



Mahatma Phule Krishi Vidyapeeth, Rahuri

All India Coordinated Research Project on Sesamum

1.	Year of Start	:	1967												
2.	Contact Details	:													
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3.	Objectives/Mandates	:	<ul style="list-style-type: none"> Development of high yielding varieties with high oil content Development of early , bold and white seeded genotypes Resistance for major disease (Phyllody , Stem/Rot rot & Cercospora/Alternaria leaf spot) and Pest (Leaf Roller, Capsule Borer and Gallfly) 												
4.	Infrastructure	:													
	Land	:	4.00 ha.												
	Irrigation facilities	:	Borewell-1												
	Laboratories	:													
	Advanced facilities	:													
5.	Human Resource	:													
	Technical Staff	:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">SN</th> <th style="width: 50%;">Designation</th> <th style="width: 20%;">Discipline</th> <th style="width: 20%;">Remarks</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Sesamum Breeder</td> <td style="text-align: center;">Botany</td> <td style="text-align: center;">Filled</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Sesamum Agronomist</td> <td style="text-align: center;">Agronomy</td> <td style="text-align: center;">Filled</td> </tr> </tbody> </table>	SN	Designation	Discipline	Remarks	1	Sesamum Breeder	Botany	Filled	2	Sesamum Agronomist	Agronomy	Filled
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6.	Research Achievements	:													
	Varieties	:	04												
	Recommendations	:	12												
7.	Ongoing Research	:	1.												

Discipline : Sesamum Breeding

Sr.No	Name of Experiment
Kharif Experiments	
1	Maintainance of Evaluation and Germplasm
2	Coordinated trials (IVT & AVT), NCP
3	State trials(SSYET, LSYET, SMVT, Mutation Breeding)
4	Generation Advancement (F1 to F6)
5	Germplasm conservation

Rabi-Summer Experiments	
1	Coordinated trials (IVT& AVT)
2	State trials (UMLT)

Discipline : Sesamum Agronomy

Sr.No	Name of Experiment
1	Optimization of nutrient requirement for AVT genotypes.
2	moisture conservation on sesamum under <i>in situ</i> Effect of land configuration and rainfed condition.
3	Evaluation of pre and post emergence herbicide for chemical weed management in sesamum.
4	Effect of mulch and herbicide on weed dynamic of sesamum.
5	Efficacy of different doses of pendamethalin on promising sesamum genotype
6	Influence of Organic sources on seed yield and quality of sesamum.
7	Monetary evaluation of sesamum based intercropping system in kharif season