

ICAR-Indian Institute of Wheat and Barley Research, Karnal

All India Coordinated Research Project on Wheat and Barley



Certificate

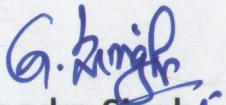


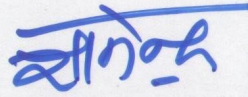
It is certified that bread wheat variety **DBW 187 (KARAN VANDANA)**
developed by

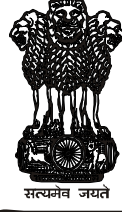
*Ravish Chatrath, Satish Kumar, Vikas Gupta, Hanif Khan, CN Mishra, Mamrutha HM,
Poonam Jasrotia, SC Bhardwaj, PL Kashyap, OP Gangwar, Raj Kumar, GP Singh,
Om Parkash Tuteja & Madan Lal*

at ICAR-Indian Institute of Wheat and Barley Research, Karnal
was released for Irrigated, Timely Sown Condition of North Eastern Plains Zone
by CVRC vide Notification No. S.O. 1498 (E) dated 01. 04. 2019.

Place : IARI-RS, Indore
Date : August 25, 2019


Gyanendra Singh
(PI, Crop Improvement)


GP Singh
(Director)



भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

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नई दिल्ली, मंगलवार, अप्रैल 2, 2019/चैत्र 12, 1941

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NEW DELHI, TUESDAY, APRIL 2, 2019/CHAITRA 12, 1941

कृषि एवं किसान कल्याण मंत्रालय

(कृषि, सहकारिता एवं किसान कल्याण विभाग)

अधिसूचना

नई दिल्ली, 1 अप्रैल, 2019

का.आ. 1498(अ).—केंद्रीय सरकार, बीज अधिनियम, 1966 (1966 का 54) की धारा 5 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, केंद्रीय बीज समिति से परामर्श के पश्चात, यह राय होने पर कि नीचे की सारणी के स्तंभ (3) में विनिर्दिष्ट किस्मों के बीजों के प्रकारों की गुणवत्ता, जो उक्त सारणी के स्तंभ (2) में तत्स्थानी प्रविष्टियों में विनिर्दिष्ट प्रकार के हैं, का विनियमन करना आवश्यक और समीचीन है, यह घोषणा करती है कि बीजों की उक्त किस्में उक्त सारणी के स्तंभ (4) में तत्स्थानी प्रविष्टियों में उल्लिखित राज्यों के लिए कृषि प्रयोजन के लिए विक्रित किए जाने के लिए अधिसूचित किस्में होंगी, और राजपत्र में इस अधिसूचना के प्रकाशन की तारीख से उक्त अधिनियम के प्रयोजनों के लिए संपूर्ण भारत के लिए अधिसूचित किस्में होंगी, अर्थात्:-

सारिणी

क्रम सं.	प्रकार	किस्म	बिक्री के लिए संस्तुत राज्य
(1)	(2).	(3)	(4)
1.	चावल	मुक्ताश्री (आईइटी 21845)	पश्चिमी बंगाल ।
2.	चावल	कृष्णा (आरएनआर-2458) (आईइटी-21492)	तेलंगाना ।

			Uttarakhand.
45.	Wheat	Pusa Yashasvi (HD 3226)	Punjab, Haryana, Delhi, Rajasthan (except Kota and Udaipur division), Uttar Pradesh (except Jhansi division), Jammu and Kathua district of Jammu and Kashmir, Ponta Valley and Una district of Himachal Pradesh and Uttarakhand.
46.	Wheat	Karan Vandana (DBW 187)	Eastern Uttar Pradesh, Bihar, Jharkhand, West Bengal (excluding hills), Odisha, Assam and plains of Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura.
47.	Wheat	Chhattisgarh Amber Wheat (CG 1018)	Chhattisgarh.
48.	Wheat	Jammu Wheat 584 (JW 584)	Jammu.
49.	Wheat	VL Gehun 967 (VL 967)	Uttarakhand.
50.	Wheat	VL Gehun 3004 (VL 3004)	Uttarakhand.
51.	Wheat	VL Gehun 2014 (VL 2014)	Uttarakhand.
52.	Wheat	Unnat PBW 550	Punjab.
53.	Wheat	UP 2844	Uttarakhand.
54.	Wheat	UP 2855	Uttarakhand.
55.	Wheat	UP 2865	Uttarakhand.
56.	Barley	VLB 130	Uttarakhand.
57.	Maize	JMC-3 (PMSY 3)	Jammu.
58.	Maize	PAC 751	Uttar Pradesh.
59.	Maize	Jawahar Maize 218	Madhya Pradesh
60.	Maize (Hybrid)	Pusa Jawahar Hybrid Maize-1	Madhya Pradesh.
61.	Maize	Gujarat Anand Yellow Maize Hybrid 3 (GAYMH 3) (GYH-0363)	Gujarat.
62.	Maize	ADV 762 (ADV 7022)	Karnataka, Andhra Pradesh, Telangana, Maharashtra and Tamil Nadu.
63.	Maize	VL Maize Hybrid - 57 (FH 3754)	Jammu and Kashmir, Himachal Pradesh, Uttarakhand (hills), Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura.
64.	Sorghum	Jaicar Heera (CSV 36/ SPV 2301)	Gujarat, Rajasthan, Andhra Pradesh and

New Proposal for identification of Wheat Variety

DBW187

Bread Wheat (*Triticum aestivum* L.)

for

Irrigated Early Sown and High Fertility Conditions of NWPZ

(Punjab, Haryana, Delhi, Rajasthan (except Kota and Udaipur divisions) and Western UP (except Jhansi division), parts of J&K (Jammu and Kathua distt.) and parts of HP (Una dist. and Paonta valley) and Uttaranchal (Tarai region))



Submitted to

Varietal Identification Committee

**59th All India Wheat & Barley Research Workers' Virtual Meet
24-25 August, 2020, IIWBR, Karnal**



**ICAR- Indian Institute of Wheat and Barley Research
Karnal Haryana - 132001**



Proforma for Submission of Proposals for Identification of Crop Varieties/ Hybrids by Workshops



Indian Council of Agricultural Research

Identification proposal for wheat Varieties/ Hybrids by Workshops

1	Name of the crop and species	:	Wheat (<i>Triticum aestivum</i> L.)																																						
2	a) Name of the variety under which tested in AICRP trials	:	DBW 187																																						
	b) Proposed name of the variety	:	KARAN VANDANA (DBW 187)																																						
3	Sponsored by (institute)	:	Director, ICAR-IIWBR Karnal, Haryana- 132001																																						
4	a) Institution or agency responsible for developing variety	:	ICAR-IIWBR Karnal, Haryana- 132001																																						
	b) Name of the person who helped in the development of the variety	:	<table><tr><td></td><td>Developers</td></tr><tr><td>Ravish Chatrath</td><td>Breeder: Planning, selection & evaluation</td></tr><tr><td>Satish Kumar</td><td>Breeder: Selections and evaluation in yield trials</td></tr><tr><td>Vikas Gupta</td><td>Breeder: Selection and micronutrient analysis</td></tr><tr><td>Hanif Khan</td><td>Breeder: Yield evaluation</td></tr><tr><td>C N Mishra</td><td>Breeder: Yield evaluation and generation advancement</td></tr><tr><td>Mamrutha H M</td><td>Physiologist: Screening for heat tolerance</td></tr><tr><td>Poonam Jasrotia</td><td>Entomologist: Evaluation against insects</td></tr><tr><td>S C Bhardwaj</td><td>SRT data generation</td></tr><tr><td>P L Kashyap</td><td>Pathologist: Screening for rusts</td></tr><tr><td>O P Gangwar</td><td>Pathologist: SRT analysis</td></tr><tr><td>Raj Kumar</td><td>Breeder: Seed production</td></tr><tr><td>Om Parkash Tuteja</td><td>Assistance in varietal development</td></tr><tr><td>Madan Lal</td><td>Farm support</td></tr><tr><td>G P Singh</td><td>Breeder: Overall monitoring and guidance</td></tr><tr><td></td><td>Collaborators</td></tr><tr><td>R K Sharma</td><td>Conducting agronomic trials</td></tr><tr><td>D P Singh</td><td>Evaluation for disease response</td></tr><tr><td>Sewa Ram</td><td>Evaluation for grain quality</td></tr></table>		Developers	Ravish Chatrath	Breeder: Planning, selection & evaluation	Satish Kumar	Breeder: Selections and evaluation in yield trials	Vikas Gupta	Breeder: Selection and micronutrient analysis	Hanif Khan	Breeder: Yield evaluation	C N Mishra	Breeder: Yield evaluation and generation advancement	Mamrutha H M	Physiologist: Screening for heat tolerance	Poonam Jasrotia	Entomologist: Evaluation against insects	S C Bhardwaj	SRT data generation	P L Kashyap	Pathologist: Screening for rusts	O P Gangwar	Pathologist: SRT analysis	Raj Kumar	Breeder: Seed production	Om Parkash Tuteja	Assistance in varietal development	Madan Lal	Farm support	G P Singh	Breeder: Overall monitoring and guidance		Collaborators	R K Sharma	Conducting agronomic trials	D P Singh	Evaluation for disease response	Sewa Ram	Evaluation for grain quality
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5	a) Parentage (with details of its pedigree including source from which variety/ Inbred/A, B and R lines of hybrid has been developed)	:	NAC/TH.AC//3*PVN/3/MIRLO/BUC/4/2*PASTOR/5/KACHU/6/KACHU (45 th IBWSN - 1316) Selection history: CMSS06B00734T-099TOPY-099ZTM-099Y-099M-5WGY-0B																																						
	b) Source of material in case of introduction	:	NA																																						
	c) DNA profile of variety vis à-vis check variety/ line	:	Please see Table No. 7 (Page No. 24-25)																																						
	d) Breeding method used	:	Selection																																						
	e) Breeding objective	:	To develop high yielding wheat varieties, harnessing its																																						

Signature of all contributors

Name of the Developer	Signature
Ravish Chatrath	<i>Ravish Chatrath</i>
Satish Kumar	<i>Satish</i>
Vikas Gupta	<i>Vikas</i>
Hanif Khan	<i>Hanif</i>
C N Mishra	<i>C N Mishra</i>
Mamrutha HM	<i>Mamrutha H. M.</i>
Poonam Jasrotia	<i>Poonam</i>
S C Bhardwaj	<i>S C Bhardwaj</i>
P L Kashyap	<i>P L Kashyap</i>
O P Gangwar	<i>O P Gangwar</i>
Raj Kumar	<i>Raj Kumar</i>
Om Parkash	<i>Om Parkash</i>
Madan Lal	<i>Madan Lal</i>
Gyanendra Pratap Singh	<i>Gyanendra</i>

Proposed by

Hanif Khan
(Hanif Khan)

Sr. Scientist, ICAR-IIWBR, Karnal

Gyanendra Singh
(Gyanendra Singh)

PI-CI, ICAR-IIWBR Karnal

G P Singh
24.7.2020

(G P Singh)

Director, ICAR-IIWBR Karnal

डॉ. जी.पी सिंह/Dr. G.P. Singh

निदेशक/Director

भा.कृ.अनु.प्र.-भारतीय गेहूँ एवं जौ अनुसंधान संस्थान
ICAR-Indian Institute of Wheat & Barley Research
करनाल-132001(भारत)/KARNAL-132001 (India)