## Improved / Hybrid Varieties of Maize

#### Hunis

	Release year	1977
	Name of Institute /	Mahatma Phule Krishi Vidyapeeth,
	University	Rahuri
	Soil type	Medium to Heavy
	Climate	25 <sup>0</sup> to 35 <sup>0</sup> C
	Sowing Time /	Kharif – 15 <sup>th</sup> June to 15 <sup>th</sup> July
	Planting period	Rabi – 15 <sup>th</sup> October to 15 <sup>th</sup> November
Seed Rate (Per acre)	06 to 08 kg	
Crop duration	85 to 95 days	
Productivity	45 to 50 qt/ha.	
	A. Suitable for <i>Kharif – Rabi</i> .	
Classication / Castronia	B. Suitable for intercropping in sugarcane.	
Characters / features	C. Moderately resistant to stem borer & rust.	
	D. Yellow grains.	
Remarks	Selection from 30 parents from Hungeri (USA) and India.	

#### Manjri (Composite)

	Release year	1980
MANJRI	Name of Institute /	Mahatma Phule Krishi Vidyapeeth,
	University	Rahuri
	Soil type	Medium to Heavy
	Climate	25° to 35° C
	Sowing Time / Planting period	Kharif – 15 <sup>th</sup> June to 15 <sup>th</sup> July Rabi – 15 <sup>th</sup> October to 15 <sup>th</sup> November
Seed Rate (Per acre)	06 to 08 kg	
Crop duration	100 to 110 days	
Productivity	50 to 55 qt/ha.	
Characters / features	<ul><li>A. Suitable for grain as well as fodder purpose.</li><li>B. Resistant to major pests and diseases.</li></ul>	
Remarks	Selection from population Improvement Method.	



# Mahatma Phule Krishi Vidyapeeth, Rahuri Information about Crop wise Improved / Hybrid Varieties Developed by University

### Panchganga (Composite)

A AA	Release year	1986	
	Name of Institute /	Mahatma Phule Krishi Vidyapeeth,	
	University	Rahuri	
	Soil type	Medium to Heavy	
<b>特殊</b> (新)	Climate	25° to 35° C	
DANGUAGANGA	Sowing Time /	Kharif – 15 <sup>th</sup> June to 15 <sup>th</sup> July	
PANCHAGANGA	Planting period	Rabi – 15 <sup>th</sup> October to 15 <sup>th</sup> November	
Seed Rate (Per acre)	06 to 08 kg		
Crop duration	85 to 95 days		
Productivity	45 to 55 qt/ha.		
	A. It is early maturing composite.		
Characters / features	B. It has white semi	3. It has white semi flint grains.	
	C. Moderately resistant to major pests and diseases.		
Remarks	Evolved by ear to row selection method from the CIMMYT-		
Kemarks	Pool-15.		

### Karveer (MPQ-13) (Composite)

	Release year	2005
	Name of Institute /	Mahatma Phule Krishi Vidyapeeth,
	University	Rahuri
	Soil type	Medium to Heavy
	Climate	25 <sup>0</sup> to 35 <sup>0</sup> C
	Sowing Time /	Kharif – 15 <sup>th</sup> June to 15 <sup>th</sup> July
	Planting period	Rabi – 15 <sup>th</sup> October to 15 <sup>th</sup> November
Seed Rate (Per acre)	06 to 08 kg	
Crop duration	95 to 100 days	
Productivity 52-55 qt/ha. (Kharif)		
Troductivity	65-68 qt/ha. ( <i>Rabi</i> ).	
	A. Medium maturity	
	B. Non lodging.	
Characters / features	C. Moderately resistant to Chilo partellus and Sitophilus	
	oryzae.	
	D. Moderately resistant to <i>Turcicum</i> leaf blight, maydis leaf	
	blight and common rust.	
Remarks	06 to 08 kg	



#### Rajarshi (Hybrid)

	Release year	2009
	Name of Institute /	Mahatma Phule Krishi Vidyapeeth,
	University	Rahuri
	Soil type	Medium to Heavy
	Climate	25 <sup>0</sup> to 35 <sup>0</sup> C
	Sowing Time /	Kharif – 15 <sup>th</sup> June to 15 <sup>th</sup> July
	Planting period	Rabi – 15 <sup>th</sup> October to 15 <sup>th</sup> November
Seed Rate (Per acre)	05 to 06 kg	
Crop duration	95 to 100 days	
Productivity	70-75 qt/ha. (Kharif), 95-100 qt/ha. (Rabi).	
	A. Suitable for <i>Kharif &amp; Rabi</i> season.	
	B. High starch content (72.25 %).	
Characters / features	C. Resistant to Chilo partellus & Sitophilus oryzae.	
	D. Moderately resistant to Turcicum leaf blight, maydis leaf	
	blight and common rust.	
Damada	High yielding Single Cross Hybrid derived from crossing of	
Remarks	GPM-456 x GPM-342	

### Phule Maharshi (QMH-1025) (Hybrid)

	Release year	2016
	Name of Institute /	Mahatma Phule Krishi Vidyapeeth,
	University	Rahuri
QMH-1025	Soil type	Medium to Heavy
	Climate	25 <sup>0</sup> to 35 <sup>0</sup> C
	Sowing Time /	Kharif – 15 <sup>th</sup> June to 15 <sup>th</sup> July
	Planting period	Rabi – 15 <sup>th</sup> October to 15 <sup>th</sup> November
Seed Rate (Per acre)	05 to 06 kg	
Crop duration	95 to 100 days	
Productivity	75-80 qt/ha. ( <i>Kharif</i> ), 85-90 qt/ha. ( <i>Rabi</i> ).	
	A. Suitable for <i>Kharif &amp; Rabi</i> season.	
	B. Resistant to Chilo partellus & Sitophilus oryzae.	
Characters / features	C. Resistant to Turcio	cum leaf blight, maydis leaf blight, Banded
	leaf and sheath blight and charcoal rot.	
	D. Medium maturity.	
D. I	High yielding Single Cross Hybrid derived from crossing of	
Remarks	QMI-1403 x QMI-1401	



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### Phule Madhu (QMHSC-1182) **Sweet Corn Hybrid**

WEET CORY MYNIGH  QMHSC-1182	Release year	2016
	Name of Institute /	Mahatma Phule Krishi Vidyapeeth,
	University	Rahuri
	Soil type	Medium to Heavy
	Climate	25 <sup>0</sup> to 35 <sup>0</sup> C
	Sowing Time /	Kharif – 15 <sup>th</sup> June to 15 <sup>th</sup> July
	Planting period	Rabi – 15 <sup>th</sup> October to 15 <sup>th</sup> November
Seed Rate (Per acre)	05 to 06 kg	
Crop duration	80 to 85 days (Green cobs)	
Productivity	125-130 qt/ha.	
	A. Suitable for <i>Kharif</i> season.	
	B. Resistant to Chilo partellus & Sitophilus oryzae.	
Characters / features	C. Resistant to <i>Turcicum</i> leaf blight, maydis leaf blight, Banded	
Characters / Teatures	leaf and sheath blight and charcoal rot.	
	D. Medium maturity.	
	E. Sweetness (Brix %): 14.89%	
Damada	High yielding Sweet Corn Hybrid derived from crossing of	
Remarks	QMISC-1407 x QMISC-1408	