



Mahatma Phule Krishi Vidyapeeth, Rahuri

AICRP on Pesticide Residues, Rahuri

1.	Year of Start	:	1985												
2.	Contact Details	:													
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3.	Objectives/Mandates	:	<ul style="list-style-type: none"> To organize, promote and co-ordinate research on pesticide residues in agriculture products and components of the environment at all India level. To study the dissipation of pesticides in crops through supervised field trials using recommended pesticides and to work out safe time limits between pesticide application and harvest of the produce following GAP. Development of new analytical methods for the estimation of pesticides and their metabolites in food commodities and environment samples. To study effect of processing of food commodities for the removal of pesticide residues. To maintain up to date information on pesticide residues and to provide guidelines in this regard to research and extension workers in the country. 												
4.	Infrastructure	:													
	Laboratories	:	2												
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>Residue Analyst (Asso. Prof.)</td><td>Agril. Entomology</td><td>Filled-01</td></tr> <tr> <td>2.</td><td>Asstt. Residue Analyst (Asstt. Prof.)</td><td>Agril. Entomology</td><td>Filled- 02</td></tr> </table>	SN	Designation	Discipline	Remarks	1.	Residue Analyst (Asso. Prof.)	Agril. Entomology	Filled-01	2.	Asstt. Residue Analyst (Asstt. Prof.)	Agril. Entomology	Filled- 02
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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>Junior Research Asstt.</td><td>01</td><td>Vacant</td></tr> <tr> <td>2.</td><td>Lab. Asstt. (Agril. Asstt.)</td><td>02</td><td>Filled- 02</td></tr> </table>	SN.	Designation	No. of posts	Remarks	1.	Junior Research Asstt.	01	Vacant	2.	Lab. Asstt. (Agril. Asstt.)	02	Filled- 02
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6.	Research Achievements	:	<p>1. Pesticide Residue Laboratory was accredited since 26/11/2014 in accordance with ISO/IEC 17025: 2005 by National Accreditation Board for Testing and Calibration of Laboratories (NABL), a Constituent Board of Quality Council of India, Govt. of India, New Delhi.</p> <p>2. The main mandate of the research project is to study the dissipation of pesticides in crops through supervised trials by following Good Agril. Practices. The data thus generated forms the basis for determining MRL and safe waiting period which are national recommendations (Recommendations of CIBRC) for producing residue free Agril. Commodities.</p>
7.	Ongoing Research	:	

ST-156	1.	Residues and persistence of Ethephon 39% SL (Ethrel 39 SL) in/on Grapes
ST-191	2.	Residues and persistence of Fluopyram 400 SC (Velum 400 SC) (First season) in/on Banana
ST-219	3.	Residues and persistence of Thiacloprid 240 SC (Alanto 240 SC) in/on Pomegranate
ST-231	4.	Residues and persistence of Fluopyram 400 SC (Velum 400 SC) (2nd season) in/on Cucumber
ST-283	5.	Residues and persistence of Tetraniliprole 480 FS in/on Maize
ST-286	6.	Residues and persistence of Flubendiamide 240 + Thiacloprid 240 SC (Belt Expert) in/on Pomegranate
ST-296	7.	Residues and persistence of Fosetyl Al 80 WP (Aliette 80 WP) (2nd season) in/on Citrus
ST-312	8.	Residues and persistence of Azoxystrobin 8.3% + Mancozeb 66.7% WZ (Avancer glow) in/on Pomegranate
ST-319	9.	Residues and persistence of Thiamethoxam 12.6 % + Lambda cyhalothrin 9.5% ZC in/on Citrus