

2008-NIVT-5B-RI-TS-TDM-NAT-ZONE, 2020-21

LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	CZ																	
			M.P.								Chhattisgarh		Rajasthan							
			Indore			Powarkheda			Sagar		Jabalpur		Bilaspur		Udaipur					
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G			
1	UAS478(d)	N801	36.1	11	0	31.6	17	0	54.6	6	0	36.0	20	0	31.6	3	1	44.0	15	0
2	HI1666	N802	38.6	6	0	33.0	13	0	55.3	4	0	41.2	10	0	26.5	9	0	37.6	23	0
3	DBW358	N803	36.0	12	0	36.5	7	1	57.8	3	0	45.5	5	1	26.1	14	0	45.1	13	0
4	MPO1376(d)	N804	35.0	14	0	31.2	20	0	44.0	22	0	38.6	17	0	26.0	15	0	33.4	24	0
5	DDW58(d)	N805	32.5	18	0	31.6	17	0	39.0	25	0	45.5	4	1	24.8	21	0	33.1	25	0
6	GW532	N806	34.4	15	0	35.4	9	0	49.0	11	0	32.3	25	0	26.3	11	0	46.6	11	0
7	MACS6795	N807	45.6	2	1	34.4	11	0	47.4	14	0	35.5	21	0	24.4	24	0	48.2	8	1
8	CG1040	N808	40.1	5	0	41.0	1	1	45.5	18	0	43.8	8	1	34.2	1	1	46.8	10	0
9	AKAW5351	N809	35.2	13	0	26.0	24	0	39.6	24	0	36.9	19	0	24.7	22	0	53.0	3	1
10	HI8839(d)	N810	37.6	7	0	35.3	10	0	58.1	2	0	47.1	2	1	24.9	18	0	42.7	18	0
11	MACS4107(d)	N811	37.1	9	0	36.9	6	1	45.7	17	0	39.7	14	0	25.6	16	0	38.7	21	0
12	DBW359	N812	43.2	3	1	39.2	3	1	49.1	10	0	38.6	16	0	24.7	23	0	50.2	6	1
13	MP1377	N813	28.8	23	0	32.4	15	0	54.4	7	0	34.4	23	0	27.2	8	0	45.5	12	0
14	MP3544	N814	27.5	24	0	33.0	13	0	41.3	23	0	40.3	12	0	27.6	7	0	41.3	20	0
15	NIAW3922	N816	31.9	19	0	30.2	21	0	48.4	12	0	38.0	18	0	24.9	18	0	43.8	16	0
16	HI1665	N818	46.9	1	1	36.0	8	0	45.4	19	0	38.9	15	0	24.3	25	0	53.1	2	1
17	NIAW4028	N819	36.4	10	0	28.8	22	0	46.1	16	0	39.9	13	0	28.3	6	0	42.9	17	0
18	HI8840(d)	N821	41.4	4	1	32.3	16	0	55.3	5	0	40.5	11	0	26.3	11	0	55.1	1	1
19	UAS3019	N822	31.5	20	0	37.2	5	1	44.2	21	0	43.7	9	1	29.3	5	0	50.4	4	1
20	HD3401	N823	37.5	8	0	40.5	2	1	46.5	15	0	45.6	3	1	31.7	2	1	49.0	7	1
21	GW1359(d)	N824	30.9	21	0	26.2	23	0	49.7	8	0	48.4	1	1	26.4	10	0	50.4	5	1
22	DBW110 (C)	N817	30.7	22	0	31.6	17	0	45.3	20	0	33.8	24	0	24.9	18	0	44.4	14	0
23	HI1605 (C)	N820	34.0	17	0	39.0	4	1	47.9	13	0	43.9	7	1	29.7	4	0	47.5	9	1
24	UAS446(d) (C)	N815	24.6	25	0	24.7	25	0	49.5	9	0	34.4	22	0	26.2	13	0	38.7	22	0
25	HI8627(d) (C)	N825	34.1	16	0	34.2	12	0	68.5	1	1	45.3	6	1	25.6	17	0	42.0	19	0
G.M.			35.5			33.5			49.1			40.3			26.9			44.9		
S.E.(M)			2.390			1.845			2.204			2.748			1.493			3.329		
C.D. (10%)			5.8			4.5			5.3			6.8			3.6			8.2		
C.V.			9.5			7.8			6.3			9.6			7.9			10.5		
D.O.S.(dd.mm.yy)			03.11.20			05.11.20			02.11.20			08.11.20			02.11.20			07.11.20		

No. of Trials : Proposed = 20 Conducted = 20

Trials not reported (04) = Bagalkot (RMT), Kolhapur (RMT), Akola (LSM), Parbhani (LSM)

2008-NIVT-5B-RI-TS-TDM-NAT-ZONE, 2020-21

LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	CZ									PZ								
			Gujarat									Karnataka								
			Vijapur			Junagadh			Dhandhuka			Dharwad		Nippani		Ugar-Khurd				
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G			
1	UAS478(d)	N801	39.4	19	0	24.0	18	0	32.3	21	0	30.0	2	1	45.7	1	1	44.9	1	1
2	HI1666	N802	35.1	21	0	27.1	12	0	38.7	6	0	27.7	13	1	27.1	20	0	24.3	20	0
3	DBW358	N803	54.7	2	1	30.7	3	1	36.4	9	0	29.5	4	1	40.2	4	1	39.6	2	1
4	MPO1376(d)	N804	22.3	25	0	23.1	20	0	31.8	22	0	28.6	10	1	29.8	16	0	32.0	9	0
5	DDW58(d)	N805	40.0	18	0	23.8	19	0	28.5	24	0	29.7	3	1	26.3	21	0	25.8	18	0
6	GW532	N806	49.5	4	1	27.6	11	0	36.7	8	0	25.2	17	0	31.3	13	0	25.5	19	0
7	MACS6795	N807	51.3	3	1	33.0	2	1	36.1	10	0	25.2	16	0	28.0	18	0	22.4	23	0
8	CG1040	N808	41.9	14	0	26.5	14	0	35.6	13	0	28.7	9	1	24.4	23	0	35.2	4	0
9	AKAW5351	N809	33.2	22	0	25.6	16	0	37.2	7	0	24.6	19	0	34.0	10	0	29.5	14	0
10	HI8839(d)	N810	46.4	6	0	21.3	23	0	32.5	20	0	22.1	21	0	38.8	5	1	34.6	6	0
11	MACS4107(d)	N811	40.2	17	0	22.2	22	0	30.9	23	0	23.2	20	0	32.3	12	0	28.6	16	0
12	DBW359	N812	43.9	10	0	30.1	5	1	33.3	19	0	29.0	6	1	34.0	9	0	35.8	3	0
13	MP1377	N813	46.5	5	0	29.3	8	0	33.8	16	0	19.5	23	0	18.7	24	0	20.3	25	0
14	MP3544	N814	40.2	16	0	28.5	10	0	36.0	11	0	25.3	15	0	31.1	14	0	33.3	8	0
15	NIAW3922	N816	46.4	7	0	26.3	15	0	33.5	18	0	30.8	1	1	41.3	3	1	33.9	7	0
16	HI1665	N818	43.6	12	0	28.8	9	0	46.0	2	1	27.8	12	1	33.2	11	0	31.0	11	0
17	NIAW4028	N819	45.4	8	0	29.8	6	1	43.6	3	0	28.8	7	1	35.8	6	0	28.6	15	0
18	HI8840(d)	N821	41.6	15	0	24.1	17	0	35.8	12	0	28.3	11	1	35.5	7	0	34.7	5	0
19	UAS3019	N822	45.2	9	0	30.6	4	1	39.0	5	0	29.3	5	1	14.9	25	0	30.6	13	0
20	HD3401	N823	56.9	1	1	29.5	7	0	41.9	4	0	16.8	25	0	30.0	15	0	22.1	24	0
21	GW1359(d)	N824	43.7	11	0	19.7	25	0	48.6	1	1	20.3	22	0	27.5	19	0	23.7	21	0
22	DBW110 (C)	N817	36.9	20	0	26.9	13	0	34.0	15	0	25.1	18	0	34.8	8	0	31.1	10	0
23	HI1605 (C)	N820	42.5	13	0	34.3	1	1	33.7	17	0	28.8	8	1	26.3	22	0	22.7	22	0
24	UAS446(d) (C)	N815	33.0	23	0	20.6	24	0	25.9	25	0	19.4	24	0	28.1	17	0	30.6	12	0
25	HI8627(d) (C)	N825	31.3	24	0	22.9	21	0	34.5	14	0	27.4	14	1	41.6	2	1	26.9	17	0
G.M.			42.0			26.6			35.9			26.1			31.6			29.9		
S.E.(M)			3.478			1.797			1.709			1.948			3.225			3.098		
C.D. (10%)			8.6			4.3			4.1			4.7			8.0			7.5		
C.V.			11.7			9.5			6.7			10.6			14.4			14.6		
D.O.S.(dd.mm.yy)			09.11.20			06.11.20			06.11.20			05.11.20			10.11.20			10.11.20		

2008-NIVT-5B-RI-TS-TDM-NAT-ZONE, 2020-21

LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	PZ											
			Karnataka			Maharashtra								
			Bailhongal			Niphad			Pune			Savalvahir		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	UAS478(d)	N801	31.9	5	1	32.7	8	1	31.3	15	0	22.1	20	0
2	HI1666	N802	20.1	24	0	35.0	2	1	32.2	13	0	27.3	8	0
3	DBW358	N803	32.7	4	1	25.2	19	0	36.3	7	1	26.7	10	0
4	MPO1376(d)	N804	25.9	17	0	23.2	22	0	24.9	25	0	22.0	21	0
5	DDW58(d)	N805	23.8	21	0	28.5	15	0	27.2	22	0	20.9	22	0
6	GW532	N806	29.1	7	0	32.1	9	1	35.4	9	1	28.0	5	0
7	MACS6795	N807	26.0	16	0	31.7	10	1	37.4	5	1	20.8	24	0
8	CG1040	N808	28.4	12	0	28.0	16	0	30.2	19	0	28.6	4	0
9	AKAW5351	N809	24.1	19	0	22.8	23	0	31.2	16	0	22.3	19	0
10	HI8839(d)	N810	28.9	8	0	24.6	21	0	28.2	21	0	26.7	9	0
11	MACS4107(d)	N811	23.9	20	0	24.8	20	0	32.8	11	0	26.6	11	0
12	DBW359	N812	28.2	13	0	34.0	5	1	37.8	3	1	33.7	1	1
13	MP1377	N813	18.3	25	0	26.1	17	0	33.0	10	0	25.0	14	0
14	MP3544	N814	23.3	22	0	34.2	4	1	35.5	8	1	25.0	13	0
15	NIAW3922	N816	33.2	2	1	31.3	12	1	26.9	23	0	27.3	7	0
16	HI1665	N818	37.5	1	1	30.4	13	0	37.7	4	1	24.8	15	0
17	NIAW4028	N819	32.9	3	1	37.0	1	1	37.1	6	1	32.8	2	1
18	HI8840(d)	N821	29.5	6	0	31.3	11	1	28.7	20	0	25.4	12	0
19	UAS3019	N822	28.5	11	0	34.4	3	1	39.1	1	1	31.3	3	1
20	HD3401	N823	22.7	23	0	33.4	6	1	32.7	12	0	22.7	18	0
21	GW1359(d)	N824	28.8	9	0	19.9	25	0	26.4	24	0	19.5	25	0
22	DBW110 (C)	N817	27.5	15	0	29.3	14	0	32.1	14	0	27.5	6	0
23	HI1605 (C)	N820	28.5	10	0	32.8	7	1	38.6	2	1	23.9	16	0
24	UAS446(d) (C)	N815	28.0	14	0	21.8	24	0	30.5	17	0	20.9	23	0
25	HI8627(d) (C)	N825	24.2	18	0	25.3	18	0	30.2	18	0	23.2	17	0
G.M.			27.4			29.2			32.5			25.4		
S.E.(M)			2.808			2.868			2.177			1.838		
C.D. (10%)			6.9			6.9			5.4			4.4		
C.V.			14.5			13.9			9.5			10.2		
D.O.S.(dd.mm.yy)			07.11.20			08.11.20			06.11.20			10.11.20		

2008-NIVT-5B-RI-TS-TDM-NAT-ZONE, 2020-21

ZONAL AND NATIONAL MEANS (q/ha)

SN	Variety	Code	CZ			PZ			National		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	UAS478(d)	N801	36.6	17	0	34.1	1	1	35.5	5	0
2	HI1666	N802	37.0	15	0	27.7	16	0	32.9	16	0
3	DBW358	N803	41.0	2	1	32.9	4	1	37.4	1	1
4	MPO1376(d)	N804	31.7	24	0	26.6	20	0	29.5	24	0
5	DDW58(d)	N805	33.2	23	0	26.0	21	0	30.1	23	0
6	GW532	N806	37.5	14	0	29.5	11	0	34.0	14	0
7	MACS6795	N807	39.5	4	0	27.3	18	0	34.2	13	0
8	CG1040	N808	39.5	5	0	29.1	13	0	34.9	9	0
9	AKAW5351	N809	34.6	21	0	26.9	19	0	31.2	21	0
10	HI8839(d)	N810	38.4	10	0	29.1	12	0	34.4	11	0
11	MACS4107(d)	N811	35.2	19	0	27.5	17	0	31.8	20	0
12	DBW359	N812	39.1	8	0	33.2	3	1	36.6	3	1
13	MP1377	N813	36.9	16	0	23.0	25	0	30.8	22	0
14	MP3544	N814	35.1	20	0	29.7	9	0	32.7	17	0
15	NIAW3922	N816	35.9	18	0	32.1	5	1	34.3	12	0
16	HI1665	N818	40.3	3	1	31.8	6	0	36.6	2	1
17	NIAW4028	N819	37.9	12	0	33.3	2	1	35.9	4	0
18	HI8840(d)	N821	39.1	7	0	30.5	7	0	35.4	6	0
19	UAS3019	N822	39.0	9	0	29.7	8	0	34.9	8	0
20	HD3401	N823	42.1	1	1	25.8	22	0	35.0	7	0
21	GW1359(d)	N824	38.2	11	0	23.7	24	0	31.9	19	0
22	DBW110 (C)	N817	34.3	22	0	29.6	10	0	32.2	18	0
23	HI1605 (C)	N820	39.2	6	0	28.8	14	0	34.6	10	0
24	UAS446(d) (C)	N815	30.8	25	0	25.6	23	0	28.6	25	0
25	HI8627(d) (C)	N825	37.6	13	0	28.4	15	0	33.6	15	0
G.M.			37.2			28.9			33.6		
S.E.(M)			0.810			0.990			0.628		
C.D. (10%)			1.9			2.3			1.5		

Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial : NIVT 5B-RI-TS-TDM, 2020-21

SN	Variety	Code	Disease Reaction	Agronomic Characteristics								Grain Characteristics			
			Br	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	UAS478(d)	N801	0	57-74	67	77-131	115	64-97	80	0	Ey	A	SH	41-47	44
2	HI1666	N802	0	50-70	63	73-122	110	68-116	90	0	Ey	A	SH	42-50	46
3	DBW358	N803	0	53-76	65	76-128	114	62-96	83	0	Ey	A	SH	42-53	48
4	MPO1376(d)	N804	0	54-66	62	73-122	110	59-82	75	30	Ey	A	H	47-56	50
5	DDW58(d)	N805	0	58-78	68	79-139	116	68-89	78	0	M	A	H	45-54	47
6	GW532	N806	0	51-69	62	76-126	111	56-92	83	0	Ey	A	SH	42-54	48
7	MACS6795	N807	0	52-77	66	79-130	114	70-93	83	0	Ey	A	SH	37-45	41
8	CG1040	N808	0	55-81	68	78-130	114	77-104	92	0	Ey	A	SH	44-53	47
9	AKAW5351	N809	10MR	63-82	73	84-135	118	83-138	114	40	Ey	A	SH	38-49	43
10	HI8839(d)	N810	0	57-76	65	76-132	113	63-84	76	0	Ey	A	H	41-57	49
11	MACS4107(d)	N811	0	54-68	63	74-130	112	69-107	95	5	M	A	SH	46-62	55
12	DBW359	N812	0	52-74	65	71-129	111	70-103	87	0	Ey	A	SH	42-51	46
13	MP1377	N813	0	51-74	64	77-129	112	64-93	81	0	Ey	A	SH	42-53	47
14	MP3544	N814	0	56-77	67	78-125	113	60-90	79	0	Ey	A	SH	35-55	41
15	NIAW3922	N816	0	50-69	62	76-130	111	63-95	85	0	M	A	SH	42-50	46
16	HI1665	N818	0	52-77	66	77-130	114	64-101	90	0	Ey	A	SH	40-48	44
17	NIAW4028	N819	0	53-76	65	76-127	112	68-94	85	0	M	A	SH	46-59	49
18	HI8840(d)	N821	0	60-71	65	77-126	113	65-89	81	0	Ey	A	H	33-57	47
19	UAS3019	N822	0	51-76	65	75-125	112	69-98	86	0	Ey	A	SH	43-54	47
20	HD3401	N823	0	54-76	66	79-130	114	69-97	86	0	Ey	A	SH	40-52	44
21	GW1359(d)	N824	5R	66-78	71	81-128	117	62-84	77	0	M	A	H	42-56	48
22	DBW110 (C)	N817	0	57-83	69	79-129	116	66-92	80	0	Ey	A	SH	41-52	45
23	HI1605 (C)	N820	0	64-78	71	79-125	113	68-101	89	0	M	A	SH	38-45	42
24	UAS446(d) (C)	N815	0	56-82	68	79-127	115	64-88	81	0	Ey	A	H	39-48	43
25	HI8627(d) (C)	N825	0	70-81	75	81-130	117	69-97	86	15	Ey	A	H	40-57	46

1. Ancillary data from Bilaspur, Dhandhuka, Indore, Jabalpur, Sagar, Powerkheda, Junagadh, Vijapur and Udaipur.
2. Brown rust data Junagadh and Vijapur.
3. Data on lodging from Jabalpur, Udaipur and Vijapur.

NIVT 5B-RI-TS-TDM, 2020-21
Central Zone
Individual Station Rust Data

SN	Variety	Code	Brown Rust	
			Junagadh	Vijapur
1	UAS478(d)	N801	0	0
2	HI1666	N802	0	0
3	DBW358	N803	0	0
4	MPO1376(d)	N804	0	0
5	DDW58(d)	N805	0	0
6	GW532	N806	0	0
7	MACS6795	N807	0	0
8	CG1040	N808	0	0
9	AKAW5351	N809	5MR	10MR
10	HI8839(d)	N810	0	0
11	MACS4107(d)	N811	0	0
12	DBW359	N812	0	0
13	MP1377	N813	0	0
14	MP3544	N814	0	0
15	NIAW3922	N816	0	0
16	HI1665	N818	0	0
17	NIAW4028	N819	0	0
18	HI8840(d)	N821	0	0
19	UAS3019	N822	0	0
20	HD3401	N823	0	0
21	GW1359(d)	N824	5R	0
22	DBW110 (C)	N817	0	0
23	HI1605 (C)	N820	0	0
24	UAS446(d) (C)	N815	0	0
25	HI8627(d) (C)	N825	0	0

Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

Trial: NIVT 5B-RI-TS-TDM, 2020-21

SN	Variety	Code	Agronomic Characteristics							Grain Characteristics				
			Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	UAS478(d)	N801	57-69	64	101-113	108	68-89	76	5	Ey	A	H	31-44	38
2	HI1666	N802	50-65	59	96-112	103	75-93	84	0	Ey	A	H	33-47	41
3	DBW358	N803	54-64	59	98-122	105	70-84	78	0	M	A	SH	38-52	45
4	MPO1376(d)	N804	52-66	58	97-110	103	66-84	75	40	Ey	A	H	37-52	46
5	DDW58(d)	N805	55-69	64	97-113	107	63-84	74	0	Ey	A	SH	36-49	44
6	GW532	N806	51-67	58	95-111	103	70-87	78	0	Ey	A	SH	37-48	43
7	MACS6795	N807	50-67	59	98-122	106	64-82	76	0	Ey	A	SH	32-41	37
8	CG1040	N808	55-66	62	101-112	105	72-92	83	0	Ey	A	SH	33-48	40
9	AKAW5351	N809	62-70	67	105-117	111	72-107	96	25	Ey	A	SH	36-43	40
10	HI8839(d)	N810	57-69	62	98-111	106	59-84	74	10	M	A	SH	39-50	44
11	MACS4107(d)	N811	53-67	59	97-113	104	74-100	89	10	Ey	A	SH	38-54	49
12	DBW359	N812	51-65	59	97-110	103	67-87	82	0	M	A	SH	33-48	41
13	MP1377	N813	52-66	61	99-113	107	68-83	76	0	Ey	A	SH	31-48	41
14	MP3544	N814	52-68	63	99-113	106	62-79	71	0	E	A	SH	28-50	38
15	NIAW3922	N816	49-65	57	95-111	102	67-88	80	5	Ey	A	SH	33-50	42
16	HI1665	N818	52-68	58	97-113	104	72-90	83	0	Ey	A	SH	34-54	41
17	NIAW4028	N819	53-66	59	97-124	104	73-91	83	0	Ey	A	H	37-56	46
18	HI8840(d)	N821	55-71	61	97-114	104	67-88	77	10	Ey	A	H	35-56	43
19	UAS3019	N822	51-65	61	95-110	104	76-91	84	0	Ey	A	H	34-51	41
20	HD3401	N823	54-68	64	101-124	109	67-84	72	0	Ey	A	SH	33-53	40
21	GW1359(d)	N824	64-75	69	98-115	109	59-82	72	0	Ey	A	H	35-57	43
22	DBW110 (C)	N817	56-68	64	100-122	108	65-85	77	0	Ey	A	SH	34-52	42
23	HI1605 (C)	N820	54-67	62	99-113	106	69-92	83	0	Ey	A	SH	33-52	41
24	UAS446(d) (C)	N815	56-69	64	101-122	109	68-86	78	10	Ey	A	H	34-50	41
25	HI8627(d) (C)	N825	65-76	71	110-124	114	67-95	82	0	M	A	H	35-54	43

1. Ancillary data from Akola, Pune, Niphad, Parbhani, Savalviher, Bailhongal, Dharwad, Nipani and Ugar.

2. Data on Lodging from Pune and Parbhani