



Mahatma Phule Krishi Vidyapeeth, Rahuri

Plant Tissue Culture, Rahuri

1.	Year of Start	:	1992								
2.	Contact Details	:									
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	Email	:	biotechmpkv@rediffmail.com								
3.	Objectives/Mandates	:	<ul style="list-style-type: none"> To produce the elite and virus free tissue culture seedlings of banana, sugarcane, eucalyptus, bamboo and other medicinal plants on large scale. To supply the elite seedlings to farmers. 								
4.	Infrastructure	:	All the requirement of Plant tissue culture including buildings and scientific equipments are available in State Level Biotechnology Centre, MPKV, Rahuri								
5.	Human Resource	:									
	Non Technical Staff	:	<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>Mazdoor , Gr-IV</td><td>2</td><td>Filled</td></tr> </tbody> </table>	SN	Designation	Discipline	Remarks	1	Mazdoor , Gr-IV	2	Filled
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1	Mazdoor , Gr-IV	2	Filled								
6.	Research Achievements	:	Developed Yashwant variety of eucalyptus through shoot tip culture in 1997-98, One recommendation on number of subcultures to avoid somaclonal variations in banana.								
	Varieties & hybrids	:	01								
	Recommendations	:	01								
7.	Ongoing Research	:	<p>a) Plant Tissue culture:</p> <ul style="list-style-type: none"> Micropropagation of bamboo species. Micropropagation of medicinal and aromatic plants <p>b) Molecular Biology:</p> <ul style="list-style-type: none"> DNA fingerprinting of MPKV released varieties. Experiments related to biotic and abiotic stress tolerance in crop plants. Development of transgenics. 								