

**SPECIAL SESSION**  
**Varietal Identification Committee Meeting**

**August 28, 2023**

**Chairman:** Dr. T R Sharma, DDG(CS)

**September 05, 2023**

**Member Secretary:** Dr. Gyanendra Singh, Director, IIWBR

**Venue:** Dean's Committee Room, RCA, MUAT, Udaipur  
Office of DDG (CS), ICAR Hqrs., KB, New Delhi

The meeting of Varietal Identification Committee of Wheat & Barley was held on 28 August 2023 during 62<sup>nd</sup> AGM of All India Coordinated Research Project (AICRP) on Wheat & Barley under the Chairmanship of Dr. T R Sharma, DDG (CS). The following members participated in the meeting:

1. Dr. T R Sharma, DDG (CS), ICAR, Krishi Bhavan, New Delhi (*Chairman*)
2. Dr. S K Pradhan, ADG (FFC), ICAR, Krishi Bhawan New Delhi
3. Dr. D K Yadav, ADG (Seed), ICAR, Krishi Bhawan New Delhi
4. Dr. P K Singh, Agriculture Commissioner, GOI, MOAFW (*Online*)
5. Dr. Sanjay Kumar, Director, ICAR-IISS, Mau Nath Bhanjan
6. Dr. M S Saharan, Head, Plant Pathology Division, IARI, New Delhi
7. Dr. P K Tyagi, GM (Production), NSC, Beej Bhawan, Pusa Campus, New Delhi
8. Dr. Arvind Verma, Director Research, MPUAT, Udaipur
9. Dr. G P Singh, Director, ICAR-NBPGR, New Delhi (*Online*)
10. Dr. Ravish Chatrath, Emeritus Scientist, Karnal
11. Dr. S K Sharma, MD, Signet Crop Science India Pvt., Ltd
12. Dr. Gyanendra Singh, Director, ICAR-IIWBR, Karnal (*Member Secretary*)

All Principal Investigators (PI) from IIWBR, Karnal also attended as Non-Voting members.

The wheat & barley varietal proposals were examined during this meeting. Some of the proposals were considered for identification in this meeting.

Subsequently, to reconsider the pending proposals, a meeting was held on 05.09.2023 at 5:00 pm, in the Office of the Deputy Director General (CS), ICAR Hqrs., Krishi Bhavan, New Delhi.

The meeting was attended by:

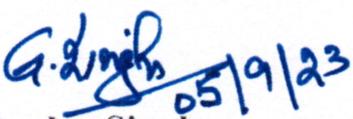
1. Dr. T R Sharma, DDG (CS), ICAR, Krishi Bhavan, New Delhi (*Chairman*)
2. Dr. P K Singh, Agriculture Commissioner, GOI, MOAFW
3. Dr. M S Saharan, Head, Plant Pathology Division, IARI, New Delhi
4. Dr. Ravish Chatrath, Emeritus Scientist, Karnal
5. Dr. Gyanendra Singh, Director, ICAR-IIWBR, Karnal (*Member Secretary*)

Other members were apprised of the concerns and their input was taken before the decisions taken on the suitability of the proposals. After detailed deliberations, during both the meetings, the following recommendations unanimously, as indicated against each proposal were made:

SN	Name of Variety	Production conditions	Recommendations
<b>North Western Plains Zone (NWPZ):</b> Punjab, Haryana, Delhi, Rajasthan (excluding Kota and Udaipur division), Western Uttar Pradesh (except Jhansi division), Jammu and Kathua district of Jammu & Kashmir, Paonta Valley and Una district of Himachal Pradesh and Tarai region of Uttarakhand.			
1.	HD3386	IR-TS	The variety was <b>identified</b> based on its <b>superior yield</b> and <b>disease resistance</b> .
2.	WH1402	RI-TS	The genotype was <b>identified</b> based on its <b>yield superiority</b> , <b>disease resistance</b> and <b>superior grain quality</b> .
<b>North Eastern Plains Zone (NEPZ):</b> Eastern UP, Bihar, Jharkhand, Orissa, West Bengal, Assam and plains of NE States.			
3.	HD3388	IR-TS	The variety was <b>identified</b> based on its <b>superior yield</b> and <b>disease resistance</b> .

<b>Central Zone (CZ):</b> Madhya Pradesh, Gujarat, Rajasthan and Chhattisgarh states.			
4.	NWS2194	IR-TS	Both the genotypes were considered together. NWS2194 was <b>identified</b> for release due to its <b>heat tolerance (HSI = 0.97)</b> and being <b>highly resistant</b> to black and brown rusts. GW547 was <b>identified</b> as based on its superior grain quality, <b>protein content (12.6%)</b> , <b>sedimentation value (55.2cc)</b> and <b>zinc content (40.5ppm)</b>
5.	GW547	IR-TS	
6.	DBW359	RI-TS	Both the proposals were considered together and <b>both were identified.</b>
7.	CG1040	RI-TS	CG1040 was having yield advantage and superior grain quality. DBW359 had better disease resistance and grain quality such as <b>sedimentation value (55.5cc)</b> and <b>iron content (40.3ppm).</b>
8.	DBW377	ES-HF	The genotype was <b>identified</b> as it had yield advantage to the check varieties and also resistance to <b>wheat blast</b> disease.
<b>Peninsular Zone (PZ):</b> Maharashtra, Karnataka and plains of Tamil Nadu			
9.	MP1378	IR-TS	The proposal was considered by the committee and <b>identified</b> based on its yield superiority and disease resistance.
10.	HI1665	RI-TS	All the three breadwheat genotypes were considered together, and <b>were identified</b> for release based on yield and other parameters as indicated below: HI1665: <b>Protein content (12.0 %)</b> , <b>Low gluten index (44)</b> and high <b>Grain zinc (40.0 ppm)</b> . DBW359: Better disease resistance and grain quality such as <b>sedimentation value (55.5cc)</b> and <b>iron content (40.3ppm).</b>
11.	DBW359	RI-TS	
12.	NIAW4028	RI-TS	NIAW4028: Rust resistance, <b>Protein content (12.4%)</b> , <b>sedimentation value (59.0cc).</b>
13.	UAS478(d)	RI-TS	Both the genotypes were considered together.
14.	HI8840(d)	RI-TS	UAS478(d) was <b>identified</b> based on yield superiority and better grain quality: High yellow pigment content ( <b>7.2 ppm</b> ). HI8840(d) was <b>identified</b> based on its yield advantage along with superior grain quality: high <b>grain zinc (41.1 ppm)</b> , and excellent yellow pigment ( <b>7.3 ppm</b> ).
<b>North Western Plains Zone (NWPZ):</b> Punjab, Haryana, Delhi, Rajasthan (excluding Kota and Udaipur division), Western Uttar Pradesh (except Jhansi division), Jammu and Kathua district of Jammu & Kashmir, Paonta Valley and Una district of Himachal Pradesh and Tarai region of Uttarakhand.			
15.	DWRB219	IR-TS	The barley genotypes was <b>identified</b> , based on its yield superiority and malt quality.
<b>Proposals for Area Extension</b>			
16.	DBW327	CZ HF-ES	The variety was <b>recommended for area extension</b> in MP, Gujarat, Rajasthan, Chhattisgarh states.

At the end, the Member Secretary proposed a formal vote of thanks to the Chairman and members of the committee.

  
Gyanendra Singh  
(Member Secretary)

  
Tilak Raj Sharma  
(Chairman)