rahuri

NARP Pahse I Zonal Agricultural Research Station, , Kolhapur

1.	Year of Start	:	August, 1985																																																
2.	Contact Details	:																																																	
	Postal Address	:	Zonal Agricultural Research Station, R.K. Nagar Road, Shenda Park, Kolhapur-416 012																																																
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	Email	:	adrkolhapur@rediffmail.com, adrkolhapur.mpkv.gov.in																																																
3.	Objectives/Mandates	:	<ul style="list-style-type: none"> • Soil and water conservation • Better utilization of undulating topography by alternate land use system • Identification of suitable agro-techniques / varieties for important crops. • Rainfed horticulture • Irrigated horticulture • Management practices of Pandharpuri buffalo. • Genetic improvement and conservation of Pandharpuri buffalo 																																																
4.	Infrastructure	:																																																	
	Land	:	Shenda Park: 103.38 ha 'B' Farm Bawda : 9.16 ha																																																
	Irrigation facilities	:	1- well at B' farm K. Bawda, Waste water irrigation at ZARS, Kolhapur																																																
	Laboratories	:	Soil testing laboratory, Frozen semen laboratory, Biofertilizer laboratory																																																
	Advance Facilities	:	<ul style="list-style-type: none"> • Automatic weather station 																																																
5.	Human Resource	:																																																	
	Technical Staff	:	<table> <tr> <th>SN</th><th>Designation</th><th>Discipline</th><th>Remarks</th></tr> <tr> <td colspan="4">Phase I</td></tr> <tr> <td>1</td><td>Associate Director of Research</td><td>Agronomy</td><td>vacant</td></tr> <tr> <td>2</td><td>Associate Professor</td><td>Agronomy</td><td>vacant</td></tr> <tr> <td>3</td><td>Associate Professor</td><td>SSAC</td><td>filled</td></tr> <tr> <td>4</td><td>Associate Professor</td><td>Botany</td><td>vacant</td></tr> <tr> <td>5</td><td>Associate Professor</td><td>Hort.</td><td>vacant</td></tr> <tr> <td>6</td><td>Assistant Professor</td><td>Agronomy</td><td>vacant</td></tr> <tr> <td>7</td><td>Assistant Professor</td><td>SSAC</td><td>filled</td></tr> <tr> <td>8</td><td>Assistant Professor</td><td>Botany</td><td>filled</td></tr> <tr> <td>9</td><td>Assistant Professor</td><td>Ento.</td><td>vacant</td></tr> <tr> <td>10</td><td>Assistant Professor</td><td>Pathology</td><td>vacant</td></tr> </table>	SN	Designation	Discipline	Remarks	Phase I				1	Associate Director of Research	Agronomy	vacant	2	Associate Professor	Agronomy	vacant	3	Associate Professor	SSAC	filled	4	Associate Professor	Botany	vacant	5	Associate Professor	Hort.	vacant	6	Assistant Professor	Agronomy	vacant	7	Assistant Professor	SSAC	filled	8	Assistant Professor	Botany	filled	9	Assistant Professor	Ento.	vacant	10	Assistant Professor	Pathology	vacant
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Non-Technical Staff	:	11	Assistant Professor	ASDS	vacant		
		12	Assistant Professor	Economics	vacant		
		13	Assistant Professor	Engineering	filled		
		14	Assistant Professor	Extension	vacant		
		S.N.	Designation	No.of post	Remarks		
					Filled	vacant	Pooled
		Phase I					
		1	S.R.A.	01		-	01
		2	Agril. Assistant	02	01	01	-
		3	Office Supdt	01	-	01	-
		4	Sr.Clerk	01	01	-	-
		5	Clerk	02	01	01	-
		6	Stenographer	01	01	-	-
		7	Driver	01	-	01	-
		8	Lab Attenddent	01	01	01	-
	9	Mali	01	-	01	-	
	10	Watchman	02	01	01	-	
	11	Nangarwale	01	-	01	-	
	12	Mazdor	06	03	03	-	
	13	Milkman	01	-	01	-	
6.	Research Achievements	:					
	Varieties	:	12				
	Recommendations	:	52				
7.	Ongoing Research	:					

Agronomy:

1. Optimization of seed rate and spacing of soybean (*Glycine max* L) on ridges and furrows
2. Response of finger millet (Cv. Phule Nachani) to nutrient application based on fertilizer prescription equation under rainfed condition
3. Effect of age of seedlings on the growth and yield of finger millet
4. Effect of organic sources on productivity of finger millet (*Eleusine coracana* L.)
5. Integrated nutrient management studies in little millet.
6. Response of pre release varieties of finger millet to different spacing and fertilizer levels of under rainfed conditions

Soil Science and Agricultural Chemistry

1. Soil health assessment for yield sustainability in soybean-sugarcane-ratoon cropping system
2. Nutrient management of finger millet through organic manures
3. Effect of organic manures on growth and yield of rice-wheat cropping system
4. Response of consortium of PSB to phosphorus use efficiency in soybean grown on soil having high soil test phosphorus
5. Response of little millet (*Panicum sumatrense*) to foliar nutrition
6. Soil test crop response correlation studies on chilli (Dry)
7. Studies on iron and zinc nutrition of chilli crop
8. Response of finger millet (Cv. Phule Nachani) to nutrient application based on fertilizer prescription equation under rainfed conditions
9. Effect of split application of Nitrogen and Potassium on yield and yield attributes of soybean

10. Potassium nutrition in *kharif* groundnut
11. Integrated nutrient management studies in little millet
12. Response of pre release varieties of finger millet to different spacing and fertilizer levels of under rainfed conditions.
13. Chemical weed control studies in finger millet under rainfed conditions.
14. High density planting in mango
15. Performance of promising cashew (*Anacardium Occidentale L*) selections developed at Igatpuri Nutrient management in Mango
16. STCRC Follow-up trail on turmeric

Agricultural Engineering

1. Studies on survival, growth and soil binding abilities of various wild groundnut, grass and legume species.
2. Estimation of useful life of Continuous Contour Trenches (CCTs) taken at different vertical intervals on fallow uncultivable wasteland
3. Studies on hydrological response of small agricultural watershed under climate change scenario

Plant Pathology

1. Reaction of finger millet genotypes against blast under field condition
2. Reaction of finger millet germplasm against blast under field condition
3. Reaction of maize genotypes against turicum leaf blight and rust under field condition
4. Evaluation of soybean genotypes received under IVT, AVT, SMLT, UMLT against rust disease under natural inoculum pressure
5. Evaluation of groundnut genotypes against early and late leaf spot under natural field conditions
6. Effect of fungi toxicants on fruit rot of chilli
7. Evaluation of different fungicide against anthracnose/pod blight of soybean
8. Evaluation of different fungicide against early and late leaf spot and rust diseases of groundnut

Horticulture

1. Varietal trial on Mango
2. Studies on performance of kokum (*Garcinia indica*) genotypes under sub-montane zone conditions of Maharashtra
3. Performance of promising cashew selections developed at Igatpuri
4. Ultra high density planting studies in mango cv. Kesar
5. Nutrient management in Mango

Animal Science and Dairy Science

1. Studies on growth, reproduction and production performance of Pandharpuri buffalo on farm.
2. Knowledge and adoption of buffalo health management practice followed by buffalo owners with special reference to Haemorrhagic Septicemia (HS) in Kolhapur, Maharashtra
3. Knowledge and adoption of buffalo disposal system followed by buffalo owners in Kolhapur, Maharashtra