Mahatma Phule Krishi Vidyapeeth, Rahuri

AINP on Pesticide Residues & Contaminants

1.	**Year of Start**	:	1985
2.	**Contact Details**	:	
	Postal Address	:	AINP on Pesticide Residues & Contaminants, Department of Entomology, MPKV, Rahuri- 413 722 Dist.- Ahilyanagar
	Phone No.	:	02426-243532
	Email	:	prlab.mpkv@rediffmail.com
3.	**Objectives/Mandates**	:	• 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. • To monitor the pesticide residues in biotic and abiotic components of the environment • 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	:	
	Non-Technical Staff	:	

SN	Designation	Discipline	Remarks
1.	Residue Analyst (Associate Professor)	Entomology	Filled
2.	Assistant Residue Analyst (Assistant Professor)	Entomology	Filled- 01 Vacant-01

SN.	Designation	No. of posts	Remarks
1.	Junior Research Assistant	01	Vacant-01
2.	Technical Assistant (Agril. Asstt.)	02	Filled-02

6.	**Research Achievements**	**:**	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. 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.
7.	**Ongoing Research**	**:**	

1	Residues and persistence of Betacyfluthrin 90 g/L + Imidacloprid 210 g/L OD (Solomon) in/on Pomegranate
2	Residues and persistence of Sedaxane 15% + Azoxystrobin 3.75% + Thiamethoxam 26.25 % (450 FS) in/on Soybean
3	Residues and persistence of Pydiflumetofen 13.6% w/w + Propiconazole 11.4% w/w SE in/on Soybean
4	Residues and persistence of Pydiflumetofen 13.6% w/w + Propiconazole 11.4% w/w SE in/on Cotton
5	Residues and persistence of Isopyrazam 12.5% + Difenoconazole 12.5% w/v (250 SC) in/on Banana
6	Residues and persistence of Benzovindiflupyr 7.76% w/v + Difenoconazole 11.67% w/v EC in/on Grapes