

**NIVT-5B-RF-TS-TDM-NAT-ZONE, 2014-15**  
**Locationwise Mean Yield (q/ha)**

SN	Variety	Code	Rajasthan			MP			Gujarat			Karnataka					
			Kota			Sagar			Dhandhuka			Annigeri			Dharwad		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1.	GW 1324	N-5B-01	33.1	7	1	38.5	10	0	15.1	11	0	22.0	3	1	17.2	22	0
2.	MPO 1307	N-5B-02	31.6	10	0	41.1	5	0	16.3	8	0	20.3	12	1	17.6	20	0
3.	RKD 283	N-5B-03	31.3	11	0	31.8	24	0	12.7	15	0	20.3	11	1	20.4	14	0
4.	GW 1325	N-5B-04	27.6	20	0	30.2	25	0	17.4	7	1	24.7	1	1	17.7	19	0
5.	KD 1418	N-5B-05	30.9	13	0	37.5	14	0	12.3	17	0	16.5	22	0	27.5	3	1
6.	MACS 4027	N-5B-06	27.7	19	0	36.5	15	0	9.5	22	0	18.8	16	0	22.3	8	0
7.	HI 8778	N-5B-07	25.7	24	0	35.4	19	0	15.9	9	0	21.3	7	1	20.5	12	0
8.	HI 8776	N-5B-08	33.4	5	1	43.2	3	0	10.3	21	0	20.2	13	0	19.3	15	0
9.	HI 8775	N-5B-09	37.0	2	1	46.9	1	1	9.2	23	0	19.3	15	0	21.3	10	0
10.	HI 8777	N-5B-10	30.5	14	0	36.5	15	0	13.3	14	0	20.5	9	1	28.8	2	1
11.	GW 1323	N-5B-11	27.4	21	0	33.3	22	0	11.3	18	0	21.6	5	1	13.4	25	0
12.	GW 1327	N-5B-13	29.3	17	0	32.3	23	0	12.5	16	0	17.5	18	0	17.2	23	0
13.	MPO 1308	N-5B-14	32.2	9	0	38.5	10	0	18.8	3	1	18.7	17	0	18.8	16	0
14.	MACS 4028	N-5B-15	23.6	25	0	35.4	19	0	19.3	1	1	21.5	6	1	24.3	6	0
15.	DDW 38	N-5B-16	29.2	18	0	38.0	13	0	10.9	19	0	16.5	21	0	16.8	24	0
16.	NIDW 937	N-5B-17	29.7	16	0	36.5	15	0	7.6	25	0	20.4	10	1	21.0	11	0
17.	HI 8779	N-5B-18	26.4	22	0	42.2	4	0	18.2	4	1	21.6	4	1	18.3	17	0
18.	MACS 4030	N-5B-19	25.8	23	0	34.9	21	0	10.5	20	0	12.1	25	0	26.1	4	1
19.	RKD 292	N-5B-20	31.0	12	0	38.5	10	0	7.7	24	0	22.1	2	1	22.0	9	0
20.	UAS 458	N-5B-22	36.3	3	1	39.1	9	0	19.1	2	1	21.0	8	1	22.4	7	0
21.	UAS 459	N-5B-23	38.6	1	1	40.6	6	0	18.2	4	1	20.0	14	0	30.0	1	1
22.	GW 1326	N-5B-24	33.5	4	1	35.9	18	0	14.7	12	0	17.3	19	0	17.4	21	0
23.	DDW 37	N-5B-25	30.1	15	0	39.6	8	0	14.2	13	0	17.0	20	0	24.5	5	1
24.	AKDW 2997-16 (C)	N-5B-12	32.4	8	0	40.1	7	0	17.9	6	1	16.0	23	0	17.8	18	0
25.	HI 8627 (C)	N-5B-21	33.2	6	1	44.8	2	1	15.8	10	0	16.0	24	0	20.4	13	0
Mean =			30.7			37.9			13.9			19.3			20.9		
S.E.m =			2.554			1.392			0.987			2.383			2.308		
C.D. =			6.2			3.4			2.4			5.8			5.7		
C.V. =			11.8			5.2			10.0			17.4			15.6		
D.O.S. (d.m.y)			31.10.2014			30.10.2014			23.10.2014			18.10.2014			20.10.2014		

Trials proposed & conducted : 7

Trials not reported (2) : Tanchha (ID), Arnej (LSM)

**NIVT-5B-RF-TS-TDM-NAT-ZONE, 2014-15**  
**Zonal and National Mean Yield (q/ha)**

SN	Variety	Code	CZ			PZ			National		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1.	GW 1324	N-5B-01	28.9	9	0	19.6	16	0	25.2	10	0
2.	MPO 1307	N-5B-02	29.7	7	0	19.0	18	0	25.4	7	0
3.	RKD 283	N-5B-03	25.2	19	0	20.4	12	0	23.3	19	0
4.	GW 1325	N-5B-04	25.1	20	0	21.2	7	1	23.5	18	0
5.	KD 1418	N-5B-05	26.9	13	0	22.0	5	1	24.9	12	0
6.	MACS 4027	N-5B-06	24.5	23	0	20.5	11	0	22.9	21	0
7.	HI 8778	N-5B-07	25.7	18	0	20.9	8	0	23.8	16	0
8.	HI 8776	N-5B-08	29.0	8	0	19.8	15	0	25.3	9	0
9.	HI 8775	N-5B-09	31.0	4	1	20.3	13	0	26.7	3	0
10.	HI 8777	N-5B-10	26.8	14	0	24.6	2	1	25.9	5	0
11.	GW 1323	N-5B-11	24.0	24	0	17.5	21	0	21.4	25	0
12.	GW 1327	N-5B-13	24.7	21	0	17.3	23	0	21.7	24	0
13.	MPO 1308	N-5B-14	29.8	6	0	18.7	19	0	25.4	6	0
14.	MACS 4028	N-5B-15	26.1	15	0	22.9	3	1	24.8	14	0
15.	DDW 38	N-5B-16	26.0	16	0	16.7	25	0	22.3	22	0
16.	NIDW 937	N-5B-17	24.6	22	0	20.7	10	0	23.0	20	0
17.	HI 8779	N-5B-18	28.9	9	0	19.9	14	0	25.3	8	0
18.	MACS 4030	N-5B-19	23.8	25	0	19.1	17	0	21.9	23	0
19.	RKD 292	N-5B-20	25.8	17	0	22.0	4	1	24.3	15	0
20.	UAS 458	N-5B-22	31.5	2	1	21.7	6	1	27.5	2	1
21.	UAS 459	N-5B-23	32.5	1	1	25.0	1	1	29.5	1	1
22.	GW 1326	N-5B-24	28.1	11	0	17.3	22	0	23.8	17	0
23.	DDW 37	N-5B-25	28.0	12	0	20.8	9	0	25.1	11	0
24.	AKDW 2997-16 (C)	N-5B-12	30.1	5	1	16.9	24	0	24.8	13	0
25.	HI 8627 (C)	N-5B-21	31.3	3	1	18.2	20	0	26.1	4	0
Mean =			27.5			20.1			24.6		
C.D. =			2.4			3.9			2.1		

## Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial: NIVT-5B-RF-TS-TDM-NAT-ZONE, 2014-15

SN	Variety	Code	Agronomic Characteristics						Grain Characteristics				
			Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	GW 1324	N-5B-01	73-88	81	119-133	126	66-146	103	M	A	SH-H	44-51	47
2	MPO 1307	N-5B-02	78-95	89	116-135	127	51-91	73	M	A	H	41-49	46
3	RKD 283	N-5B-03	76-92	84	120-135	127	58-90	75	M	A	H	46-51	48
4	GW 1325	N-5B-04	71-89	79	117-135	126	75-130	103	M	A	SH-H	48-53	50
5	KD 1418	N-5B-05	71-80	77	113-132	123	53-90	75	Ey-M	A	H	47-55	52
6	MACS 4027	N-5B-06	63-88	78	113-133	126	68-124	96	M	A	SH-H	42-61	52
7	HI 8778	N-5B-07	64-86	75	105-131	121	60-97	79	Ey-M	A	SH-H	47-56	51
8	HI 8776	N-5B-08	77-87	83	118-134	127	58-94	76	M	A	SH-H	48-56	51
9	HI 8775	N-5B-09	62-88	77	113-132	123	64-112	87	M	A	H	47-56	52
10	HI 8777	N-5B-10	61-80	71	106-133	119	54-88	77	M	A	SH-H	40-55	50
11	GW 1323	N-5B-11	71-88	81	119-133	126	64-119	89	M	A	SH-H	46-54	49
12	GW 1327	N-5B-13	74-88	79	109-134	122	69-108	92	M	A	SH-H	43-54	48
13	MPO 1308	N-5B-14	75-87	79	118-135	126	52-89	74	M	A	H	46-57	51
14	MACS 4028	N-5B-15	60-80	73	110-132	122	71-126	100	M	A	SH-H	43-57	51
15	DDW 38	N-5B-16	80-92	86	118-135	127	57-89	74	Ey-M	A	SH	39-47	43
16	NIDW 937	N-5B-17	67-89	78	111-131	124	67-116	91	Ey-M	A	H	40-55	47
17	HI 8779	N-5B-18	66-86	76	111--131	122	56-92	76	Ey-M	A	H	45-60	51
18	MACS 4030	N-5B-19	66-91	77	110-134	124	64-126	96	Ey	A	SH	35-56	45
19	RKD 292	N-5B-20	70-93	80	116-134	125	61-102	78	Ey	A	SH-H	43-55	49
20	UAS 458	N-5B-22	74-92	85	111-135	124	60-100	79	Ey	A	SH-H	40-54	48
21	UAS 459	N-5B-23	76-94	83	116-134	125	60-97	82	M	A	SH	48-55	50
22	GW 1326	N-5B-24	70-93	81	113-135	124	71-132	95	M	A	SH	46-53	50
23	DDW 37	N-5B-25	73-87	79	113-132	122	63-88	78	M	A	H	41-64	51
24	AKDW 2997-16 (C)	N-5B-12	71-91	80	115-134	125	56-86	76	M	A	SH-H	48-55	50
25	HI 8627 (C)	N-5B-21	80-93	87	117-136	127	58-101	82	M	A	SH	39-54	47

1. Ancillary data included from Dhandhuka, Kota, Sagar and Arnej
2. No disease data was reported from any centre

## Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

Trial: NIVT-5B-RF-TS-TDM-NAT-ZONE, 2014-15

SN	Variety	Code	Agronomic Characteristics							Grain Characteristics			
			Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	GW 1324	N-5B-01	57-58	58	103-104	104	75-76	75	Ey	A	SH	41-45	43
2	MPO 1307	N-5B-02	75-76	76	119-121	120	78-78	78	Ey	A	H	37-48	42
3	RKD 283	N-5B-03	58-62	60	106-109	108	78-80	79	M	A	SH-H	42-49	46
4	GW 1325	N-5B-04	57-59	58	105-106	106	74-76	75	Ey	A	SH-H	51-52	52
5	KD 1418	N-5B-05	52-54	53	99-101	100	92-95	93	M	A	SH	37-50	43
6	MACS 4027	N-5B-06	52-55	54	100-102	101	80-81	80	Ey	A	SH-H	42-60	51
7	HI 8778	N-5B-07	55-57	56	101-103	102	74-75	75	Ey	A	H	46-58	52
8	HI 8776	N-5B-08	60-64	62	104-110	107	74-75	75	M	A	SH-H	49-50	49
9	HI 8775	N-5B-09	55-61	58	106-110	108	90-91	91	M	A	SH	34-47	40
10	HI 8777	N-5B-10	49-52	51	99-101	100	87-89	88	M	A	SH-H	39-46	43
11	GW 1323	N-5B-11	58-60	59	107-108	108	70-70	70	M	A	SH-H	41-49	45
12	GW 1327	N-5B-13	58-60	59	104-107	106	69-71	70	Ey	A	SH-H	40-43	42
13	MPO 1308	N-5B-14	57-61	59	105-109	107	74-75	75	Ey	A	SH-H	46-53	50
14	MACS 4028	N-5B-15	49-52	51	98-100	99	76-76	76	M	A	SH-H	48-53	51
15	DDW 38	N-5B-16	58-62	60	104-107	106	65-66	65	M	A	SH-H	35-41	38
16	NIDW 937	N-5B-17	55-59	57	100-104	102	75-76	76	M	A	SH	39-47	43
17	HI 8779	N-5B-18	50-55	53	100-103	102	74-75	75	M	A	SH-H	41-49	45
18	MACS 4030	N-5B-19	50-53	52	97-101	99	63-63	63	M	A	SH-H	41-54	48
19	RKD 292	N-5B-20	57-61	59	105-109	107	77-77	77	M	A	SH	42-46	44
20	UAS 458	N-5B-22	58-62	60	104-108	106	64-66	65	M	A	SH	46-47	47
21	UAS 459	N-5B-23	57-62	60	107-111	109	86-88	87	M	A	SH-H	33-49	41
22	GW 1326	N-5B-24	56-59	58	102-105	104	75-76	76	M	A	SH-H	30-47	39
23	DDW 37	N-5B-25	59-63	61	104-108	106	95-96	95	M	A	SH-H	40-44	42
24	AKDW 2997-16 (C)	N-5B-12	56-61	59	105-108	107	94-95	95	M	A	SH-H	43-45	44
25	HI 8627 (C)	N-5B-21	58-64	61	107-111	109	78-79	79	M	A	SH	42-48	45

1. Ancillary data included from Annegiri and Dharwad
2. No disease data was reported from any centre