



Mahatma Phule Krishi Vidyapeeth, Rahuri

Biological Nitrogen Fixation Scheme College of Agriculture, Pune

1.	Year of Start	:	17 th May, 1960																				
2.	Contact Details	:																					
	Postal Address	:	Agricultural Bacteriologist, Biological Nitrogen Fixation Scheme, College of Agriculture, Pune-5																				
	Phone No.	:	020-25537033/38, Extn. No. 331, 319																				
	Email	:	bnfacpune@rediffmail.com																				
3.	Objectives/Mandates	:	<ul style="list-style-type: none"> Isolation, screening and maintenance of different nitrogen fixing and phosphate solubilizing microorganisms. To develop the low cost technology for mass production of different biofertilizers. Fertilizer economy through use of different biofertilizers. Large scale production of different biofertilizers and Bioagents. To increase the awareness amongst the farmers for using the Biofertilizers in organic farming system. 																				
4.	Infrastructure	:																					
	Advance 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>Agricultural Bacteriologist</td><td>Plant Pathology</td><td>Vacant</td></tr> <tr> <td>2</td><td>Sr. Res. Asstt.</td><td>Plant Pathology</td><td>Vacant</td></tr> <tr> <td>3</td><td>Sr. Res. Asstt. (Path)</td><td>Plant Pathology</td><td>Vacant</td></tr> <tr> <td>4</td><td>Sr. Research Asstt.</td><td>Soil Sci. & Agril. Chem</td><td>Vacant</td></tr> </table>	SN	Designation	Discipline	Remarks	1	Agricultural Bacteriologist	Plant Pathology	Vacant	2	Sr. Res. Asstt.	Plant Pathology	Vacant	3	Sr. Res. Asstt. (Path)	Plant Pathology	Vacant	4	Sr. Research Asstt.	Soil Sci. & Agril. Chem	Vacant
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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>Pooled</td></tr> <tr> <td>2</td><td>Sr. Clerk</td><td>2</td><td>Vacant -1 Pooled-1</td></tr> <tr> <td>3</td><td>Jr. Clerk</td><td>2</td><td>Filled-1 Pooled-1</td></tr> <tr> <td>4</td><td>Lab Boy</td><td>2</td><td>Filled-1 Pooled-1</td></tr> <tr> <td>5</td><td>Lab Attendant</td><td>1</td><td>Vacant</td></tr> <tr> <td>6</td><td>Peon</td><td>2</td><td>Vacant</td></tr> </table>	SN	Designation	No of posts	Remarks	1	Agril. Asstt.	1	Pooled	2	Sr. Clerk	2	Vacant -1 Pooled-1	3	Jr. Clerk	2	Filled-1 Pooled-1	4	Lab Boy	2	Filled-1 Pooled-1	5	Lab Attendant	1	Vacant	6	Peon	2	Vacant
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6.	Research Achievements	:	Large scale production of different biofertilizers with low cost inputs.																												
	Recommendations	:	12																												
7.	Ongoing Research	:	<ol style="list-style-type: none"> 1. Effect on consortium of <i>Rhizobium</i>, PSB and KMB in Soybean. 2. Effect on consortium of <i>Azotobacter</i>, PSB and KMB in Sorghum. 3. Effect on consortium of <i>Rhizobium</i>, PSB and KMB in Gram 																												