



Mahatma Phule Krishi Vidyapeeth, Rahuri

Information about Crop wise Improved / Hybrid Varieties Developed by University

Improved / Hybrid Varieties of Bajra

Shradha (RHRBH 8609) (Hybrid)



	Release year	1990 (State Release)
	Name of Institute / University	MPKV, Rahuri
	Soil type	lighter to medium
	Climate	Bajra growing areas of the scarcity zone of Maharashtra State in kharif season.
	Sowing Time / Planting period	15 th June to 15 th July
Seed Rate (Per acre)	1.5 kg	
Crop duration	70 to 75 days (early maturity)	
Productivity	25 to 27 q/ha	
Characters / features	Early maturity hybrid, Bold and gary colour seed, Compact earhead, Bristles on earhead hence less affected by birds, Resistant to downy mildew disease.	

Saburi (RHRBH 8924) (Hybrid)



	Release year	1995
	Name of Institute / University	MPKV, Rahuri
	Soil type	Lighter to medium
	Climate	
	Sowing Time / Planting period	15 th June to 15 th July
Seed Rate (Per acre)	1.5 kg	
Crop duration	76 to 80 days	
Productivity	28 to 30 q/ha	
Characters / features		



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Hybrid Shanti (RHRBH 9808)



Release year	2006 (National Release)
Name of Institute / University	MPKV, Rahuri
Soil type	lighter to medium
Climate	Western Maharashtra under kharif rainfed situation.
Soing Time / Planting period	15 th June to 15 th July
Seed Rate (Per acre)	1.5 kg
Crop duration	80 to 85 days (medium maturity)
Productivity	30 to 31 q/ha
Characters / features	Medium maturity hybrid, Mid-tall shorter than shradhha & Saburi, Bold grain with good colour, Good bread quality, National Level Release

Variety Dhanshakti ICTP 8203 10-2 Fe)



Release year	2012
Name of Institute / University	Bajra Research Station, Dhule & ICRISAT, Patancheru, Telangana
Soil type	light to medium
Climate	Bajra growing area of India under kharif rainfed situation.
Sowing Time / Planting period	15 th June to 15 th July
Seed Rate (Per acre)	1.5 kg
Crop duration	74 to 78 days (early maturity)
Productivity	22 q/ha
Characters / features	High Fe content (81 ppm), Early maturing variety, Bold globular grain with gray colour, Tolerant to downy mildew disease, Specifically suitable for drought prone environments, State & National Release



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Hybrid Phule Aadishakti (DHBH 9071)



	Release year	2015
	Name of Institute / University	Bajra Research Station, Dhule
	Soil type	light to medium
	Climate	Bajra growing area of Maharashtra under kharif rainfed situation.
	Sowing Time / Planting period	15 th June to 15 th July
Seed Rate (Per acre)	1.5 kg	
Crop duration	80 to 85 days (medium maturity))	
Productivity	32-34 q/ha	
Characters / features	Resistant to downy mildew disease, Bold globular grain with gray colour, Beneficial to seed producer due to high yielding female, Good bread quality, State Release	

Hybrid Phule Mahashakti (DHBH 1211)



	Release year	2017 (State Release)
	Name of Institute / University	Bajra Research Station, Dhule & ICRISAT, Patancheru, Telangana
	Soil type	light to medium
	Climate	Bajra growing area of Maharashtra under kharif rainfed situation.
	Sowing Time / Planting period	15 th June to 15 th July
Seed Rate (Per acre)	1.5 kg	
Crop duration	85 to 90 days	
Productivity	29-30 q/ha	
Characters / features	High Fe content (87 ppm), Very compact earhead, bold globular grain with gray colour, Tolerant to downy mildew disease.	



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MH 2114 (DHBH 1397)



	Release year	2018 (National Release)
	Name of Institute / University	Bajra Research Station, Dhule
	Soil type	light to medium
	Climate	Bajra growing area of India A zone (rainfall below 400mm) Rajasthan, Haryana, Punjab,UP, MP, Delhi and Gujrat under kharif rainfed situation.
	Sowing Time / Planting period	15 th June to 15 th July
Seed Rate (Per acre)		1.5 kg
Crop duration		78 to 80 days
Productivity		34-35 q/ha
Characters / features		Medium maturing hybrid, Long compact earhead, bold globular grain with gray colour, Resistant to downy mildew disease.