



Mahatma Phule Krishi Vidyapeeth, Rahuri

AICRP on Forage Crops & Utilization

1.	Year of Start	:	December, 1971																												
2.	Contact Details	:																													
	Postal Address	:	Forage Breeder, AICRP on Forage Crops & Utilization, MPKV, Rahuri-413 722, Dist. Ahmednagar																												
	Phone No.	:	7588695304																												
	Email	:	forage.mpkv@gov.in																												
3.	Objectives/Mandates	:	<ul style="list-style-type: none"> • Varietal improvement of various fodder crops and range legumes. • To develop improved management practices for high forage yield with good quality. • To test elite strains of various forage crops for reaction to insect – pests resistant. • To find out effective, economic and eco-friendly pest management techniques in forage crops. • To determine nutritional status of new varieties of different forage crops. • To developed seed production techniques in various forage crops. • Seed production of forage crop varieties. • Transfer of technology 																												
4.	Infrastructure	:																													
	Land	:	14.90																												
	Irrigation facilities	:	Farm pond and bore well																												
	Laboratories	:	One laboratory (PG building)																												
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>Senior Scientists</td><td>Botany</td><td>Filled</td></tr> <tr> <td>2</td><td>Senior Scientists</td><td>Entomology</td><td>Filled</td></tr> <tr> <td>3</td><td>Scientist-I</td><td>Biochemistry</td><td>Filled</td></tr> <tr> <td>4</td><td>Scientist-I</td><td>Agronomy</td><td>Vacant</td></tr> <tr> <td>5</td><td>Jr. Res. Asstt.</td><td>Botany</td><td>Filled</td></tr> <tr> <td>6</td><td>Jr. Res. Asstt.</td><td>Botany</td><td>Vacant</td></tr> </table>	SN	Designation	Discipline	Remarks	1	Senior Scientists	Botany	Filled	2	Senior Scientists	Entomology	Filled	3	Scientist-I	Biochemistry	Filled	4	Scientist-I	Agronomy	Vacant	5	Jr. Res. Asstt.	Botany	Filled	6	Jr. Res. Asstt.	Botany	Vacant
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6.	Research Achievements	:																													
	Varieties	:	07																												
	Recommendations	:	35																												

A) Plant Breeding

1. IVTM forage maize
2. IVTPM forage pearl millet
3. IVTC forage cowpea
4. AVTC-1 forage cowpea.
5. IVHT-SC forage sorghum
6. AVHT-SC forage sorghum

B) Agronomy

1. Effect of New generation herbicides on weeds and forage yield of forage Maize
2. Evaluation of fodder value of maize varieties as influenced by nitrogen levels and detopping before physiological maturity

C) Entomology

- PPT-1: Monitoring of diseases and insect pests in *Kharif* forage crops ecosystem
- PPT-2: Evaluation of *Kharif* breeding materials for their resistance to diseases and insect pests
- PPT-27: Management of invasive insect-pest fall army worm, *Spodoptera frugiperda* L. on Forage Maize
- PPT-28: Assessment of avoidable crop losses due to diseases and insect-pests in forage Cowpea

D) Biochemistry

Estimation of fodder and soil quality parameters of all ongoing experiments of Crop Improvement, Crop Production, Crop Protection, Grass Scheme, Rahuri and Ranchi center.