

NIVT-5A-RF-TS-TAS-NAT-ZONE, 2014-15
Locationwise Mean Yield (q/ha)

SN	Variety	Code	Rajasthan			MP			Karnataka			Karnataka		
			Kota			Sagar			Annigeri			Dharwad		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	MACS 6660	N-5A-01	25.7	32	0	28.9	36	0	13.3	36	0	24.9	8	1
2	HD 3204	N-5A-02	32.7	14	0	42.8	12	0	14.3	35	0	24.9	7	1
3	UP 2914	N-5A-03	31.8	19	0	35.5	33	0	15.1	34	0	19.7	26	0
4	WH 1181	N-5A-04	29.7	26	0	43.1	9	0	15.3	33	0	28.5	2	1
5	MP 3429	N-5A-05	19.1	36	0	45.2	4	0	16.2	32	0	14.4	36	0
6	AKAW 3891	N-5A-06	27.7	29	0	36.8	31	0	17.6	31	0	22.8	15	0
7	NW 6046	N-5A-07	41.9	1	1	35.8	32	0	17.9	30	0	23.9	11	1
8	JWS 146	N-5A-08	25.2	33	0	38.4	26	0	18.2	29	0	20.9	20	0
9	BRW 3761	N-5A-09	23.4	34	0	33.0	35	0	18.6	26	0	24.8	9	1
10	K 1415	N-5A-10	31.5	21	0	42.9	10	0	18.5	28	0	19.9	25	0
11	MP 1304	N-5A-11	32.4	17	0	41.6	17	0	18.6	27	0	21.4	18	0
12	UP 2915	N-5A-13	34.8	10	0	41.5	18	0	24.0	8	1	27.9	3	1
13	UAS 375	N-5A-14	30.4	25	0	36.9	30	0	26.4	2	1	29.1	1	1
14	MP 1303	N-5A-16	22.8	35	0	40.6	20	0	20.2	23	0	20.2	23	0
15	HD 3205	N-5A-17	37.3	4	1	44.3	6	0	20.3	22	0	18.5	29	0
16	DBW 178	N-5A-18	32.5	16	0	35.2	34	0	20.3	21	0	20.0	24	0
17	HI 1612	N-5A-19	31.9	18	0	46.6	3	0	20.8	20	0	25.4	5	1
18	NIAW 2547	N-5A-20	30.9	24	0	39.8	24	0	20.9	19	0	18.6	28	0
19	MP 1305	N-5A-21	35.2	9	0	41.9	16	0	21.0	18	1	22.6	17	0
20	HD 3203	N-5A-22	35.3	8	0	43.6	8	0	21.3	17	1	18.2	32	0
21	HD 3202	N-5A-24	31.5	22	0	41.9	15	0	22.0	15	1	25.8	4	1
22	MP 1306	N-5A-25	32.5	15	0	37.0	29	0	22.2	14	1	22.6	16	0
23	WH 1180	N-5A-26	28.6	27	0	42.7	13	0	22.3	13	1	17.2	34	0
24	MACS 6659	N-5A-27	27.2	30	0	37.9	27	0	22.7	12	1	19.0	27	0
25	K 1417	N-5A-28	36.5	5	1	39.5	25	0	22.9	11	1	20.5	21	0
26	CG 1018	N-5A-29	33.9	11	0	42.3	14	0	22.9	10	1	24.1	10	1
27	DBW 179	N-5A-30	31.6	20	0	40.6	21	0	23.5	9	1	23.2	14	1
28	DBW 180	N-5A-31	39.6	2	1	44.8	5	0	24.0	7	1	21.2	19	0
29	UAS 374	N-5A-32	35.3	7	0	40.9	19	0	25.3	6	1	18.4	30	0
30	PBW 737	N-5A-34	31.3	23	0	50.7	1	1	25.8	4	1	18.1	33	0
31	K 1416	N-5A-35	37.5	3	1	42.9	10	0	26.1	3	1	25.4	6	1
32	PBW 738	N-5A-36	28.2	28	0	39.9	23	0	26.6	1	1	16.9	35	0
33	MP 3288 (C)	N-5A-12	33.4	12	0	46.8	2	0	19.1	25	0	23.3	13	1
34	HD 2888 (C)	N-5A-15	25.8	31	0	37.6	28	0	20.1	24	0	23.3	12	1
35	WH 1080 (C)	N-5A-23	36.1	6	0	44.0	7	0	21.5	16	1	20.4	22	0
36	NI 5439 (C)	N-5A-33	33.0	13	0	40.3	22	0	25.7	5	1	18.3	31	0
Mean =			31.5			40.7			20.9			21.8		
S.E.m =			2.411			1.442			2.313			2.553		
C.D. =			5.8			3.5			5.6			6.2		
C.V. =			10.8			5.0			15.7			16.6		
D.O.S. (d.m.y)			31.10.2014			30.10.2014			18.10.2014			20.10.2014		

Trials proposed : 6

Trial not conducted (1) : Ambejogai

Trial not reported (1) : Washim (LSM)

NIVT-5A-RF-TS-TAS-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.	MACS 6660	N-5A-01	27.3	36	0	19.1	34	0	23.2	36	0
2.	HD 3204	N-5A-02	37.8	15	0	19.6	30	0	28.7	20	0
3.	UP 2914	N-5A-03	33.7	27	0	17.4	35	0	25.5	33	0
4.	WH 1181	N-5A-04	36.4	20	0	21.9	12	0	29.1	19	0
5.	MP 3429	N-5A-05	32.2	31	0	15.3	36	0	23.7	35	0
6.	AKAW 3891	N-5A-06	32.2	30	0	20.2	23	0	26.2	30	0
7.	NW 6046	N-5A-07	38.9	9	0	20.9	21	0	29.9	14	0
8.	JWS 146	N-5A-08	31.8	32	0	19.5	31	0	25.7	32	0
9.	BRW 3761	N-5A-09	28.2	35	0	21.7	18	0	24.9	34	0
10.	K 1415	N-5A-10	37.2	16	0	19.2	33	0	28.2	23	0
11.	MP 1304	N-5A-11	37.0	17	0	20.0	26	0	28.5	22	0
12.	UP 2915	N-5A-13	38.1	11	0	25.9	2	1	32.0	3	1
13.	UAS 375	N-5A-14	33.6	28	0	27.7	1	1	30.7	7	1
14.	MP 1303	N-5A-16	31.7	33	0	20.2	24	0	26.0	31	0
15.	HD 3205	N-5A-17	40.8	3	1	19.4	32	0	30.1	12	0
16.	DBW 178	N-5A-18	33.8	26	0	20.2	25	0	27.0	27	0
17.	HI 1612	N-5A-19	39.2	8	1	23.1	7	0	31.2	5	1
18.	NIAW 2547	N-5A-20	35.3	23	0	19.7	29	0	27.5	26	0
19.	MP 1305	N-5A-21	38.5	10	0	21.8	14	0	30.2	11	0
20.	HD 3203	N-5A-22	39.4	7	1	19.8	27	0	29.6	17	0
21.	HD 3202	N-5A-24	36.7	19	0	23.9	4	1	30.3	10	0
22.	MP 1306	N-5A-25	34.8	24	0	22.4	9	0	28.6	21	0
23.	WH 1180	N-5A-26	35.6	22	0	19.8	28	0	27.7	25	0
24.	MACS 6659	N-5A-27	32.5	29	0	20.9	22	0	26.7	29	0
25.	K 1417	N-5A-28	38.0	14	0	21.7	17	0	29.9	15	0
26.	CG 1018	N-5A-29	38.1	13	0	23.5	5	0	30.8	6	1
27.	DBW 179	N-5A-30	36.1	21	0	23.4	6	0	29.7	16	0
28.	DBW 180	N-5A-31	42.2	1	1	22.6	8	0	32.4	2	1
29.	UAS 374	N-5A-32	38.1	12	0	21.9	13	0	30.0	13	0
30.	PBW 737	N-5A-34	41.0	2	1	21.9	11	0	31.5	4	1
31.	K 1416	N-5A-35	40.2	4	1	25.7	3	1	33.0	1	1
32.	PBW 738	N-5A-36	34.1	25	0	21.7	15	0	27.9	24	0
33.	MP 3288 (C)	N-5A-12	40.1	5	1	21.2	19	0	30.6	8	1
34.	HD 2888 (C)	N-5A-15	31.7	34	0	21.7	16	0	26.7	28	0
35.	WH 1080 (C)	N-5A-23	40.0	6	1	20.9	20	0	30.5	9	1
36.	NI 5439 (C)	N-5A-33	36.7	18	0	22.0	10	0	29.4	18	0
	Mean =		36.1			21.3			28.7		
	C.D. =		3.3			4.1			2.6		

Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial: NIVT-5A-RF-TS-TAS-NAT-ZONE, 2014-15

SN	Variety	Code	Agronomic Characteristics								Grain Characteristics			
			Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	MACS 6660	N-5A-01	79-84	82	132-133	133	117-124	120	10	Ey-M	A	H	38-43	40
2	HD 3204	N-5A-02	79-81	80	127-133	130	93-99	96	-	Ey	A	H	46-53	49
3	UP 2914	N-5A-03	92-96	94	135-136	136	85-101	93	-	Ey-M	A	H	38-49	43
4	WH 1181	N-5A-04	79-84	82	131-134	133	96-100	98	-	Ey	A	H	48-51	49
5	MP 3429	N-5A-05	73-76	75	127-131	129	81-82	82	-	Ey	A	H	40-43	42
6	AKAW 3891	N-5A-06	79-89	84	135-136	136	132-135	134	30	Ey-M	A	H	42-47	44
7	NW 6046	N-5A-07	84-86	85	132-133	133	95-95	95	-	Ey	A	H	40-46	43
8	JWS 146	N-5A-08	75-87	81	131-135	133	104-125	115	20	Ey-M	A	SH-H	41-44	43
9	BRW 3761	N-5A-09	75-80	78	128-132	130	95-97	96	-	Ey-M	A	H	45-47	46
10	K 1415	N-5A-10	93-95	94	134-135	135	87-89	88	-	Ey	A	H	45-45	45
11	MP 1304	N-5A-11	87-95	91	134-138	136	90-103	97	-	Ey-M	A	SH-H	38-44	41
12	UP 2915	N-5A-13	74-80	77	132-132	132	86-87	86	-	Ey	A	H	49-55	52
13	UAS 375	N-5A-14	79-85	82	131-131	131	74-90	82	-	Ey	A	H	42-43	42
14	MP 1303	N-5A-16	86-97	92	132-132	132	97-106	101	-	Ey	A	SH-H	41-45	43
15	HD 3205	N-5A-17	85-85	85	131-135	133	98-98	98	-	Ey-M	A	SH-H	45-45	45
16	DBW 178	N-5A-18	88-93	91	134-141	138	85-95	90	-	Ey	A	SH-H	39-39	39
17	HI 1612	N-5A-19	93-98	96	131-135	133	91-104	98	-	Ey	A	H	41-43	42
18	NIAW 2547	N-5A-20	73-82	78	129-132	131	91-100	95	-	Ey	A	SH-H	45-47	46
19	MP 1305	N-5A-21	78-89	84	132-137	135	94-103	99	-	Ey	A	SH-H	40-49	45
20	HD 3203	N-5A-22	85-94	90	135-138	137	95-98	96	-	Ey-M	A	H	37-41	39
21	HD 3202	N-5A-24	73-82	78	127-134	131	98-101	100	-	Ey	A	SH-H	50-51	51
22	MP 1306	N-5A-25	84-87	86	135-138	137	97-107	102	-	Ey-M	A	SH-H	44-45	44
23	WH 1180	N-5A-26	88-89	89	133-134	134	95-99	97	-	Ey-M	A	H	46-48	47
24	MACS 6659	N-5A-27	76-85	81	129-131	130	112-121	117	5	Ey	A	H	40-44	42
25	K 1417	N-5A-28	85-89	87	133-136	135	90-101	96	-	Ey-M	A	H	41-45	43
26	CG 1018	N-5A-29	76-85	81	132-133	133	90-100	95	-	Ey	A	SH-H	43-45	44
27	DBW 179	N-5A-30	88-88	88	132-135	134	101-104	103	-	Ey	A	H	43-44	43
28	DBW 180	N-5A-31	79-89	84	131-134	133	108-113	111	-	Ey	A	SH-H	46-50	48
29	UAS 374	N-5A-32	71-82	77	128-133	131	81-88	85	-	Ey	A	SH-H	43-50	47
30	PBW 737	N-5A-34	88-88	88	132-136	134	100-101	101	-	Ey	A	H	44-49	46
31	K 1416	N-5A-35	85-86	86	133-136	135	95-101	98	-	Ey	A	SH-H	40-40	40
32	PBW 738	N-5A-36	79-86	83	135-136	136	98-109	104	-	Ey	A	H	43-45	44
33	MP 3288 (C)	N-5A-12	78-86	82	131-135	133	92-95	93	-	Ey-M	A	H	46-51	49
34	HD 2888 (C)	N-5A-15	87-95	91	133-135	134	125-130	128	80	Ey-M	A	H	40-43	42
35	WH 1080 (C)	N-5A-23	79-87	83	133-135	134	89-92	90	-	Ey	A	H	49-49	49
36	NI 5439 (C)	N-5A-33	76-87	82	131-133	132	100-126	113	30	Ey	A	H	39-42	41

1. Ancillary data included from Kota and Sagar
2. Lodging data from Sagar centre
3. No disease data was reported from any centre

Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

Trial: NIVT-5A-RF-TS-TAS-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	MACS 6660	N-5A-01	52-53	53	101-103	102	85-86	86	Ey-M	A	SH	35-46	40
2	HD 3204	N-5A-02	52-53	53	100-102	101	67-69	68	Ey-M	A	SH	37-47	42
3	UP 2914	N-5A-03	65-72	69	112-117	115	71-73	72	Ey-M	A	SH	34-41	38
4	WH 1181	N-5A-04	56-58	57	101-106	104	78-79	79	Ey-M	A	SH	38-50	44
5	MP 3429	N-5A-05	43-45	44	94-95	95	53-54	53	Ey-M	A	H	44-47	46
6	AKAW 3891	N-5A-06	50-55	53	101-103	102	90-92	91	Ey	A	SH	38-45	41
7	NW 6046	N-5A-07	57-59	58	103-104	104	75-76	76	Ey	A	SH	43-48	46
8	JWS 146	N-5A-08	50-53	52	98-99	99	83-83	83	Ey	A	SH-H	44-45	44
9	BRW 3761	N-5A-09	52-54	53	101-102	102	69-70	69	M	A	SH	38-47	43
10	K 1415	N-5A-10	62-65	64	108-110	109	72-73	73	Ey	A	SH-H	41-42	42
11	MP 1304	N-5A-11	54-58	56	101-103	102	73-75	74	M	A	SH-H	36-36	36
12	UP 2915	N-5A-13	48-49	49	98-99	99	59-60	60	Ey	A	SH	42-51	46
13	UAS 375	N-5A-14	52-54	53	100-102	101	65-66	65	Ey	A	SH	44-45	44
14	MP 1303	N-5A-16	57-61	59	101-106	104	70-73	72	Ey-M	A	SH	37-40	38
15	HD 3205	N-5A-17	54-57	56	98-102	100	66-68	67	Ey	A	SH	40-48	44
16	DBW 178	N-5A-18	62-65	64	106-111	109	70-71	71	Ey	A	SH	39-41	40
17	HI 1612	N-5A-19	57-61	59	104-106	105	75-75	75	Ey	A	SH	37-43	40
18	NIAW 2547	N-5A-20	50-52	51	100-102	101	80-81	81	Ey	A	SH	43-51	47
19	MP 1305	N-5A-21	55-59	57	100-104	102	73-73	73	Ey	A	SH	35-46	41
20	HD 3203	N-5A-22	60-60	60	104-106	105	69-70	70	Ey	A	SH	43-43	43
21	HD 3202	N-5A-24	50-52	51	100-101	101	71-72	72	M	A	SH	42-55	48
22	MP 1306	N-5A-25	49-52	51	99-100	100	78-79	78	Ey	A	SH	42-46	44
23	WH 1180	N-5A-26	58-61	60	104-106	105	75-77	76	M	A	SH	37-48	43
24	MACS 6659	N-5A-27	53-54	54	100-102	101	82-83	82	M	A	SH	38-46	42
25	K 1417	N-5A-28	55-58	57	101-108	105	61-63	62	Ey	A	SH	42-47	44
26	CG 1018	N-5A-29	48-50	49	95-98	97	65-67	66	Ey-M	A	SH	36-43	40
27	DBW 179	N-5A-30	55-60	58	102-105	104	75-76	75	M	A	H	40-47	44
28	DBW 180	N-5A-31	53-55	54	100-103	102	76-78	77	M	A	SH	36-47	41
29	UAS 374	N-5A-32	48-48	48	96-98	97	55-56	56	Ey	A	SH	48-49	48
30	PBW 737	N-5A-34	55-58	57	101-104	103	63-63	63	Ey	A	SH	36-45	41
31	K 1416	N-5A-35	58-59	59	103-104	104	71-72	72	Ey	A	SH	40-40	40
32	PBW 738	N-5A-36	50-52	51	100-101	101	62-62	62	Ey	A	SH	33-46	40
33	MP 3288 (C)	N-5A-12	51-53	52	100-102	101	62-64	63	Ey	A	SH	36-48	42
34	HD 2888 (C)	N-5A-15	56-59	58	99-105	102	85-87	86	Ey-M	A	SH	43-46	45
35	WH 1080 (C)	N-5A-23	57-59	58	102-104	103	72-73	73	M	A	SH	32-48	40
36	NI 5439 (C)	N-5A-33	56-59	58	102-104	103	62-64	63	Ey	A	SH	44-52	48

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