Mahatma Phule Krishi Vidyapeeth, Rahuri

Strengthning of Research on Pulses

1.	**Year of Start**	:	2006
2.	**Contact Details**	:	
	Postal Address	:	Principal Scientist, Oilseeds Research Station, Nimkhedi Road, Jalgaon - 425001
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3.	**Objectives/Mandates**	:	• To evolve high yieding disease resitant and pest tolerant genotypes of mungbean and Urdbean • To evolve the genotypes of mungbean having sychronous and early maturity, non shattering, suitable for kharif as well as summer season • Collection of land races, wild types of mungbean and Urdbean
4.	**Infrastructure**	:	
	Land	:	3.0 ha.
	Irrigation facilities	:	Available
5.	**Human Resource**	:	
	Technical Staff	:	

SN	Designation	Discipline	Remarks
1	Pulse Breeder	Botany	Filled
2	Senior Research Asstt.	Plant Pathology	Vacant

Non-Technical Staff :

SN	Designation	No of posts	Remarks
1	Agril. Assistant	2	Filled-1 Vacant-1

6.	**Research Achievements**	:	
	Variety	:	02
7.	**Ongoing Research**	:	1.

Discipline : Pulse Breeding

Sr.No	Name of Experiment
***Kharif* Experiments**	
1	Coordinated trials(IVT & AVT)
2	State trials (SMVT, RVT, LSYET, SSYET, Mutation Breeding)
3	Generation Advancement(F1 to F4)
4	Germplasm conservation
***Summer* Experiments**	
1	Coordinated IVT trials
2	Station trial

Discipline : Pulses Pathology

Sr.No	Name of Experiment
Kharif	**Experiments**
1	Screening of SMVT (Bold) Mungbean entries against Major Diseases
2	Screening of SMVT (PLANE) Mungbean entries against Major Diseases
3	Screening of RVT Mungbean entries against Major Diseases
4	Screening of Urdbean SMVT Entries Against Major Diseases
5	Screening of Urdbean RVT Entries against Major Diseases
6	Management of powdery mildew of Mungbean
7	Studies on formulation of consortia of *Rhizobium,* PSB and Potash mobilizing bacteria in Mung Crop.