



## Mahatma Phule Krishi Vidyapeeth, Rahuri

### All India Coordinated Research Project on Mushroom, Pune Centre

1.	Year of Start	:	1983																
2.	Contact Details	:																	
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3.	Objectives/Mandates	:	<ul style="list-style-type: none"><li>• To conduct survey for naturally occurring wild edible mushrooms with a view to identify and catalogue the edible species as well as for exploring possibilities of promising strains.</li><li>• To evaluate the promising and high yielding strains received from Directorate of Mushroom Research, Chambaghat, Solan (HP) stock for regional adaptability.</li><li>• To carry out multi-location trial for finalization of standard production techniques for increasing yield of different edible mushrooms.</li><li>• To explore possibility of selection of cheaper agro waste available locally for substrate, compost and casing.</li><li>• To supply good quality spawn to the mushroom growers.</li><li>• Popularization of mushroom cultivation on large scale through trainings.</li><li>• Commercial production of button mushroom.</li></ul>																
4.	Infrastructure	:																	
	Land	:	1.36 ha.																
	Advanced facilities	:	Binocular Microscope with Advanced Magnus Olympus Digital Camera Image Analysis Software																
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>Mycologist</td><td>Plant Pathology &amp; Agril. Microbiology</td><td>Filled</td></tr><tr><td>2</td><td>Jr. Mycologist</td><td>Plant Pathology &amp; Agril. Microbiology</td><td>Filled</td></tr><tr><td>3</td><td>Jr. Res. Asstt.</td><td>Plant Pathology &amp; Agril. Microbiology</td><td>Filled</td></tr></table>	SN	Designation	Discipline	Remarks	1	Mycologist	Plant Pathology & Agril. Microbiology	Filled	2	Jr. Mycologist	Plant Pathology & Agril. Microbiology	Filled	3	Jr. Res. Asstt.	Plant Pathology & Agril. Microbiology	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>1</td><td>Filled</td></tr><tr><td>2</td><td>LDC typist</td><td>1</td><td>Pooled</td></tr><tr><td>3</td><td>Beldar/Grade I labour</td><td>1</td><td>Vacant</td></tr></table>	SN	Designation	No of posts	Remarks	1	Agril Asstt	1	Filled	2	LDC typist	1	Pooled	3	Beldar/Grade I labour	1	Vacant
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6.	Research Achievements	:																	
	Recommendations	:	21																

7.	Ongoing Research :
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A) ICAR PROGRAMME	
1.	Collection, identification and conservation of wild edible mushroom
2.	Advance Varietal trial-2 for selected white accessions of <i>Agaricus bisporus</i>
3.	Advance Varietal trial-18 for selected white accessions of <i>Agaricus bisporus</i>
4.	Advance Varietal trial-18 of high yielding varieties/strains of Oyster Mushroom ( <i>Pleurotus</i> spp) : a) On wheat straw b) On paddy straw
5.	Advance varietal trial-1 for high yielding strains of Milky mushroom ( <i>Calocybe indica</i> ): a) On wheat straw b) On paddy straw
6.	Second Yield trials for identification of <i>Pleurotus</i> species suitable for different parts of country: a) Wheat straw b) Paddy straw
7.	Evaluation of different compost formulation for button mushroom a) Compost Formula -1 and 2 b) Compost Formula -3 and 4
8.	Generation of databases of mushroom farmers, spawn producers and total production of spawn and mushrooms in Maharashtra state.
B) UNIVERSITY PROGRAMME	
1	Molecular characterization of selected wild edible <i>Pleurotus</i> spp.
2	Evaluation of wild edible <i>Pleurotus</i> sp. for yield and quality parameters on different substrates
C) EXTENSION PROGRAMME	
1	Organization of training programmes.
2	Active participation in Workshops, Kisan-mela and Demonstration etc.
3	Supply of quality mushroom spawn to mushroom growers.
4	Publication of Bulletins/ folders/popular articles in regional languages
5	Popularization of Mushroom production technology through TV, Radio-talks, mass media etc.
6	Development of mushroom museum
7	Organization of Mushroom Day