

Wheat varieties ready for commercialization



HD 3386

It is a bread wheat variety released for timely sown irrigation conditions of NWPZ. Its average yield is 62.5 q/ha. It possesses resistance to yellow and brown rust and moderate resistance against leaf blight, powdery mildew, Karnal bunt and flag smut

Average Yield (q/ha)	62.5
Plant Height	101 cm
Sowing Time	Timely sown irrigated (1 November - 15 November)
Maturity Time (Days)	144 days
Recommended Area	Punjab, Haryana, Delhi, Rajasthan (Except Kota and Udaipur division), Western UP(Except Jhansi division), Part of J & K (Kathua District), HP (Una district & Paonta Valley) & Uttrakhand (Tarai region)

HD 3385

Registered under PPV&FRA for timely sown irrigated conditions. Resistant to stripe and leaf rusts, and Karnal Bunt.

- It is a heat-tolerant, high-yielding wheat variety resistant to all three rusts (yellow, brown, black) and Karnal Bunt.
- It is suitable for early, timely, and late sowing conditions and has strong lodging tolerance due to its moderate plant height.

Average Yield (q/ha)	62.62 q/ha under NWPZ and CZ, 52.3 under NEPZ
Plant Height	98 cm
Sowing Time	Suitable for all sowing
Maturity Time (Days)	Early sowing (150 days) & Timely Sowing (141 days) under NWPZ; 135-140 days under CZ
Recommended Area	NWPZ (Except Kota and Udaipur Divisions), (Except Jhansi Division), Jammu and Kathua district of J&K, Una district and Paonta Valley of H.P and Uttarakhand (Tarai region), NEPZ (East of UP, Bihar, Jharkhand, West Bengal (excluding hills), Orissa, Assam and plains of N. E. States), CZ (Madhya Pradesh, Chhattisgarh, Gujarat, Rajasthan (excluding Kota and Udaipur), and parts of Maharashtra)



HD 3406(Unnat HD2967)

Bread wheat variety HD 3406 (Unnat HD2967) is Timely sown, Irrigated conditions of North Western Plain Zone.

- Resistant to leaf and stripe rusts, good levels of resistance to wheat blast and Karnal bunt.
- High Yielding Rust Resistant Variety with Excellent End Product Quality.

Average Yield (q/ha)	54.73
Plant Height	104 cm
Sowing Time	Timely sown irrigated (1 November - 15 November)
Maturity Time (Days)	146
Recommended Area	Punjab, Haryana, Delhi, Rajasthan, Western UP, J& K



HD 3390

HD 3390 is a biofortified, high-yielding wheat variety with excellent grain appearance, high hectoliter weight (78.2 kg/hl), and good chapati quality. It has strong heat tolerance (HSI: 0.89) and is resistant to all three rusts (yellow, brown, black rusts) and Karnal Bunt

- **Special Features:** Superior grain appearance, high grain weight, biofortified with high protein.

Average Yield (q/ha)	62.36
Plant Height	102 cm
Sowing Time	1 November – 15 November
Maturity Time (Days)	140
Recommended Area	Delhi-NCR (timely sown irrigated conditions)

HD 3388 (Pusa Yashodhara)

HD 3388 is a biofortified wheat variety with high protein content (11.47%), excellent chapati-making quality, and high heat tolerance (HSI: 0.89). It is resistant to major wheat diseases, making it a promising choice for farmers.

- **Excellent chapati quality (score 8.0) and resistant to all three rusts (yellow, brown, black rusts) and Karnal Bunt**

Average Yield (q/ha)	52
Plant Height	100 cm
Sowing Time	1 November – 15 November
Maturity Time (Days)	124
Recommended Area	• NEPZ (East of UP, Bihar, Jharkhand, West Bengal (excluding hills), Orissa, Assam and plains of N. E. States)



HD 3410

HD 3410 is a biofortified, high-protein wheat variety recommended for early sowing in Madhya Pradesh and Delhi-NCR. It performs well under conventional tillage and conservation agriculture (CA), producing high yields with good grain quality.

- **Resistant to all three rusts (yellow, brown, black rusts) and Karnal Bunt**

Average Yield (q/ha)	65.91
Plant Height	103 cm
Sowing Time	Irrigated early sown (25 October – 5 November) conventional tillage and conservation agriculture (CA) environments
Maturity Time (Days)	135–140 (MP), 150 (Delhi NCR)
Recommended Area	Delhi state and NCR; Madhya Pradesh



Pusa Ojaswi HI 1650

Released for Central Zone – Timely sown and Restricted Irrigated conditions.

• Average yield	57.2 q/ha
• Potential yield	73.8 q/ha
• Maturity	1115–120 days
• Plant height	89 cm
• 1000 grain weight	47 g (Approx)
• Recommended Area	MP, Chattisgarh, Gujrat, Kota, Udaipur division of Rajasthan & Jhansi division of UP.



Wheat variety HD 3086 (Pusa Gautami)

Released by ICAR-IARI, New Delhi



#hd3086



“Translating Research into Prosperity”

- ✕ Average Yield: **54.56 q/hectare**
- ✕ Matures on an average **143 days**
- ✕ Resistant to Yellow and Brown rust.
- ✕ Production Condition: **Timely Sown Irrigated**
- ✕ **Highest extraction rate** (70.5), chapatti score (7.65) and wet gluten percent (31.3) and therefore it may also find favour with the milling and baking industries
- ✕ Recommended Areas: North Western Plains Zone (**NWPZ**)

(Punjab, Haryana, Delhi, Rajasthan (except Kota and Udaipur Divisions), U.P. (except Jhansi Division), Parts of J&K (Kathua district), Parts of HP (Una district & Paonta Valley) and Uttarakhand (Tarai region))

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In 1777, Wheat was first planted as a hobby crop



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