NIVT-2-IR-TS-TAS-NAT-ZONE, 2014-15
Locationwise Mean Yield (q/ha)

SN	Variety	Code	Rajasthan						MP											
			Kota			Udaipur			Gwalior			Indore			Sagar			Jabalpur		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1.	DBW 170	N-2-01	52.5	10	0	46.6	28	0	64.3	3	1	47.5	21	0	58.9	10	0	42.4	36	0
2.	DBW 169	N-2-02	50.8	18	0	48.9	22	0	42.1	33	0	43.2	32	0	33.8	36	0	42.6	35	0
3.	UAS 372	N-2-03	50.9	17	0	56.4	9	0	45.6	32	0	55.2	2	1	63.4	4	0	53.3	27	0
4.	HI 1610	N-2-04	51.7	15	0	55.2	12	0	69.5	1	1	53.0	6	1	68.9	1	1	56.3	20	0
5.	UP 2909	N-2-05	50.3	20	0	68.2	1	1	46.8	29	0	43.0	34	0	42.7	34	0	49.3	30	0
6.	HI 1608	N-2-06	47.0	26	0	45.8	30	0	46.5	31	0	45.6	28	0	55.2	18	0	56.3	21	0
7.	GW 468	N-2-07	51.8	13	0	56.4	9	0	55.3	15	0	48.6	18	0	56.1	14	0	46.8	34	0
8.	JWS 147	N-2-08	48.0	23	0	42.7	33	0	54.3	16	0	53.9	4	1	54.8	19	0	62.5	7	1
9.	MACS 6671	N-2-09	47.3	24	0	46.8	26	0	53.6	18	0	51.3	11	1	66.2	2	1	49.0	31	0
10.	DBW 168	N-2-10	43.5	32	0	49.4	20	0	51.3	20	0	43.1	33	0	45.3	32	0	57.5	16	0
11.	MP 1309	N-2-11	43.9	31	0	33.3	36	0	39.9	35	0	31.7	36	0	36.7	35	0	62.6	6	1
12.	HI 1607	N-2-12	47.3	24	0	50.7	17	0	63.7	4	1	54.6	3	1	52.7	25	0	56.8	19	0
13.	Raj 4424	N-2-13	58.8	3	1	46.8	27	0	51.3	21	0	37.4	35	0	47.4	30	0	60.0	10	0
14.	UAS 370	N-2-14	43.2	34	0	57.8	8	0	56.2	12	0	52.2	9	1	53.1	24	0	53.1	28	0
15.	WH 1190	N-2-15	51.9	12	0	54.6	13	0	46.8	30	0	50.4	13	1	51.6	28	0	47.6	32	0
16.	HI 1609	N-2-16	46.5	27	0	47.8	24	0	56.8	11	0	45.8	27	0	53.6	20	0	51.4	29	0
17.	HP 1960	N-2-17	51.5	16	0	54.6	13	0	50.5	23	0	48.0	20	0	57.2	12	0	59.1	11	0
18.	MP 1310	N-2-18	43.0	35	0	48.8	23	0	54.0	17	0	46.2	26	0	61.1	7	0	62.8	5	1
19.	RVW 4232	N-2-19	56.0	5	1	47.3	25	0	61.7	6	1	50.2	14	1	62.0	5	0	58.8	13	0
20.	UAS 369	N-2-20	61.9	1	1	45.9	29	0	50.9	22	0	52.5	7	1	57.2	11	0	67.3	1	1
21.	MP 3440	N-2-21	42.3	36	0	67.7	2	1	49.6	25	0	47.0	24	0	56.7	13	0	64.2	3	1
22.	NIAW 2595	N-2-22	50.8	18	0	45.5	31	0	50.2	24	0	47.3	22	0	53.6	21	0	57.3	17	0
23.	NIAW 2495	N-2-23	45.6	28	0	36.6	35	0	40.5	34	0	46.8	25	0	53.5	22	0	55.1	25	0
24.	GW 473	N-2-25	59.1	2	1	60.4	4	0	55.9	13	0	55.4	1	1	55.2	17	0	63.4	4	1
25.	AKAW 4798	N-2-26	53.5	7	0	58.1	7	0	47.2	27	0	49.5	16	0	59.3	9	0	59.0	12	0
26.	UAS 371	N-2-27	43.5	32	0	60.8	3	0	64.7	2	1	51.4	10	1	53.5	23	0	55.1	24	0
27.	MACS 6668	N-2-28	52.3	11	0	49.0	21	0	51.9	19	0	48.5	19	0	61.7	6	0	64.4	2	1
28.	GW 471	N-2-29	45.2	30	0	49.5	19	0	37.7	36	0	47.0	23	0	51.0	29	0	53.5	26	0
29.	MP 1311	N-2-30	55.0	6	1	50.6	18	0	49.4	26	0	45.1	29	0	44.7	33	0	46.8	33	0
30.	NIAW 2539	N-2-31	50.0	21	0	58.5	6	0	55.4	14	0	43.4	31	0	56.1	15	0	57.6	15	0
31.	PBW 732	N-2-32	51.8	13	0	56.4	9	0	57.2	10	1	49.2	17	0	55.8	16	0	55.4	23	0
32.	GW 469	N-2-34	58.2	4	1	54.0	15	0	60.4	8	1	50.1	15	0	52.5	26	0	60.0	9	0
33.	GW 470	N-2-35	49.7	22	0	40.5	34	0	47.1	28	0	44.8	30	0	63.9	3	1	56.3	22	0
34.	CG 1016	N-2-36	45.6	28	0	44.7	32	0	60.1	9	1	53.9	5	1	51.7	27	0	58.0	14	0
35.	MACS 6222 (C)	N-2-24	52.6	9	0	59.8	5	0	62.7	5	1	52.3	8	1	59.6	8	0	56.8	18	0
36.	HI 1544 (C)	N-2-33	53.2	8	0	52.5	16	0	61.7	7	1	51.1	12	1	46.8	31	0	61.2	8	1
	Mean =		50.2			51.3			53.1			48.2			54.3			56.1		
	S.E.m =		3.245			1.619			5.238			2.187			2.257			2.573		
	C.D. =		7.8			3.9			12.7			5.2			5.5			6.2		
	C.V. =		9.1			4.5			13.9			6.4			5.9			6.5		
	D.O.S. (d.m.y)		13.11.2014			12.11.2014			13.11.2014			19.11.2014			23.11.2014			15.11.2014		

Trials proposed & conducted : 17

Trial not reported (2) : Akola (LSM), Ugar Khurd (ES)

NIVT-2-IR-TS-TAS-NAT-ZONE, 2014-15
Locationwise Mean Yield (q/ha)

SN	Variety	Code	MP			Gujarat						Chhattisgarh			Maharashtra		
			Powarkheda			Junagadh			Vijapur			Bilaspur			Niphad		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1.	DBW 170	N-2-01	49.7	16	0	40.3	27	0	54.4	19	0	38.2	13	1	36.4	35	0
2.	DBW 169	N-2-02	46.9	26	0	37.0	34	0	61.9	3	1	33.5	28	0	37.0	34	0
3.	UAS 372	N-2-03	55.2	6	1	42.0	21	0	50.6	28	0	43.3	4	1	45.8	8	1
4.	HI 1610	N-2-04	48.4	19	0	47.4	6	1	52.8	23	0	35.0	23	0	44.9	14	1
5.	UP 2909	N-2-05	43.2	29	0	41.3	24	0	55.0	15	0	34.8	24	0	39.9	27	0
6.	HI 1608	N-2-06	49.0	18	0	43.1	19	0	54.5	18	0	31.9	32	0	42.4	19	0
7.	GW 468	N-2-07	43.7	28	0	45.3	14	1	48.6	29	0	27.5	35	0	41.8	22	0
8.	JWS 147	N-2-08	49.5	17	0	45.8	10	1	60.4	4	1	41.2	6	1	48.2	5	1
9.	MACS 6671	N-2-09	47.4	21	0	39.3	30	0	53.1	21	0	40.3	8	1	51.1	1	1
10.	DBW 168	N-2-10	35.7	35	0	41.8	22	0	51.4	26	0	31.7	33	0	45.4	12	1
11.	MP 1309	N-2-11	40.6	32	0	37.6	31	0	45.5	34	0	33.2	30	0	37.7	33	0
12.	HI 1607	N-2-12	34.4	36	0	47.9	4	1	54.5	17	0	35.8	20	0	43.5	17	0
13.	Raj 4424	N-2-13	55.2	5	1	39.3	28	0	41.8	36	0	33.6	27	0	44.8	15	1
14.	UAS 370	N-2-14	46.9	25	0	37.3	33	0	55.5	13	1	36.2	19	0	39.0	30	0
15.	WH 1190	N-2-15	45.8	27	0	41.0	26	0	53.7	20	0	44.4	1	1	46.7	6	1
16.	HI 1609	N-2-16	56.3	4	1	45.4	13	1	63.9	1	1	35.5	22	0	38.9	31	0
17.	HP 1960	N-2-17	47.9	20	0	41.2	25	0	52.5	25	0	38.6	11	1	39.2	28	0
18.	MP 1310	N-2-18	58.9	2	1	36.7	35	0	63.4	2	1	36.3	17	0	41.1	25	0
19.	RVW 4232	N-2-19	54.2	8	0	41.6	23	0	46.8	32	0	34.0	26	0	43.9	16	0
20.	UAS 369	N-2-20	37.5	33	0	47.4	5	1	57.2	12	1	31.6	34	0	46.1	7	1
21.	MP 3440	N-2-21	53.1	10	0	46.5	8	1	59.4	10	1	41.9	5	1	38.3	32	0
22.	NIAW 2595	N-2-22	47.4	23	0	50.6	2	1	59.8	8	1	34.6	25	0	42.9	18	0
23.	NIAW 2495	N-2-23	54.2	7	0	43.8	17	0	55.4	14	1	38.4	12	1	48.4	4	1
24.	GW 473	N-2-25	47.4	22	0	44.4	15	1	44.7	35	0	32.7	31	0	45.5	11	1
25.	AKAW 4798	N-2-26	47.4	24	0	42.3	20	0	57.6	11	1	26.6	36	0	42.3	21	0
26.	UAS 371	N-2-27	60.9	1	1	48.0	3	1	52.7	24	0	38.0	14	0	32.6	36	0
27.	MACS 6668	N-2-28	52.1	13	0	45.5	12	1	59.5	9	1	35.5	21	0	45.8	8	1
28.	GW 471	N-2-29	36.4	34	0	44.3	16	1	46.6	33	0	36.8	16	0	42.4	20	0
29.	MP 1311	N-2-30	42.2	30	0	37.4	32	0	46.9	31	0	37.9	15	0	45.0	13	1
30.	NIAW 2539	N-2-31	52.1	14	0	50.9	1	1	53.0	22	0	43.8	3	1	40.6	26	0
31.	PBW 732	N-2-32	52.6	12	0	39.3	28	0	54.8	16	0	36.2	18	0	41.4	23	0
32.	GW 469	N-2-34	53.1	11	0	45.7	11	1	51.2	27	0	39.3	9	1	45.6	10	1
33.	GW 470	N-2-35	41.7	31	0	33.6	36	0	60.2	5	1	40.6	7	1	41.3	24	0
34.	CG 1016	N-2-36	58.8	3	1	43.6	18	0	47.9	30	0	44.2	2	1	39.1	29	0
35.	MACS 6222 (C)	N-2-24	51.6	15	0	46.1	9	1	60.0	6	1	33.3	29	0	48.6	3	1
36.	HI 1544 (C)	N-2-33	54.2	9	0	47.4	6	1	59.9	7	1	38.8	10	1	49.3	2	1
	Mean =		48.7			43.0			54.1			36.5			42.9		
	S.E.m =		2.495			2.932			3.591			2.582			2.788		
	C.D. =		6.0			7.0			8.7			6.2			6.7		
	C.V. =		7.3			9.6			9.4			10.0			9.2		
	D.O.S. (d.m.y)		19.11.2014			26.11.2014			17.11.2014			12.11.2014			12.11.2014		

NIVT-2-IR-TS-TAS-NAT-ZONE, 2014-15
Locationwise Mean Yield (q/ha)

SN	Variety	Code	Maharashtra						Karnataka					
			Pune			Parbhani			Dharwad			Nippani		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1.	DBW 170	N-2-01	58.1	19	0	27.3	34	0	36.5	30	0	24.0	35	0
2.	DBW 169	N-2-02	53.0	29	0	33.9	27	0	44.4	9	0	46.9	4	0
3.	UAS 372	N-2-03	55.8	22	0	52.1	1	1	40.0	18	0	36.5	19	0
4.	HI 1610	N-2-04	63.5	5	1	46.8	3	1	40.0	17	0	36.5	19	0
5.	UP 2909	N-2-05	53.7	27	0	45.5	4	1	35.5	32	0	34.4	28	0
6.	HI 1608	N-2-06	59.5	16	0	37.5	19	0	54.3	3	1	37.5	17	0
7.	GW 468	N-2-07	55.4	23	0	27.2	35	0	46.0	6	0	56.3	1	1
8.	JWS 147	N-2-08	64.1	4	1	40.2	14	0	39.3	20	0	29.2	33	0
9.	MACS 6671	N-2-09	61.6	11	1	35.0	25	0	44.6	7	0	35.4	23	0
10.	DBW 168	N-2-10	70.1	1	1	44.8	5	1	54.5	2	1	41.7	10	0
11.	MP 1309	N-2-11	45.4	36	0	32.1	30	0	30.7	36	0	45.8	5	0
12.	HI 1607	N-2-12	47.5	35	0	29.3	33	0	32.7	33	0	35.4	23	0
13.	Raj 4424	N-2-13	65.7	3	1	31.8	31	0	37.1	28	0	29.2	33	0
14.	UAS 370	N-2-14	54.8	25	0	38.2	17	0	38.1	24	0	42.7	8	0
15.	WH 1190	N-2-15	60.1	14	0	33.7	28	0	44.5	8	0	38.0	16	0
16.	HI 1609	N-2-16	58.4	18	0	39.1	15	0	43.6	10	0	32.3	29	0
17.	HP 1960	N-2-17	59.1	17	0	44.4	6	0	31.1	35	0	44.8	7	0
18.	MP 1310	N-2-18	61.6	10	1	36.9	20	0	37.1	27	0	36.5	19	0
19.	RVW 4232	N-2-19	60.8	13	1	41.8	9	0	38.3	23	0	41.7	10	0
20.	UAS 369	N-2-20	48.1	34	0	37.8	18	0	54.6	1	1	37.5	17	0
21.	MP 3440	N-2-21	53.2	28	0	36.0	23	0	39.1	21	0	24.0	35	0
22.	NIAW 2595	N-2-22	62.2	7	1	41.4	10	0	46.1	5	0	35.4	23	0
23.	NIAW 2495	N-2-23	61.9	9	1	52.0	2	1	37.4	26	0	55.2	2	1
24.	GW 473	N-2-25	58.0	20	0	34.4	26	0	41.9	13	0	32.3	29	0
25.	AKAW 4798	N-2-26	52.5	31	0	23.7	36	0	35.7	31	0	35.4	23	0
26.	UAS 371	N-2-27	54.2	26	0	41.0	11	0	36.6	29	0	30.2	32	0
27.	MACS 6668	N-2-28	67.9	2	1	40.4	12	0	39.3	19	0	39.6	13	0
28.	GW 471	N-2-29	50.6	33	0	36.4	22	0	32.5	34	0	39.6	13	0
29.	MP 1311	N-2-30	52.2	32	0	36.8	21	0	42.9	12	0	42.7	8	0
30.	NIAW 2539	N-2-31	61.5	12	1	30.4	32	0	42.9	11	0	45.8	5	0
31.	PBW 732	N-2-32	59.8	15	0	41.9	7	0	41.0	14	0	35.4	23	0
32.	GW 469	N-2-34	54.9	24	0	41.8	8	0	40.8	16	0	41.7	10	0
33.	GW 470	N-2-35	57.0	21	0	38.8	16	0	38.6	22	0	32.3	29	0
34.	CG 1016	N-2-36	52.9	30	0	35.4	24	0	54.3	4	1	52.1	3	1
35.	MACS 6222 (C)	N-2-24	62.0	8	1	33.1	29	0	40.8	15	0	36.5	19	0
36.	HI 1544 (C)	N-2-33	63.5	6	1	40.3	13	0	37.8	25	0	38.5	15	0
	Mean =		57.8			37.8			40.8			38.3		
	S.E.m =		4.027			3.123			3.174			3.297		
	C.D. =		9.7			7.5			7.6			7.9		
	C.V. =		9.9			11.7			11.0			12.2		
	D.O.S. (d.m.y)		17.11.2014			11.11.2014			10.11.2014			15.11.2014		

NIVT-2-IR-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.	DBW 170	N-2-01	49.5	22	0	36.5	36	0	45.1	32	0
2.	DBW 169	N-2-02	44.1	35	0	43.0	22	0	43.7	34	0
3.	UAS 372	N-2-03	51.6	10	0	46.0	7	0	49.7	6	1
4.	HI 1610	N-2-04	53.8	1	1	46.3	5	0	51.3	1	1
5.	UP 2909	N-2-05	47.5	29	0	41.8	27	0	45.6	30	0
6.	HI 1608	N-2-06	47.5	28	0	46.3	6	0	47.1	25	0
7.	GW 468	N-2-07	48.0	26	0	45.3	11	0	47.1	24	0
8.	JWS 147	N-2-08	51.3	11	0	44.2	17	0	49.0	10	0
9.	MACS 6671	N-2-09	49.4	23	0	45.5	10	0	48.1	18	0
10.	DBW 168	N-2-10	45.1	33	0	51.3	1	1	47.2	23	0
11.	MP 1309	N-2-11	40.5	36	0	38.3	32	0	39.8	36	0
12.	HI 1607	N-2-12	49.8	20	0	37.7	35	0	45.8	28	0
13.	Raj 4424	N-2-13	47.2	30	0	41.7	28	0	45.3	31	0
14.	UAS 370	N-2-14	49.1	24	0	42.6	24	0	46.9	26	0
15.	WH 1190	N-2-15	48.8	25	0	44.6	15	0	47.4	22	0
16.	HI 1609	N-2-16	50.3	17	0	42.5	25	0	47.7	21	0
17.	HP 1960	N-2-17	50.1	18	0	43.7	21	0	48.0	19	0
18.	MP 1310	N-2-18	51.1	13	0	42.6	23	0	48.3	16	0
19.	RVW 4232	N-2-19	51.2	12	0	45.3	12	0	49.3	9	0
20.	UAS 369	N-2-20	50.9	14	0	44.8	14	0	48.9	11	0
21.	MP 3440	N-2-21	52.8	4	1	38.1	33	0	47.9	20	0
22.	NIAW 2595	N-2-22	49.7	21	0	45.6	9	0	48.3	14	0
23.	NIAW 2495	N-2-23	47.0	31	0	51.0	2	1	48.3	15	0
24.	GW 473	N-2-25	51.9	9	1	42.4	26	0	48.7	12	0
25.	AKAW 4798	N-2-26	50.1	19	0	37.9	34	0	46.0	27	0
26.	UAS 371	N-2-27	52.9	3	1	38.9	31	0	48.2	17	0
27.	MACS 6668	N-2-28	52.0	8	1	46.6	4	0	50.2	4	1
28.	GW 471	N-2-29	44.8	34	0	40.3	30	0	43.3	35	0
29.	MP 1311	N-2-30	45.6	32	0	43.9	19	0	45.0	33	0
30.	NIAW 2539	N-2-31	52.1	7	1	44.2	16	0	49.5	8	1
31.	PBW 732	N-2-32	50.9	15	0	43.9	20	0	48.5	13	0
32.	GW 469	N-2-34	52.5	6	1	45.0	13	0	50.0	5	1
33.	GW 470	N-2-35	47.8	27	0	41.6	29	0	45.8	29	0
34.	CG 1016	N-2-36	50.9	16	0	46.8	3	0	49.5	7	1
35.	MACS 6222 (C)	N-2-24	53.5	2	1	44.2	18	0	50.4	3	1
36.	HI 1544 (C)	N-2-33	52.7	5	1	45.9	8	0	50.4	2	1
	Mean =		49.6			43.5			47.5		
	C.D. =		2.2			3.5			1.9		

Summary of Disease Data and Agronomic Characteristics

Central Zone **Trial: NIVT-2-IR-TS-TAS- NAT-ZONE, 2014-15**

SN	Genotype	Code	Disease reaction		Agronomic Characteristics								Grain Characteristics			
			Bl	Br	Hd. R	Hd. M	Mat.R	Mat. M	Ht. R	Ht. M	Lod	Thr.	Col	Tex	TGW. R	TGW. M
1	DBW 170	N-2-01	0	0	51-91	69	88-135	117	81-97	88	5	Ey	A	SH	36-54	45
2	DBW 169	N-2-02	tS	0	58-97	76	96-136	122	85-115	101	10	Ey	A	SH	31-49	39
3	UAS 372	N-2-03	0	0	61-93	76	96-135	120	82-100	93	15	Ey-M	A	SH-H	27-55	39
4	HI 1610	N-2-04	0	0	52-88	68	100-135	120	85-103	93	5	M	A	SH	35-51	45
5	UP 2909	N-2-05	0	0	56-94	72	96-138	123	86-101	94	5	Ey	A	SH-H	35-50	42
6	HI 1608	N-2-06	0	0	54-95	72	94-134	119	89-113	103	5	Ey	A	H	33-49	42
7	GW 468	N-2-07	0	0	54-92	71	94-134	119	79-100	90	10	M	A	SH-H	29-54	43
8	JWS 147	N-2-08	0	0	56-98	75	92-136	120	75-99	90	10	M	A	SH-H	33-55	43
9	MACS 6671	N-2-09	0	0	61-97	77	93-134	121	83-105	94	15	Ey	A	SH	30-49	40
10	DBW 168	N-2-10	0	0	65-100	81	99-141	125	74-103	93	10	M	A	SH	31-47	42
11	MP 1309	N-2-11	tMS	tS	57-99	76	103-135	123	87-115	107	15	M	A	SH	33-44	39
12	HI 1607	N-2-12	0	0	51-97	69	89-134	117	81-105	95	5	M	A	SH	31-47	40
13	Raj 4424	N-2-13	0	0	64-104	83	104-142	127	82-115	98	10	Ey	A	SH-H	31-52	43
14	UAS 370	N-2-14	tS	0	58-94	75	93-135	120	87-100	95	5	Ey	A	SH-H	30-43	38
15	WH 1190	N-2-15	tS	0	62-98	78	99-135	122	81-110	98	15	M	A	SH	30-42	37
16	HI 1609	N-2-16	0	0	55-96	74	92-134	120	88-110	100	5	Ey	A	SH	34-56	44
17	HP 1960	N-2-17	0	0	56-97	76	95-135	123	79-98	91	10	M	A	SH	31-49	39
18	MP 1310	N-2-18	0	0	56-96	75	93-133	122	78-104	94	5	M	A	SH	33-50	42
19	RVW 4232	N-2-19	0	0	54-92	73	96-134	121	91-110	100	5	M	A	SH	32-52	43
20	UAS 369	N-2-20	0	0	57-93	74	92-133	120	90-107	100	15	M	A	H	34-46	39
21	MP 3440	N-2-21	0	0	57-95	76	94-134	120	82-110	97	10	M	A	SH	29-52	40
22	NIAW 2595	N-2-22	0	0	56-93	73	95-134	120	92-111	103	10	M	A	SH	36-51	45
23	NIAW 2495	N-2-23	0	0	56-96	73	93-135	122	87-113	103	5	M	A	SH	29-52	41
24	GW 473	N-2-25	0	0	55-93	71	92-135	119	80-95	90	5	M	A	SH	33-58	47
25	AKAW 4798	N-2-26	0	0	55-93	71	90-133	120	75-100	91	10	M	A	SH	26-51	40
26	UAS 371	N-2-27	0	0	53-90	70	92-131	118	93-115	104	5	M	A	SH	36-54	45
27	MACS 6668	N-2-28	0	0	50-90	68	93-132	118	79-94	88	10	Ey	A	SH	29-51	42
28	GW 471	N-2-29	0	0	55-94	71	94-133	118	76-89	85	10	Ey	A	SH	27-45	38
29	MP 1311	N-2-30	0	0	58-99	75	100-140	124	89-112	98	10	M	A	SH	30-52	40
30	NIAW 2539	N-2-31	0	0	55-98	75	95-136	121	86-108	99	10	M	A	SH	29-55	42
31	PBW 732	N-2-32	0	0	51-91	71	94-135	118	85-112	98	10	M	A	SH	33-52	41
32	GW 469	N-2-34	0	0	50-91	69	92-133	119	84-110	96	5	Ey	A	SH	35-43	40
33	GW 470	N-2-35	0	tR	55-93	71	96-134	120	77-98	85	10	M	A	SH	27-54	41
34	CG 1016	N-2-36	0	0	58-93	73	95-133	120	88-109	96	5	M	A	SH	29-46	39
35	MACS 6222 (C)	N-2-24	0	0	58-99	76	95-134	122	83-102	94	15	Ey	A	SH	31-49	41
36	HI 1544 (C)	N-2-33	0	0	54-96	70	93-133	118	79-96	90	5	M	A	SH	25-51	39

1. Ancillary data from Gwalior, Indore, Sagar, Jabalpur, Powarkheda, Bilaspur, Vijapur, Junagadh, Udaipur and Kota
2. Black rust data from Vijapur only. Brown rust data from Vijapur and Junagarh
3. Lodging data from Bilaspur, Jabalpur, Junagarh, Powarkheda and Sagar

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Central Zone
Individual Station Rust Data

SN	Genotype	Code	Vijapur	Junagarh	Vijapur
			Bl	Br	Br
1	DBW 170	N-2-01	0	0	0
2	DBW 169	N-2-02	tS	0	0
3	UAS 372	N-2-03	0	0	0
4	HI 1610	N-2-04	0	0	0
5	UP 2909	N-2-05	0	0	0
6	HI 1608	N-2-06	0	0	0
7	GW 468	N-2-07	0	0	0
8	JWS 147	N-2-08	0	0	0
9	MACS 6671	N-2-09	0	0	0
10	DBW 168	N-2-10	0	0	0
11	MP 1309	N-2-11	tMS	tS	0
12	HI 1607	N-2-12	0	0	0
13	Raj 4424	N-2-13	0	0	0
14	UAS 370	N-2-14	tS	0	0
15	WH 1190	N-2-15	tS	0	0
16	HI 1609	N-2-16	0	0	0
17	HP 1960	N-2-17	0	0	0
18	MP 1310	N-2-18	0	0	0
19	RVW 4232	N-2-19	0	0	0
20	UAS 369	N-2-20	0	0	0
21	MP 3440	N-2-21	0	0	0
22	NIAW 2595	N-2-22	0	0	0
23	NIAW 2495	N-2-23	0	0	0
24	GW 473	N-2-25	0	0	0
25	AKAW 4798	N-2-26	0	0	0
26	UAS 371	N-2-27	0	0	0
27	MACS 6668	N-2-28	0	0	0
28	GW 471	N-2-29	0	0	0
29	MP 1311	N-2-30	0	0	0
30	NIAW 2539	N-2-31	0	0	0
31	PBW 732	N-2-32	0	0	0
32	GW 469	N-2-34	0	0	0
33	GW 470	N-2-35	0	0	tR
34	CG 1016	N-2-36	0	0	0
35	MACS 6222 (C)	N-2-24	0	0	0
36	HI 1544 (C)	N-2-33	0	0	0

Summary of Disease Data and Agronomic Characteristics

Peninsular Zone **NIVT-2-IR-TS-TAS- NAT-ZONE, 2014-15**

SN	Genotype	Code	Disease reaction			Agronomic Characteristics								Grain Characteristics			
			Br	ACI	BP	Hd. R	Hd. M	Mat.R	Mat. M	Ht. R	Ht. M	Lod	Thr	Col	Tex	TGW. R	TGW. M
1	DBW 170	N-2-01	0	0.0	0	49-65	57	89-120	102	70-94	79	0	Ey	A	SH	42-50	45
2	DBW 169	N-2-02	tS	0.3	0	57-69	61	101-118	106	84-101	93	30	Ey	A	SH	36-41	39
3	UAS 372	N-2-03	tS	0.3	10.0	55-71	61	100-122	107	79-95	89	30	Ey	A	SH	36-42	39
4	HI 1610	N-2-04	0	0.0	25.0	50-63	56	91-114	103	73-99	87	0	Ey	A	SH	41-47	44
5	UP 2909	N-2-05	10S	3.6	0	52-69	58	94-121	105	74-98	89	10	Ey	A	SH	38-45	42
6	HI 1608	N-2-06	0	0.0	5.0	50-68	57	93-121	104	74-105	94	25	Ey	A	SH	40-45	42
7	GW 468	N-2-07	0	0.0	8.0	53-64	58	95-114	103	63-94	80	40	Ey	A	SH	42-53	46
8	JWS 147	N-2-08	0	0.0	5.0	54-69	60	97-120	106	77-94	85	15	Ey	A	SH	44-49	47
9	MACS 6671	N-2-09	0	0.0	0	56-83	64	101-128	109	78-99	88	10	Ey	A	SH	42-47	45
10	DBW 168	N-2-10	0	0.0	0	59-79	67	99-127	111	79-92	87	15	Ey	A	So	40-47	44
11	MP 1309	N-2-11	tMS	0.6	0	56-74	64	98-122	108	79-115	97	20	Ey	A	SH	40-45	42
12	HI 1607	N-2-12	0	0.0	12.0	48-63	55	92-121	103	73-94	85	35	Ey	A	SH	38-43	40
13	Raj 4424	N-2-13	0	0.0	5.0	65-81	71	106-130	115	74-97	88	0	Ey	A	SH	43-51	47
14	UAS 370	N-2-14	tS	0.3	5.0	56-70	61	99-122	108	76-95	85	35	Ey	A	SH	36-47	42
15	WH 1190	N-2-15	0	0.0	0	60-82	66	100-126	110	82-101	90	20	Ey	A	SH	37-49	40
16	HI 1609	N-2-16	tMS	0.3	7.0	55-66	59	100-119	106	79-102	91	20	Ey	A	SH	43-52	49
17	HP 1960	N-2-17	0	0.0	5.0	53-71	61	100-120	106	74-95	83	0	Ey	A	SH	43-44	44
18	MP 1310	N-2-18	tS	0.3	5.0	54-64	58	98-114	104	76-99	86	5	Ey	A	SH	40-46	42
19	RVW 4232	N-2-19	0	0.0	7.0	49-66	56	95-115	104	74-100	89	10	Ey	A	SH	43-50	45
20	UAS 369	N-2-20	tS	0.3	5.0	55-69	60	98-119	106	68-98	85	35	Ey	A	SH	38-46	42
21	MP 3440	N-2-21	tR	0.1	5.0	54-67	60	100-120	108	68-96	84	20	Ey	A	SH	38-43	40
22	NIAW 2595	N-2-22	tS	0.7	5.0	55-69	60	101-121	108	77-101	88	25	Ey	A	SH	47-53	50
23	NIAW 2495	N-2-23	tMS	0.3	5.0	56-68	60	98-119	106	81-99	91	20	Ey	A	SH	42-48	46
24	GW 473	N-2-25	0	0.0	20.0	52-68	58	98-117	105	72-98	84	10	M	A	SH	48-53	51
25	AKAW 4798	N-2-26	0	0.0	5.0	53-65	57	99-119	106	70-100	81	15	Ey	A	SH	39-43	40
26	UAS 371	N-2-27	0	0.0	10.0	48-62	55	90-118	100	73-102	91	10	Ey	A	SH	41-48	46
27	MACS 6668	N-2-28	0	0.0	15.0	51-62	56	92-112	102	72-93	79	0	Ey	A	SH	41-47	44
28	GW 471	N-2-29	0	0.0	4.0	53-64	58	95-113	102	75-93	81	5	Ey	A	SH	33-45	37
29	MP 1311	N-2-30	5S	3.6	0	55-71	62	100-121	109	77-100	91	0	Ey	A	SH	36-45	42
30	NIAW 2539	N-2-31	0	0.0	5.0	52-69	59	95-124	105	74-100	87	20	Ey	A	SH	40-46	43
31	PBW 732	N-2-32	0	0.0	4.0	54-64	59	100-118	106	79-101	92	15	Ey	A	SH	46-48	47
32	GW 469	N-2-34	0	0.0	10.0	49-64	56	89-117	101	72-103	86	5	Ey	A	SH	40-45	42
33	GW 470	N-2-35	0	0.0	10.0	52-64	57	93-116	103	71-88	78	0	Ey	A	SH	43-44	43
34	CG 1016	N-2-36	5MS	1.7	12.0	55-68	60	100-123	107	76-94	83	15	Ey	A	SH	34-46	40
35	MACS 6222 (C)	N-2-24	0	0.0	15.0	55-70	61	101-123	108	77-101	87	0	M	A	SH	43-46	44
36	HI 1544 (C)	N-2-33	tS	0.3	8.0	50-63	56	90-120	103	72-96	82	0	Ey	A	SH	39-51	43

1. Ancillary data from Niphad, Pune, Parbhani , Dharwar and Nippani Lodging data from Pune and Parbhani
2. Brown rust data from Pune, Dharwad and Nippani centres. Black point data from Pune only.

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Peninsular Zone
Individual Station Brown Rust Data

SN	Genotype	Code	Pune	Dharwad	Nippani
1	DBW 170	N-2-01	0	0	0
2	DBW 169	N-2-02	tS	0	0
3	UAS 372	N-2-03	tS	0	0
4	HI 1610	N-2-04	0	0	0
5	UP 2909	N-2-05	10S	tMS	0
6	HI 1608	N-2-06	0	0	0
7	GW 468	N-2-07	0	0	0
8	JWS 147	N-2-08	0	0	0
9	MACS 6671	N-2-09	0	0	0
10	DBW 168	N-2-10	0	0	0
11	MP 1309	N-2-11	tS	0	tMS
12	HI 1607	N-2-12	0	0	0
13	Raj 4424	N-2-13	0	0	0
14	UAS 370	N-2-14	tS	0	0
15	WH 1190	N-2-15	0	0	0
16	HI 1609	N-2-16	tR	0	tMS
17	HP 1960	N-2-17	0	0	0
18	MP 1310	N-2-18	tS	0	0
19	RVW 4232	N-2-19	0	0	0
20	UAS 369	N-2-20	tS	0	0
21	MP 3440	N-2-21	tR	0	0
22	NIAW 2595	N-2-22	tS	0	tS
23	NIAW 2495	N-2-23	tR	0	tMS
24	GW 473	N-2-25	0	0	0
25	AKAW 4798	N-2-26	0	0	0
26	UAS 371	N-2-27	0	0	0
27	MACS 6668	N-2-28	0	0	0
28	GW 471	N-2-29	0	0	0
29	MP 1311	N-2-30	5S	tMS	5S
30	NIAW 2539	N-2-31	0	0	0
31	PBW 732	N-2-32	0	0	0
32	GW 469	N-2-34	0	0	0
33	GW 470	N-2-35	0	0	0
34	CG 1016	N-2-36	tS	0	5MS
35	MACS 6222 (C)	N-2-24	0	0	0
36	HI 1544 (C)	N-2-33	tS	0	0