

1293-NIVT-2-IR-LS-TAS-NAT-ZONE, 2012-13
LOCATIONWISE MEAN YIELDS (q/ha)

VARIETY	CODE	CZ														
		INDORE			POWARKHEDA			GWALIOR			KOTA			UDAIPUR		
		Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1. HI 1593	N-2-01	48.0	18	0	71.4	3	1	57.5	12	0	66.0	16	1	56.1	28	0
2. RAJ 4337	N-2-02	51.0	10	0	46.9	34	0	48.3	33	0	67.1	13	1	70.1	14	1
3. HI 1594	N-2-03	51.7	8	0	66.1	9	0	57.7	11	0	69.7	3	1	57.0	27	0
4. K 1210	N-2-04	43.4	27	0	53.6	28	0	62.0	9	0	62.7	23	1	69.2	15	0
5. RAJ 4338	N-2-05	51.5	9	0	64.6	13	0	73.0	2	1	70.1	1	1	54.3	30	0
6. GW 450	N-2-06	57.4	2	1	57.6	25	0	44.0	35	0	64.6	19	1	62.4	20	0
7. UP 2862	N-2-07	50.5	11	0	49.5	31	0	49.7	31	0	63.7	21	1	76.1	7	1
8. DBW 132	N-2-08	42.8	29	0	62.2	14	0	68.9	5	1	47.4	36	0	83.1	3	1
9. HI 1592	N-2-09	54.9	3	1	56.3	26	0	50.9	26	0	69.9	2	1	60.4	22	0
10. GW 449	N-2-10	48.4	17	0	58.3	22	0	64.9	7	1	68.1	12	1	45.5	34	0
11. MP 1285	N-2-11	39.7	36	0	70.1	4	0	50.0	29	0	62.2	24	0	55.4	29	0
12. MACS 6604	N-2-12	58.2	1	1	61.5	15	0	59.4	10	0	69.6	5	1	70.4	13	1
13. HI 1595	N-2-13	50.5	12	0	61.2	17	0	70.1	4	1	61.2	27	0	43.5	36	0
14. RVW 4197	N-2-14	49.4	13	0	61.5	15	0	53.3	21	0	69.2	6	1	51.6	32	0
15. NIAW 2059	N-2-15	44.1	24	0	64.6	12	0	48.5	32	0	59.9	30	0	73.4	8	1
16. HI 1596	N-2-16	54.5	5	1	60.4	19	0	51.9	25	0	63.2	22	1	52.4	31	0
17. GW 453	N-2-17	49.2	14	0	67.7	6	0	56.0	17	0	59.8	33	0	70.9	11	1
18. MACS 6520	N-2-18	45.3	23	0	47.9	32	0	56.0	17	0	66.5	15	1	80.4	5	1
19. MP 3410	N-2-19	40.8	34	0	51.0	30	0	41.6	36	0	56.3	35	0	66.8	17	0
20. GW 451	N-2-20	46.6	20	0	67.7	7	0	53.3	22	0	68.3	11	1	87.1	1	1
21. MP 1284	N-2-21	49.0	16	0	52.6	29	0	45.1	34	0	56.3	34	0	50.7	33	0
22. UAS 353	N-2-23	41.9	31	0	58.3	22	0	56.6	14	0	59.9	31	0	57.7	26	0
23. NIAW 2073	N-2-24	40.3	35	0	33.3	36	0	50.0	29	0	62.0	25	0	80.4	5	1
24. UAS 351	N-2-25	45.3	22	0	65.1	11	0	52.7	23	0	60.6	29	0	80.8	4	1
25. CG 1013	N-2-26	52.2	7	0	77.6	1	1	75.6	1	1	69.6	4	1	58.7	24	0
26. UAS 354	N-2-27	47.5	19	0	47.9	32	0	52.7	23	0	68.4	10	1	70.5	12	1
27. GW 452	N-2-28	54.6	4	1	60.7	18	0	56.3	15	0	66.9	14	1	71.1	10	1
28. LOK 70	N-2-29	46.2	21	0	45.3	35	0	53.9	19	0	66.0	17	1	64.4	18	0
29. MP 1283	N-2-30	40.9	33	0	74.0	2	1	71.1	3	1	64.6	20	1	72.6	9	1
30. UAS 352	N-2-31	42.0	30	0	59.9	20	0	56.2	16	0	69.0	8	1	44.8	35	0
31. WH 1160	N-2-32	53.5	6	1	54.2	27	0	50.5	28	0	69.2	7	1	61.9	21	0
32. AKAW 4800	N-2-33	43.0	28	0	59.6	21	0	56.7	13	0	65.5	18	1	68.4	16	0
33. DBW 125	N-2-34	43.7	25	0	66.4	8	0	50.5	27	0	61.8	26	0	58.8	23	0
34. PBW 700	N-2-36	41.1	32	0	58.3	22	0	64.0	8	0	59.9	32	0	83.3	2	1
35. GW 322 (C)	N-2-22	43.6	26	0	65.4	10	0	53.4	20	0	68.7	9	1	58.1	25	0
36. MACS 6222 (C)	N-2-35	49.1	15	0	68.8	5	0	65.7	6	1	60.7	28	0	63.2	19	0
Mean =		47.5			59.6			56.3			64.3			64.8		
S.E.m =		1.885			2.359			3.940			2.645			5.973		
C.D. =		5.4			6.8			11.3			7.7			17.2		
C.V. =		5.6			5.6			9.9			5.8			13.0		
D.O.S. (dd.mm.yy)		20.11.12			20.11.12			20.11.12			20.11.12			19.11.12		

No. of Trials : Proposed & Conducted =14
Trials not Reported (01) : Sagar (RMT)

1293-NIVT-2-IR-LS-TAS-NAT-ZONE, 2012-13
LOCATIONWISE MEAN YIELDS (q/ha)

VARIETY	CODE	CZ									PZ					
		VIJAPUR			JUNAGADH			BILASPUR			NIPHAD			PARBHANI		
		Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1. HI 1593	N-2-01	47.1	26	0	32.7	27	0	49.6	1	1	39.4	19	0	40.8	5	1
2. RAJ 4337	N-2-02	48.9	19	0	26.7	35	0	38.3	34	0	38.4	22	0	33.9	25	0
3. HI 1594	N-2-03	49.6	16	0	38.6	8	1	46.9	8	1	33.1	30	0	39.4	8	0
4. K 1210	N-2-04	42.4	32	0	32.0	30	0	42.2	22	0	36.6	27	0	41.2	4	1
5. RAJ 4338	N-2-05	44.8	29	0	33.8	23	0	42.2	23	0	34.9	29	0	29.2	35	0
6. GW 450	N-2-06	47.7	22	0	22.1	36	0	38.5	33	0	29.7	35	0	26.8	36	0
7. UP 2862	N-2-07	45.4	28	0	33.6	25	0	42.2	21	0	38.5	21	0	33.2	28	0
8. DBW 132	N-2-08	48.2	21	0	38.3	9	1	47.8	4	1	19.2	36	0	39.0	10	0
9. HI 1592	N-2-09	47.2	25	0	35.9	18	0	41.4	27	0	40.1	14	0	32.8	29	0
10. GW 449	N-2-10	44.1	30	0	32.6	28	0	42.2	24	0	35.3	28	0	37.4	16	0
11. MP 1285	N-2-11	33.9	36	0	30.4	32	0	43.3	17	1	39.8	16	0	39.8	7	0
12. MACS 6604	N-2-12	60.3	1	1	36.9	13	0	47.0	7	1	49.8	3	1	39.4	9	0
13. HI 1595	N-2-13	51.5	14	1	32.1	29	0	39.8	28	0	39.5	17	0	35.5	18	0
14. RVW 4197	N-2-14	49.5	17	0	35.7	19	0	37.7	35	0	32.9	31	0	29.4	33	0
15. NIAW 2059	N-2-15	48.4	20	0	33.6	24	0	38.5	32	0	37.7	24	0	35.1	20	0
16. HI 1596	N-2-16	52.5	12	1	31.6	31	0	44.3	14	1	40.1	15	0	31.4	32	0
17. GW 453	N-2-17	58.5	3	1	32.7	26	0	47.3	5	1	38.1	23	0	38.8	11	0
18. MACS 6520	N-2-18	56.1	5	1	45.6	1	1	49.2	3	1	31.3	34	0	38.5	12	0
19. MP 3410	N-2-19	41.4	34	0	36.0	17	0	45.8	10	1	46.6	5	1	34.9	21	0
20. GW 451	N-2-20	55.2	6	1	41.6	4	1	44.9	12	1	42.8	8	0	29.3	34	0
21. MP 1284	N-2-21	56.8	4	1	40.7	5	1	33.2	36	0	52.2	2	1	31.8	31	0
22. UAS 353	N-2-23	51.9	13	1	30.3	33	0	38.6	31	0	31.5	33	0	34.7	23	0
23. NIAW 2073	N-2-24	35.0	35	0	36.2	16	0	47.0	6	1	48.9	4	1	40.4	6	0
24. UAS 351	N-2-25	49.0	18	0	35.3	22	0	44.1	16	1	43.4	7	0	35.4	19	0
25. CG 1013	N-2-26	54.7	7	1	42.5	3	1	43.2	18	1	42.2	9	0	47.5	1	1
26. UAS 354	N-2-27	50.0	15	0	36.5	14	0	44.3	13	1	41.5	11	0	41.5	3	1
27. GW 452	N-2-28	52.9	9	1	35.4	21	0	38.9	30	0	38.5	20	0	33.6	26	0
28. LOK 70	N-2-29	46.2	27	0	27.9	34	0	49.6	1	1	37.3	25	0	38.1	13	0
29. MP 1283	N-2-30	47.2	24	0	35.5	20	0	42.8	19	0	40.5	12	0	34.8	22	0
30. UAS 352	N-2-31	43.8	31	0	37.1	12	0	45.3	11	1	52.8	1	1	42.9	2	1
31. WH 1160	N-2-32	54.3	8	1	38.1	10	1	39.6	29	0	31.6	32	0	38.1	13	0
32. AKAW 4800	N-2-33	42.1	33	0	38.8	7	1	41.8	26	0	36.7	26	0	37.7	15	0
33. DBW 125	N-2-34	52.9	10	1	37.3	11	0	42.7	20	0	40.4	13	0	33.4	27	0
34. PBW 700	N-2-36	47.4	23	0	44.2	2	1	42.1	25	0	39.5	18	0	35.6	17	0
35. GW 322 (C)	N-2-22	52.8	11	1	40.4	6	1	46.1	9	1	41.8	10	0	32.6	30	0
36. MACS 6222 (C)	N-2-35	58.6	2	1	36.5	15	0	44.3	15	1	45.8	6	1	34.5	24	0
Mean =		49.1			35.4			43.1			39.1			36.1		
S.E.m =		3.151			2.743			2.214			2.531			2.451		
C.D. =		9.2			8.0			6.5			7.4			7.0		
C.V. =		9.1			11.0			7.3			9.1			9.6		
D.O.S. (dd.mm.yy)		19.11.12			23.11.12			20.11.12			06.11.12			15.11.12		

1293-NIVT-2-IR-LS-TAS-NAT-ZONE, 2012-13

LOCATIONWISE MEAN YIELDS (q/ha)

VARIETY	CODE	PZ								
		PUNE			DHARWAD			AKOLA		
		Yield	RK	G	Yield	RK	G	Yield	RK	G
1. HI 1593	N-2-01	50.8	14	1	33.6	31	0	36.4	23	0
2. RAJ 4337	N-2-02	45.6	27	0	33.0	32	0	30.7	33	0
3. HI 1594	N-2-03	49.9	20	1	36.8	24	0	39.0	16	0
4. K 1210	N-2-04	49.5	21	1	43.8	8	1	44.1	4	1
5. RAJ 4338	N-2-05	42.8	33	0	32.7	33	0	28.6	34	0
6. GW 450	N-2-06	46.8	26	0	29.2	36	0	37.7	20	0
7. UP 2862	N-2-07	47.8	23	1	36.9	23	0	36.1	25	0
8. DBW 132	N-2-08	50.8	14	1	41.5	14	1	35.3	27	0
9. HI 1592	N-2-09	51.3	10	1	39.8	18	0	35.6	26	0
10. GW 449	N-2-10	42.2	35	0	30.2	35	0	31.0	32	0
11. MP 1285	N-2-11	54.3	4	1	38.0	21	0	45.4	3	1
12. MACS 6604	N-2-12	55.0	2	1	48.5	1	1	42.6	7	1
13. HI 1595	N-2-13	53.1	8	1	32.6	34	0	39.9	14	0
14. RVW 4197	N-2-14	43.1	31	0	36.5	26	0	38.3	18	0
15. NIAW 2059	N-2-15	50.8	14	1	44.0	6	1	37.3	22	0
16. HI 1596	N-2-16	49.4	22	1	36.4	27	0	34.7	28	0
17. GW 453	N-2-17	44.4	29	0	42.3	11	1	42.3	8	1
18. MACS 6520	N-2-18	42.6	34	0	44.6	4	1	39.8	15	0
19. MP 3410	N-2-19	43.5	30	0	42.7	10	1	32.7	30	0
20. GW 451	N-2-20	54.3	4	1	39.9	17	0	33.9	29	0
21. MP 1284	N-2-21	52.9	9	1	36.9	22	0	41.4	9	0
22. UAS 353	N-2-23	40.9	36	0	34.2	30	0	27.4	35	0
23. NIAW 2073	N-2-24	43.0	32	0	36.3	28	0	26.4	36	0
24. UAS 351	N-2-25	54.4	3	1	45.0	2	1	40.4	11	0
25. CG 1013	N-2-26	45.3	28	0	41.7	12	1	40.7	10	0
26. UAS 354	N-2-27	53.8	6	1	43.8	7	1	43.3	6	1
27. GW 452	N-2-28	47.5	24	1	40.1	16	0	37.4	21	0
28. LOK 70	N-2-29	50.9	12	1	34.7	29	0	44.1	4	1
29. MP 1283	N-2-30	50.1	19	1	41.3	15	1	40.0	13	0
30. UAS 352	N-2-31	51.3	10	1	39.7	19	0	47.4	2	1
31. WH 1160	N-2-32	53.8	6	1	44.3	5	1	40.1	12	0
32. AKAW 4800	N-2-33	50.6	18	1	41.7	13	1	38.1	19	0
33. DBW 125	N-2-34	50.6	17	1	39.1	20	0	36.3	24	0
34. PBW 700	N-2-36	47.4	25	1	36.5	25	0	31.2	31	0
35. GW 322 (C)	N-2-22	50.9	13	1	44.9	3	1	47.8	1	1
36. MACS 6222 (C)	N-2-35	56.4	1	1	43.7	9	1	38.9	17	0
Mean =		49.1			39.1			37.8		
S.E.m =		3.168			2.879			1.935		
C.D. =		9.1			8.4			5.6		
C.V. =		9.1			10.4			7.2		
D.O.S. (dd.mm.yy)		10.11.12			10.11.12			07.11.12		

1293-NIVT-2-IR-LS-TAS-NAT-ZONE, 2012-13
ZONE AND NATIONAL MEANS (q/ha)

VARIETY	CODE	CZ			PZ			NATIONAL		
		Yield	RK	G	Yield	RK	G	Yield	RK	G
1. HI 1593	N-2-01	53.5	15	0	40.2	17	0	48.4	15	0
2. RAJ 4337	N-2-02	49.7	30	0	36.3	31	0	44.5	34	0
3. HI 1594	N-2-03	54.7	10	1	39.6	23	0	48.9	11	0
4. K 1210	N-2-04	50.9	26	0	43.0	9	1	47.9	18	0
5. RAJ 4338	N-2-05	54.3	12	0	33.6	36	0	46.3	27	0
6. GW 450	N-2-06	49.3	32	0	34.0	34	0	43.4	35	0
7. UP 2862	N-2-07	51.3	23	0	38.5	27	0	46.4	25	0
8. DBW 132	N-2-08	54.9	9	1	37.1	30	0	48.0	17	0
9. HI 1592	N-2-09	52.1	18	0	39.9	22	0	47.4	20	0
10. GW 449	N-2-10	50.5	27	0	35.2	33	0	44.6	31	0
11. MP 1285	N-2-11	48.1	33	0	43.4	8	1	46.3	28	0
12. MACS 6604	N-2-12	57.9	3	1	47.1	1	1	53.7	1	1
13. HI 1595	N-2-13	51.2	24	0	40.1	18	0	47.0	23	0
14. RVW 4197	N-2-14	51.0	25	0	36.1	32	0	45.3	30	0
15. NIAW 2059	N-2-15	51.4	21	0	41.0	15	0	47.4	21	0
16. HI 1596	N-2-16	51.4	22	0	38.4	28	0	46.4	26	0
17. GW 453	N-2-17	55.3	7	1	41.2	13	0	49.8	7	0
18. MACS 6520	N-2-18	55.9	5	1	39.4	25	0	49.5	9	0
19. MP 3410	N-2-19	47.5	36	0	40.1	19	0	44.6	32	0
20. GW 451	N-2-20	58.1	2	1	40.0	20	0	51.1	4	1
21. MP 1284	N-2-21	48.1	34	0	43.0	10	1	46.1	29	0
22. UAS 353	N-2-23	49.4	31	0	33.7	35	0	43.4	36	0
23. NIAW 2073	N-2-24	48.0	35	0	39.0	26	0	44.6	33	0
24. UAS 351	N-2-25	54.1	13	0	43.7	5	1	50.1	6	0
25. CG 1013	N-2-26	59.3	1	1	43.5	7	1	53.2	2	1
26. UAS 354	N-2-27	52.2	17	0	44.8	3	1	49.4	10	0
27. GW 452	N-2-28	54.6	11	0	39.4	24	0	48.8	12	0
28. LOK 70	N-2-29	49.9	28	0	41.0	14	0	46.5	24	0
29. MP 1283	N-2-30	56.1	4	1	41.4	12	0	50.4	5	1
30. UAS 352	N-2-31	49.8	29	0	46.8	2	1	48.6	13	0
31. WH 1160	N-2-32	52.6	16	0	41.6	11	0	48.4	16	0
32. AKAW 4800	N-2-33	52.0	19	0	41.0	16	0	47.7	19	0
33. DBW 125	N-2-34	51.7	20	0	40.0	21	0	47.2	22	0
34. PBW 700	N-2-36	55.0	8	1	38.0	29	0	48.5	14	0
35. GW 322 (C)	N-2-22	53.6	14	0	43.6	6	1	49.7	8	0
36. MACS 6222 (C)	N-2-35	55.8	6	1	43.9	4	1	51.2	3	1
S.E.m =		1.674			1.661			1.212		
C.D. =		4.6			4.6			3.4		

Summary of Disease Data and Agronomic Characteristics

Central Zone

NIVT-2-IR-TS-TAS- NAT-ZONE, 2012-13

SN	Genotype	Code	Disease Reaction			Agronomic Characteristics								Grain Characteristics			
			BI	Br	ACI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW. M
1	HI 1593	N-2-01	tS	tMR	0.3	48-80	65	91-137	116	66-102	88	25	M	A	H	35-58	48
2	RAJ 4337	N-2-02	tS	5MS	1.3	51-86	70	90-133	115	62-101	87	10	Ey-M	A	H	29-44	41
3	HI 1594	N-2-03	tS	10MS	2.7	48-78	64	89-137	116	70-101	86	20	Ey-M	A	H	39-46	42
4	K 1210	N-2-04	5MS	5MS	1.7	56-91	75	100-141	123	87-120	105	25	M	A	H	36-57	43
5	RAJ 4338	N-2-05	tR	10MS	2.7	48-77	63	91-135	116	64-92	80	15	M	A	H	39-50	45
6	GW450	N-2-06	tR	0	0.0	50-80	64	88-137	116	62-101	82	40	M	A	SH-H	34-53	48
7	UP2862	N-2-07	tMR	tR	0.1	50-86	69	94-136	119	64-106	88	35	Ey-M	A	H	36-47	41
8	DBW 132	N-2-08	5S	tMS	0.6	54-88	73	96-136	120	43-99	84	20	Ey-M	A	SH-H	35-50	42
9	HI 1592	N-2-09	tR	tR	0.1	47-81	63	90-135	115	59-102	84	25	M	A	SH-H	37-52	44
10	GW 449	N-2-10	tS	10S	3.4	46-92	67	86-135	116	69-106	89	0	M	A	SH-H	37-53	47
11	MP 1285	N-2-11	5MS	10MS	4.1	52-90	75	100-135	121	75-114	97	35	Ey-M	A	SH	31-47	36
12	MACS 6604	N-2-12	tS	10MS	2.7	51-82	67	94-136	118	66-106	91	35	Ey	A	SH	33-54	43
13	HI 1595	N-2-13	tS	tMR	0.1	48-83	66	92-138	116	55-101	81	20	Ey	A	H	37-48	42
14	RVW4197	N-2-14	0	10S	3.4	49-86	68	95-135	117	66-97	84	15	Ey-M	A	SH	34-41	38
15	NIAW 2059	N-2-15	5MS	tR	0.1	54-82	69	97-142	121	72-110	96	35	Ey-M	A	SH-H	34-53	40
16	HI 1596	N-2-16	tMS	10MS	2.7	45-86	65	88-134	115	61-96	81	20	Ey-M	A	SH	33-48	44
17	GW 453	N-2-17	5MS	10S	3.3	55-87	72	96-133	117	70-101	89	25	M	A	SH-H	33-45	39
18	MACS 6520	N-2-18	5MS	tR	0.1	55-89	76	97-135	120	74-102	92	20	M	A	SH	26-46	37
19	MP 3410	N-2-19	5S	10S	3.3	55-88	75	94-137	121	67-107	93	70	Ey-M	A	SH	32-40	36
20	GW 451	N-2-20	5MS	10S	3.3	52-83	68	93-141	118	56-89	80	15	M	A	SH	35-48	44
21	MP 1284	N-2-21	5S	10S	3.5	53-84	68	99-138	120	70-103	87	15	M	A	SH	25-48	40
22	UAS 353	N-2-23	tS	0	0.0	47-90	68	89-135	116	65-99	84	15	Ey	A	H	40-48	42
23	NIAW 2073	N-2-24	0	tR	0.1	58-89	73	99-141	122	71-111	92	50	M	A	SH-H	33-51	42
24	UAS 351	N-2-25	5MS	5MS	1.6	52-89	76	99-132	120	81-113	102	35	Ey	A	SH-H	32-43	37
25	CG 1013	N-2-26	tMS	tMR	0.2	54-91	75	97-134	119	68-101	90	35	Ey-M	A	SH-H	37-45	41
26	UAS 354	N-2-27	10S	10S	3.3	53-84	72	93-134	119	73-112	98	5	Ey-M	A	SH	32-47	39
27	GW 452	N-2-28	5MS	5MS	1.4	50-89	67	92-137	119	70-116	96	25	M	A	SH	33-50	43
28	LOK 70	N-2-29	tMS	0	0.0	54-86	70	95-135	120	56-95	81	20	M	A	SH-H	37-50	43
29	MP 1283	N-2-30	5MR	5S	1.7	51-93	74	94-135	119	72-103	91	10	Ey-M	A	SH	30-42	37
30	UAS 352	N-2-31	tS	0	0.0	54-93	77	99-137	122	68-104	93	10	Ey-M	A	SH	31-44	40
31	WH 1160	N-2-32	10MS	tMS	0.3	52-92	69	95-134	118	68-106	90	40	Ey	A	SH	31-45	40
32	AKAW 4800	N-2-33	tMS	10S	3.4	57-90	71	99-143	124	74-98	88	5	M	A	SH	34-47	38
33	DBW 125	N-2-34	tMR	tMR	0.3	54-92	70	92-135	117	69-97	85	20	Ey-M	A	SH	28-40	36
34	PBW 700	N-2-36	0	0	0.0	54-90	76	96-142	121	68-101	89	25	Ey-M	A	SH	31-48	39
35	GW 322 (C)	N-2-22	tMS	5S	1.7	56-85	71	97-136	120	71-101	87	25	Ey-M	A	SH	33-46	39
36	MACS 6222 (C)	N-2-35	5MR	tMR	0.1	54-89	73	96-138	120	69-101	89	0	M	A	SH	33-48	41

1. Ancillary data from Gwalior, Indore, Bilaspur, Vijapur, Junagadh, Udaipur and Kota centres.

2. Black rust data from Vijapur and brown rust data from Vijapur, Junagarh, Bilaspur and Lodging data from Gwalior and Vijapur centres

Central Zone
NIVT-2-IR-TS-TAS-NAT-ZONE, 2012-13
Individual Station Rust Data

SN	Genotype	Code	Vijapur	Vijapur	Junagarh	Bilaspur
			BI	Br	Br	Br
1	HI 1593	N-2-01	tS	tMR	0	0
2	RAJ 4337	N-2-02	tS	0	0	5MS
3	HI 1594	N-2-03	tS	0	tR	10MS
4	K 1210	N-2-04	5MS	tR	5MS	tMS
5	RAJ 4338	N-2-05	tR	0	0	10MS
6	GW450	N-2-06	tR	0	0	0
7	UP2862	N-2-07	tMR	0	tR	0
8	DBW 132	N-2-08	5S	tR	tMS	tMS
9	HI 1592	N-2-09	tR	0	tR	0
10	GW 449	N-2-10	tS	0	tR	10S
11	MP 1285	N-2-11	5MS	tR	5MS	10MS
12	MACS 6604	N-2-12	tS	0	0	10MS
13	HI 1595	N-2-13	tS	0	tMR	0
14	RVW4197	N-2-14	0	tR	0	10S
15	NIAW 2059	N-2-15	5MS	tR	0	0
16	HI 1596	N-2-16	tMS	0	0	10MS
17	GW 453	N-2-17	5MS	0	0	10S
18	MACS 6520	N-2-18	5MS	tR	0	0
19	MP 3410	N-2-19	5S	0	0	10S
20	GW 451	N-2-20	5MS	0	0	10S
21	MP 1284	N-2-21	5S	tR	tR	10S
22	UAS 353	N-2-23	tS	0	0	0
23	NIAW 2073	N-2-24	0	tR	0	0
24	UAS 351	N-2-25	5MS	0	5MS	tMS
25	CG 1013	N-2-26	tMS	0	tR	tMR
26	UAS 354	N-2-27	10S	0	0	10S
27	GW 452	N-2-28	5MS	tR	0	5MS
28	LOK 70	N-2-29	tMS	0	0	0
29	MP 1283	N-2-30	5MR	tR	0	5S
30	UAS 352	N-2-31	tS	0	0	0
31	WH 1160	N-2-32	10MS	tMS	tR	0
32	AKAW 4800	N-2-33	tMS	0	tR	10S
33	DBW 125	N-2-34	tMR	tR	tR	tMR
34	PBW 700	N-2-36	0	0	0	0
35	GW 322 (C)	N-2-22	tMS	0	tR	5S
36	MACS 6222 (C)	N-2-35	5MR	0	tMR	0

Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

NIVT-2-IR-TS-TAS-NAT-ZONE, 2012-13

SN	Genotype	Code	Disease Reaction			Agronomic Characteristics								Grain Characteristics			
			BI	Br	LB	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	HI 1593	N-2-01	0	0	12	43-53	50	84-112	103	69-90	81	0	Ey	A	H	38-56	48
2	RAJ 4337	N-2-02	0	0	23	44-55	51	86-112	102	65-81	73	0	Ey	A	SH	41-45	43
3	HI 1594	N-2-03	0	0	12	41-56	49	80-110	100	61-85	78	0	Ey	A	SH	39-48	42
4	K 1210	N-2-04	5MR	0	01	57-70	62	102-117	110	85-100	96	0	Ey	A	SH	37-47	42
5	RAJ 4338	N-2-05	0	0	36	44-52	49	86-113	102	67-78	73	0	Ey	A	SH-H	39-46	42
6	GW450	N-2-06	0	0	12	40-55	49	78-111	102	66-82	73	0	Ey	A	SH	41-54	47
7	UP2862	N-2-07	0	tMS	12	45-51	49	88-111	103	73-86	81	0	Ey	A	SH	37-43	40
8	DBW 132	N-2-08	5MR	5S	01	50-70	58	99-119	109	74-89	83	0	Ey	A	SH-H	38-42	39
9	HI 1592	N-2-09	0	0	34	43-58	52	84-113	102	63-82	76	0	Ey-M	A	SH-H	42-49	44
10	GW 449	N-2-10	0	0	24	42-53	49	82-112	102	73-87	80	0	Ey-M	A	SH	38-48	45
11	MP 1285	N-2-11	20MR	40S	12	56-66	61	101-118	111	69-91	86	0	Ey	A	SH	39-50	42
12	MACS 6604	N-2-12	0	20S	12	41-59	52	80-115	101	72-91	84	30	Ey	A	SH	37-46	42
13	HI 1595	N-2-13	tMR	0	24	41-50	48	80-111	100	66-86	78	0	Ey	A	SH-H	41-46	44
14	RVW4197	N-2-14	0	0	12	40-53	49	78-113	101	61-78	72	0	Ey-M	A	SH	36-41	38
15	NIAW 2059	N-2-15	0	0	12	49-56	54	94-114	106	72-93	83	5	Ey	A	SH	39-46	43
16	HI 1596	N-2-16	0	0	12	40-56	48	78-109	98	62-78	72	0	Ey	A	SH	39-48	44
17	GW 453	N-2-17	5MR	0	12	54-68	59	98-117	108	72-88	81	0	Ey-M	A	SH	33-45	39
18	MACS 6520	N-2-18	0	0	23	52-63	58	99-117	107	71-86	81	0	Ey-M	A	SH	32-43	38
19	MP 3410	N-2-19	5MR	20S	12	51-66	57	97-116	107	73-88	82	20	Ey-M	A	SH-H	32-40	35
20	GW 451	N-2-20	0	0	56	49-56	52	94-115	105	63-79	69	0	Ey-M	A	H	38-45	42
21	MP 1284	N-2-21	5MR	80S	12	42-55	52	82-115	102	69-89	82	0	Ey	A	SH-H	41-47	44
22	UAS 353	N-2-23	0	0	12	41-57	51	80-113	100	61-80	72	0	Ey	A	SH	37-47	42
23	NIAW 2073	N-2-24	0	tR	01	50-62	56	96-120	110	77-91	86	0	M	A	SH-H	41-48	45
24	UAS 351	N-2-25	10MR	tS	00	55-63	59	101-118	110	78-94	90	0	Ey	A	SH-H	34-45	41
25	CG 1013	N-2-26	0	5S	12	51-69	59	97-117	107	72-86	80	0	Ey	A	SH	32-52	41
26	UAS 354	N-2-27	0	0	12	51-66	58	97-120	107	82-97	90	0	Ey	A	SH	39-45	41
27	GW 452	N-2-28	0	40S	24	47-58	53	91-114	103	73-92	84	0	Ey-M	A	SH-H	37-48	44
28	LOK 70	N-2-29	0	0	24	47-59	54	91-115	104	58-78	73	0	M	A	SH-H	41-47	43
29	MP 1283	N-2-30	5MR	tS	12	51-58	55	96-115	105	72-91	84	0	Ey	A	SH	37-49	42
30	UAS 352	N-2-31	tR	0	02	53-67	59	99-118	109	74-91	85	0	Ey	A	SH	36-53	43
31	WH 1160	N-2-32	0	20S	12	47-57	52	91-111	103	75-88	80	30	Ey	A	SH	37-45	41
32	AKAW 4800	N-2-33	5MR	20S	23	53-63	59	98-118	109	78-88	83	0	Ey	A	SH	37-48	40
33	DBW 125	N-2-34	0	tMS	12	46-63	54	89-114	104	69-80	75	5	Ey	A	SH-H	36-42	40
34	PBW 700	N-2-36	0	0	12	47-59	55	91-116	105	67-86	78	10	Ey	A	SH-H	36-42	38
35	GW 322 (C)	N-2-22	0	5MR	12	54-65	58	98-119	107	75-87	81	0	Ey-M	A	SH-H	36-41	39
36	MACS 6222 (C)	N-2-35	5MR	0	12	51-68	58	96-120	107	72-85	79	0	Ey	A	SH	40-48	43

1. Ancillary data from Akola, Niphad, Pune, Parbhani, Dharwad and Black rust data from Pune centre
2. Brown rust and leaf blight data from Pune and Dharwad and Lodging data from Pune

Peninsular Zone
NIVT-2-IR-TS-TAS-NAT-ZONE, 2012-13
Individual Station Rust Data

SN	Genotype	Code	Pune		Dharward
			Bl	Br	Br
1	HI 1593	N-2-01	0	0	0
2	RAJ 4337	N-2-02	0	0	0
3	HI 1594	N-2-03	0	0	0
4	K 1210	N-2-04	5MR	0	0
5	RAJ 4338	N-2-05	0	0	0
6	GW450	N-2-06	0	0	0
7	UP2862	N-2-07	0	0	tMS
8	DBW 132	N-2-08	5MR	5S	tS
9	HI 1592	N-2-09	0	0	0
10	GW 449	N-2-10	0	0	0
11	MP 1285	N-2-11	20MR	tS	40S
12	MACS 6604	N-2-12	0	0	20S
13	HI 1595	N-2-13	tMR	0	0
14	RVW4197	N-2-14	0	0	0
15	NIAW 2059	N-2-15	0	0	0
16	HI 1596	N-2-16	0	0	0
17	GW 453	N-2-17	5MR	0	0
18	MACS 6520	N-2-18	0	0	0
19	MP 3410	N-2-19	5MR	tS	20S
20	GW 451	N-2-20	0	0	0
21	MP 1284	N-2-21	5MR	20S	80S
22	UAS 353	N-2-23	0	0	0
23	NIAW 2073	N-2-24	0	tR	0
24	UAS 351	N-2-25	10MR	tS	0
25	CG 1013	N-2-26	0	5S	0
26	UAS 354	N-2-27	0	0	0
27	GW 452	N-2-28	0	tS	40S
28	LOK 70	N-2-29	0	0	0
29	MP 1283	N-2-30	5MR	tS	0
30	UAS 352	N-2-31	tR	0	0
31	WH 1160	N-2-32	0	0	20S
32	AKAW 4800	N-2-33	5MR	20S	tMS
33	DBW 125	N-2-34	0	0	tMS
34	PBW 700	N-2-36	0	0	0
35	GW 322 (C)	N-2-22	0	5MR	0
36	MACS 6222 (C)	N-2-35	5MR	0	0