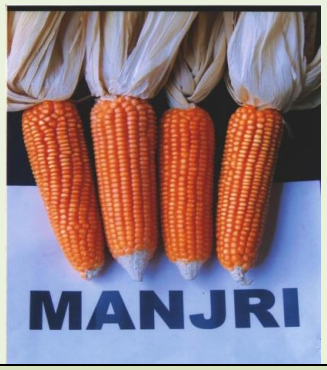
Improved / Hybrid Varieties of Maize

Hunis

	Release year	1977
	Name of Institute / University	Mahatma Phule Krishi Vidyapeeth, Rahuri
	Soil type	Medium to Heavy
	Climate	25^0 to 35^0 C
	Sowing Time / Planting period	Kharif – 15th June to 15th July Rabi – 15th October to 15th November
Seed Rate (Per acre)	06 to 08 kg	
Crop duration	85 to 95 days	
Productivity	45 to 50 qt/ha.	
Characters / features	A. Suitable for *Kharif – Rabi*. B. Suitable for intercropping in sugarcane. 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
	Name of Institute / University	Mahatma Phule Krishi Vidyapeeth, Rahuri
	Soil type	Medium to Heavy
	Climate	25^0 to 35^0 C
	Sowing Time / Planting period	Kharif – 15th June to 15th July Rabi – 15th October to 15th November
Seed Rate (Per acre)	06 to 08 kg	
Crop duration	100 to 110 days	
Productivity	50 to 55 qt/ha.	
Characters / features	A. Suitable for grain as well as fodder purpose. B. Resistant to major pests and diseases.	
Remarks	Selection from population Improvement Method.	

Panchganga (Composite)

Release year	1986
Name of Institute / University	Mahatma Phule Krishi Vidyapeeth, Rahuri
Soil type	Medium to Heavy
Climate	25^0 to 35^0 C
Sowing Time / Planting period	Kharif – 15th June to 15th July Rabi – 15th October to 15th November
Seed Rate (Per acre)	06 to 08 kg
Crop duration	85 to 95 days
Productivity	45 to 55 qt/ha.
Characters / features	A. It is early maturing composite. B. 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-Pool-15.

Karveer (MPQ-13) (Composite)

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

Rajarshi (Hybrid)

Release year	2009
Name of Institute / University	Mahatma Phule Krishi Vidyapeeth, Rahuri
Soil type	Medium to Heavy
Climate	25^0 to 35^0 C
Sowing Time / Planting period	Kharif – 15th June to 15th July Rabi – 15th October to 15th 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)*.
Characters / features	A. Suitable for *Kharif* & *Rabi* season. B. High starch content (72.25 %). C. Resistant to *Chilo partellus* & *Sitophilus oryzae*. D. Moderately resistant to *Turcicum* leaf blight, maydis leaf blight and common rust.
Remarks	High yielding Single Cross Hybrid derived from crossing of GPM-456 x GPM-342

Phule Maharshi (QMH-1025) (Hybrid)

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

Phule Madhu (QMHSC-1182)
Sweet Corn Hybrid

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