



Mahatma Phule Krishi Vidyapeeth, Rahuri

Agricultural Research Station, Lonavala

1.	Year of Start	:	1958																				
2.	Contact Details	:																					
	Postal Address	:	Lonavala 410401 Ta. Vadgaon Maval Dist. Pune																				
	Phone No.	:	02114-272548																				
	Email	:	ars_lonawala@rediffmail.com, arslonawala.mpkv@gov.in																				
3.	Objectives/Mandates	:	<ul style="list-style-type: none"> Screening of rice genotypes and breeding material against leaf and neck blast, leaf scald, sheath rot, brown spot, etc. to identify sources of resistance. Management of paddy diseases. 																				
4.	Infrastructure	:																					
	Land	:	2.678 ha.																				
	Irrigation facilities	:	Mostly Rainfed as very insufficient water in well and bore well																				
	Laboratories	:	1																				
	Advanced facilities	:	Existing facilities are sufficient to execute the mandate																				
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>Rice Pathologist</td><td>Plant Pathology</td><td>Filled</td></tr> <tr> <td>2</td><td>Jr. Research Asstt.</td><td>Plant Pathology</td><td>Filled</td></tr> </table>	SN	Designation	Discipline	Remarks	1	Rice Pathologist	Plant Pathology	Filled	2	Jr. Research Asstt.	Plant Pathology	Filled								
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2	Jr. Research Asstt.	Plant Pathology	Filled																				
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6.	Research Achievements	:																					
	Varieties	:	06																				
	Recommendations	:	07																				
7.	Ongoing Research	:																					

Station (ARS, Lonavala) trials

- Screening of rice cultures/entries of MSN (Maharashtra Screening Nursery) against leaf blast in glasshouse.
- Screening of rice cultures/entries of MSN against leaf blast in UBN.
- Screening of rice cultures/entries of MSN against neck blast, sheath rot, scald, brown spot, grain discolouration, false smut and *Udbatta* diseases in field nursery.
- Evaluation of rice selections of Lonavala against different diseases in UBN and field nursery.
- Evaluation of millets against blast in UBN.
- Integrated management of rice diseases with label claimed fungicides
- Management of false smut of rice
- Survey and surveillance of rice diseases in Western Maharashtra.

IIRR (DRR), Hyderabad trials

- Screening of rice cultures /entries of NSN (National Screening Nurseries) against leaf blast in UBN.
- Screening of rice cultures /entries of NSN (National Screening Nurseries) against neck blast, sheath rot, leaf scald, brown spot and glumes discolouration in field.
- Monitoring of field virulence in *Pyricularia oryzae*.
- Evaluation of new fungicides against location specific diseases of rice
- Effect of selected essential oils on location specific rice diseases