



Mahatma Phule Krishi Vidyapeeth, Rahuri

AICRP on Soil Test Crop Response

1.	Year of Start	:	1969		
2.	Contact Details	:			
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3.	Objectives/Mandates	:	<ul style="list-style-type: none">• Use efficiency of fertilization.• Harnessing of best possible positive and synergistic interactions among the various factors of production (seed, water etc).• Least adverse effects on environment (leaching, denitrification and other losses).• Maintaining high yields commensurate with the biological potential of the crop variety under the unique soil climate agro-ecological set up.• Increasing farm income.• To establish significant relationship between soil test and crop response to fertilizers on representative soils.• To derive a basis for fertilizer recommendation for desired yield targets.• To evaluate the conjoint use of chemical fertilizers and organic manures for enhanced nutrient use efficiency.• To derive a basis for making fertilizer recommendation for a whole cropping sequence based on initial soil test values.		
4.	Infrastructure	:			
	Land	:	11.00 ha.		
	Irrigation facilities	:	Bore well		
	Laboratories	:	1 Well equipped laboratory		
5.	Human Resource	:			
	Technical Staff	:			
		SN	Designation	Discipline	Remarks
		1	Associate Professor	Soil Science and Agril. Chemistry	Filled
		2	Sr. Research Assistant	Soil Science and	Filled
	3	Sr. Research Assistant	Agril. Chemistry	Vacant	

	Non-Technical Staff :	SN	Designation	No of posts	Remarks
		1	Agricultural Asstt.	3	Filled
			Senior Clerk	1	Filled
			Lab boy	1	Vacant
			Labour	1	Filled -1
6.	Research Achievements :	35 technologies recommended			
7.	Ongoing Research :	<ol style="list-style-type: none"> 1. Soil test crop response correlation studies on Bt. Cotton through fertigation. 2. Soil test crop response correlation studies on Banana through fertigation. 3. Soil test crop response correlation studies on preseasonal sugarcane through fertigation. 4. Soil test crop response correlation studies on Papaya. 5. Soil test crop response correlation studies on chilly. 			