Mahatma Phule Krishi Vidyapeeth, Rahuri

Zonal Agricultural Research Station, Ganeshkhind Pune Vegetable Improvement Scheme, NARP, Ganeshkhind, Pune

1.	Year of Start	:	1. Vegetable Improvement Scheme: 1943
			2. Agronomic Investigations on Vegetable Crops: 1960
			3. Scheme on Research on Vegetable Crops: 1981
			4. Vegetable Improvement Scheme : - 2004
2.	Contact Details	:	
	Postal Address	:	Associate Director of Research, Zonal Agricultural Research
			Station, NARP, Ganeshkhind, Pune-411067, Maharashtra, India.
	Phone No.	:	020-25693750
	Fax No.	:	020- 25698734
	Email	:	zars.gkpune@rediffmail.com
3.	Objectives/Mandates	:	1. Improvement of vegetable crops for yield, quality, earliness,
			disease and pest resistance.
			2. Standardization of agro-techniques for various commercial
			vegetable crops.
			3. Multiply seeds of reliable purity and quality of different
			vegetable crops.
			4. To conduct multilocation trials of various vegetable crops.
4.	Infrastructure	:	
	Land	:	As per requirement from 58.77 ha
	Laboratories	:	Yes
	Irrigation facilities		River and Borewell

5. Human Resource : Technical Staff :

SN	Designation	Discipline	Re	marks	
			Sanctioned	Filled	Vacant
1	Assistant	Horticulture	01	-	01
	Prof.				
2	Assistant	Entomology	01	01	-
	Prof.				
3	Senior	Horticulture	03	-	03
	Research				
	Assistant				
4	Senior	Plant	01	-	01
	Research	pathology			
	Assistant				

Non-Technical Staff

SN	Designation	Discipline	Re	marks	
			Sanctioned posts	Filled	Vacant
	Agril. Assistant	-	04	04	
	Senior Clerk	-	01	01	
	Counter	-	03	02	01
	Lab boy		01	01	-
	Peon	-	01	01	-
	Watchman		01	_	01

6. Research Achievements

: I) Varieties developed and released.

Sponge gourd Phule Prajakta (1999) Okra Phule Utkarsha (2003) French bean Phule Suyash (2003) Broccoli Ganesh Broccoli (2006) Dolichos bean (Bush) -Phule Suruchi (2009) Lettuce Phule Padma (2015) Okra Phule Vimukta (2016) Phule Kasturi (2019) Fenugreek Double bean Phule Suvarn (2019)

II) Recommendations: Sixty (60)

7. Ongoing Research

Sr. No.	Title of the Experiment
	Horticulture
Khai	rif-2019
1	Evaluation of okra hybrids
2	Okra Improvement Programme (F ₉ generation).
3	Okra Improvement Programme (BC ₁ and BC ₂).
4	Collection and evaluation of okra germplasm.
5	Collection and evaluation of french bean germplasm.
6	Collection and evaluation of dolichos bean germplasm
	(Pole).
7	Collection and evaluation of dolichos bean germplasm
	(Bush).
	Seed Production Programme
1	Nucleus, breeder and truthful seed production of French
	bean var. Phule Suyash.
2	Nucleus, breeder and truthful seed production of Sponge
	gourd var. Phule Prjakata.
3	Nucleus, breeder and truthful seed production of Dolichos

	bean var. Phule Suruchi.
4	Nucleus, breeder and truthful seed production of Double
	bean var. Phule Suvarn.
Ra	bi, 2019
1	Collection and evaluation of Pea germplasm.
	Seed Production
1	Nucleus, breeder and truthful seed production of Broccoli
	var.Ganesh Broccoli.
2	Nucleus, breeder and truthful seed production of Lettuce
	var. Phule Padma.
3	Nucleus, breeder and truthful seed production of
	Fenugreek var. Phule Kasturi.
	Summer-2020
1	Evaluation of okra hybrids
2	Okra Improvement Programme (F ₁₀ generation)
3	Okra Improvement Programme (BC1 and BC2)
4	Collection and evaluation of okra germplasm
	Seed Production
1	Nucleus, breeder and truthful seed production of okra var
	Phule Utkarsha.
2	Nucleus, breeder and truthful seed production of okra var
	m1 1 *** 1
	Phule Vimukta.
	Phule Vimukta. Entomology
Vho	Entomology
Kha	Entomology
Kha	Entomology rif Evaluation of Dolichus bean selections (pole type) agains
1	rif Evaluation of Dolichus bean selections (pole type) agains major pests in <i>kharif</i> season.
	Entomology rif Evaluation of Dolichus bean selections (pole type) agains major pests in <i>kharif</i> season. Assessment of Dolichus bean genotypes (bush type) again
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1 2 3 4	Entomology rif Evaluation of Dolichus bean selections (pole type) agains major pests in <i>kharif</i> season. Assessment of Dolichus bean genotypes (bush type) again major pests in <i>kharif</i> season. Evaluation of French bean germplasm against major pests in kharif season. Assessment of okra generations (Back cross and F8 selections) against major pests during <i>kharif</i> season.
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		on yield of lettuce (Cv Phule Padma).
	Sum	mer
	1	Screening of okra germplasm against major pests in Summer season.
	2	Assessment of okra hybrids against major pests during Summer season.
	3	Assessment of okra generations (Back cross and F8 selections) against major pests during <i>kharif</i> season.