1803-NIVT-2-IR-TS-TAS-NAT-ZONE, 2018-19

LOCATIONWISE MEAN YIELD (q/ha)

S.N	Variety	Code	CZ																	
			MP												Chhattisgarh			Gujarat		
			Indore			Powarkheda			Gwalior			Jabalpur			Bilaspur			Junagarh		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	MP 3522	N-301	61.5	11	0	60.9	18	0	54.9	30	0	54.3	24	0	48.9	13	1	38.3	36	0
2	NIAW 3592	N-302	56.1	19	0	58.9	23	0	69.0	11	1	57.6	19	0	41.5	26	0	42.6	27	0
3	DBW 289	N-303	64.3	7	0	76.5	1	1	72.4	7	1	51.2	32	0	37.3	29	0	46.1	14	1
4	NIAW 3584	N-304	49.8	25	0	58.3	24	0	63.6	23	0	61.1	14	1	37.3	28	0	40.9	30	0
5	WH 1262	N-305	51.8	22	0	56.8	28	0	71.0	9	1	44.4	36	0	44.1	22	0	44.6	22	0
6	HI 1636	N-306	67.8	6	1	72.3	3	1	51.6	31	0	51.3	31	0	48.3	14	1	46.9	10	1
7	HI 1637	N-307	71.2	3	1	63.5	12	0	75.3	3	1	62.4	13	1	42.4	25	0	47.8	7	1
8	HI 1638	N-308	60.1	14	0	69.8	4	1	50.7	32	0	68.7	1	1	50.9	10	1	43.1	26	0
9	TAW 155	N-309	57.2	16	0	63.5	12	0	64.0	21	0	62.9	9	1	54.4	5	1	45.4	16	1
10	HI 1640	N-310	38.5	36	0	53.1	32	0	70.5	10	1	56.1	21	0	32.9	33	0	45.2	17	0
11	HI 1639	N-311	71.7	2	1	65.1	11	0	64.1	20	0	55.7	22	0	40.7	27	0	39.8	33	0
12	HW 1904	N-312	49.3	26	0	58.3	24	0	65.1	17	0	53.0	27	0	36.5	31	0	47.8	6	1
13	MP 3521	N-313	70.2	5	1	63.5	12	0	65.1	18	0	52.2	29	0	24.1	36	0	47.2	9	1
14	RVW 4265	N-314	40.0	34	0	56.3	29	0	60.6	27	0	64.5	7	1	46.6	18	0	41.9	29	0
15	MP 1359	N-315	60.8	12	0	66.8	7	0	57.9	29	0	60.7	15	1	55.3	2	1	45.1	19	0
16	MP 1361	N-316	57.3	15	0	75.8	2	1	64.5	19	0	63.3	8	1	57.5	1	1	45.1	18	0
17	UAS 3006	N-318	54.9	20	0	61.5	17	0	59.1	28	0	60.4	16	1	42.5	24	0	46.6	12	1
18	MP 1360	N-319	46.2	30	0	53.6	31	0	72.7	6	1	59.6	17	0	51.1	9	1	47.4	8	1
19	MACS 6742	N-320	62.3	10	0	60.9	20	0	75.1	4	1	53.6	25	0	46.8	17	0	43.4	24	0
20	MACS 6745	N-321	60.7	13	0	60.9	18	0	72.9	5	1	66.1	5	1	52.0	8	1	48.4	4	1
21	NW S2118	N-322	56.8	18	0	57.8	27	0	66.0	16	1	54.3	23	0	30.6	34	0	44.4	23	0
22	CG 1031	N-323	53.7	21	0	62.5	15	0	67.8	13	1	66.4	3	1	50.4	11	1	45.0	20	0
23	RVW 4266	N-324	56.9	17	0	67.8	6	0	78.2	1	1	59.5	18	0	45.1	20	0	42.4	28	0
24	TAW 153	N-325	62.5	9	0	55.2	30	0	62.2	25	0	66.1	4	1	46.2	19	0	48.9	3	1
25	PBW 810	N-326	45.3	31	0	66.7	8	0	50.4	33	0	51.8	30	0	54.9	3	1	44.8	21	0
26	UP 3032	N-327	39.5	35	0	51.6	33	0	43.8	34	0	44.8	35	0	35.8	32	0	39.5	35	0
27	Raj 4542	N-328	42.1	33	0	48.4	35	0	40.0	35	0	62.9	10	1	29.6	35	0	43.3	25	0
28	UAS 3005	N-329	43.7	32	0	49.5	34	0	38.2	36	0	52.3	28	0	36.7	30	0	39.6	34	0
29	NW S2108	N-330	50.0	24	0	66.1	10	0	67.8	14	1	57.4	20	0	44.0	23	0	45.7	15	1
30	GW 513	N-331	72.7	1	1	58.0	26	0	63.4	24	0	49.3	33	0	54.7	4	1	50.6	1	1
31	GW 514	N-332	48.5	28	0	44.8	36	0	63.8	22	0	65.9	6	1	44.6	21	0	40.4	32	0
32	MAC S6747	N-333	63.9	8	0	60.9	20	0	67.9	12	1	68.0	2	1	53.3	7	1	46.8	11	1
33	GW 322 (C)	N-317	48.9	27	0	62.5	15	0	61.5	26	0	62.6	11	1	50.0	12	1	49.5	2	1
34	MACS 6222 (C)	N-334	47.8	29	0	59.6	22	0	77.7	2	1	53.3	26	0	54.1	6	1	48.2	5	1
35	MACS 6478 (C)	N-335	51.3	23	0	66.7	8	0	66.1	15	1	62.5	12	1	47.0	16	0	46.5	13	1
36	HI 1544 (C)	N-336	70.4	4	1	69.6	5	1	71.7	8	1	44.9	34	0	47.8	15	0	40.4	31	0
G.M.			55.7			61.2			63.5			57.8			44.9			44.7		
S.E.(M)			2.921			3.135			5.256			3.745			3.937			2.263		
C.D. (10%)			7.1			7.5			12.6			8.9			9.5			5.4		
C.V.			7.4			7.2			11.7			9.2			12.4			7.2		
D.O.S.(dd.mm.yy)			12.11.18			15.11.18			12.11.18			16.11.18			14.11.18			15.11.18		

No. of Trials : Proposed =17 Conducted =17

Trials not reported (02) = Parbhani (HCV), Sagar (RMT)

1803-NIVT-2-IR-TS-TAS-NAT-ZONE, 2018-19

LOCATIONWISE MEAN YIELD (q/ha)

S.N	Variety	Code	CZ									PZ								
			Gujarat			Rajasthan						Maharashtra								
			Vijapur			Kota			Udaipur			Niphad			Pune			Akola		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	MP 3522	N-301	63.6	15	0	56.1	21	0	60.3	4	1	57.2	16	0	61.9	14	0	42.8	12	1
2	NIAW 3592	N-302	58.4	27	0	54.1	26	0	46.7	15	0	59.1	13	0	61.9	15	0	48.6	1	1
3	DBW 289	N-303	65.3	7	1	64.4	6	1	40.7	26	0	63.0	6	1	62.4	11	0	45.8	6	1
4	NIAW 3584	N-304	64.9	9	1	62.1	11	0	56.3	8	1	53.0	27	0	66.6	2	1	39.9	24	0
5	WH 1262	N-305	66.7	3	1	50.1	33	0	61.5	2	1	51.5	29	0	60.1	23	0	38.8	28	0
6	HI 1636	N-306	64.4	13	0	67.6	5	1	63.5	1	1	59.7	11	0	58.4	26	0	44.3	8	1
7	HI 1637	N-307	58.6	26	0	70.2	3	1	40.9	25	0	70.3	1	1	61.6	17	0	41.0	19	0
8	HI 1638	N-308	58.9	25	0	74.6	1	1	46.4	16	0	56.5	19	0	56.8	31	0	39.4	26	0
9	TAW 155	N-309	64.5	12	0	69.5	4	1	51.2	12	0	59.0	14	0	58.4	27	0	42.7	13	1
10	HI 1640	N-310	65.6	5	1	54.8	25	0	36.4	32	0	69.1	2	1	52.7	36	0	35.8	33	0
11	HI 1639	N-311	63.5	16	0	62.9	10	0	50.1	13	0	61.1	8	1	61.2	19	0	46.7	3	1
12	HW 1904	N-312	64.6	11	0	61.3	12	0	45.3	17	0	59.9	10	1	61.1	20	0	46.5	4	1
13	MP 3521	N-313	63.3	17	0	73.7	2	1	45.2	19	0	61.7	7	1	60.5	22	0	39.4	25	0
14	RVW 4265	N-314	53.2	33	0	59.6	16	0	37.4	31	0	42.2	36	0	53.0	34	0	32.3	36	0
15	MP 1359	N-315	56.9	29	0	55.0	23	0	40.9	24	0	48.9	32	0	65.9	3	1	40.0	23	0
16	MP 1361	N-316	65.5	6	1	63.4	9	0	37.9	30	0	54.0	25	0	68.4	1	1	45.7	7	1
17	UAS 3006	N-318	53.6	32	0	44.3	35	0	36.1	33	0	54.1	23	0	64.3	7	1	47.8	2	1
18	MP 1360	N-319	64.9	9	1	56.3	20	0	45.3	18	0	57.9	15	0	61.8	16	0	43.4	11	1
19	MACS 6742	N-320	63.2	18	0	54.0	27	0	34.6	36	0	59.3	12	0	60.6	21	0	34.9	35	0
20	MACS 6745	N-321	59.4	23	0	53.5	28	0	35.2	35	0	60.6	9	1	65.3	5	1	44.2	9	1
21	NW S2118	N-322	58.9	24	0	51.5	30	0	51.7	10	0	50.9	31	0	57.8	29	0	40.5	20	0
22	CG 1031	N-323	51.8	35	0	64.2	7	0	40.6	27	0	54.4	22	0	64.7	6	1	42.4	14	1
23	RVW 4266	N-324	61.3	21	0	55.7	22	0	48.3	14	0	65.3	4	1	58.6	24	0	38.6	29	0
24	TAW 153	N-325	67.1	2	1	59.7	15	0	58.9	5	1	52.8	28	0	65.9	4	1	43.5	10	1
25	PBW 810	N-326	62.2	20	0	58.1	17	0	43.6	21	0	54.1	24	0	57.7	30	0	35.9	32	0
26	UP 3032	N-327	56.4	30	0	42.3	36	0	41.0	23	0	43.0	35	0	52.8	35	0	37.6	31	0
27	Raj 4542	N-328	57.3	28	0	51.2	31	0	38.8	29	0	48.7	33	0	58.6	25	0	42.3	15	1
28	UAS 3005	N-329	49.2	36	0	51.6	29	0	40.3	28	0	44.2	34	0	55.7	33	0	41.8	17	0
29	NW S2108	N-330	54.7	31	0	64.1	8	0	44.0	20	0	56.7	18	0	62.9	10	1	37.9	30	0
30	GW 513	N-331	69.9	1	1	60.9	14	0	61.0	3	1	66.8	3	1	56.6	32	0	40.5	20	0
31	GW 514	N-332	65.1	8	1	47.1	34	0	57.9	6	1	56.0	21	0	58.3	28	0	35.0	34	0
32	MAC S6747	N-333	64.4	14	0	50.7	32	0	57.5	7	1	57.1	17	0	62.0	13	0	41.4	18	0
33	GW 322 (C)	N-317	62.3	19	0	54.9	24	0	51.7	10	0	56.3	20	0	62.2	12	0	46.3	5	1
34	MACS 6222 (C)	N-334	65.9	4	1	61.0	13	0	54.9	9	1	53.6	26	0	63.2	9	1	40.3	22	0
35	MACS 6478 (C)	N-335	52.7	34	0	57.4	19	0	43.6	21	0	51.4	30	0	63.8	8	1	39.0	27	0
36	HI 1544 (C)	N-336	61.3	22	0	58.0	18	0	35.8	34	0	63.2	5	1	61.4	18	0	42.2	16	1
G.M.			61.1			58.2			46.7			56.5			60.7			41.3		
S.E.(M)			2.210			4.303			3.581			4.413			2.344			2.729		
C.D. (10%)			5.3			10.4			8.6			10.5			5.6			6.5		
C.V.			5.1			10.5			10.8			11.1			5.5			9.4		
D.O.S.(dd.mm.yy)			19.11.18			18.11.18			17.11.18			14.11.18			15.11.18			12.11.18		

1803-NIVT-2-IR-TS-TAS-NAT-ZONE, 2018-19
LOCATIONWISE MEAN YIELD (q/ha)

S.N	Variety	Code	PZ								
			Karnataka								
			Dharwad			UgarKhurd			Nippani		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	MP 3522	N-301	40.3	23	0	39.2	24	0	57.7	9	0
2	NIAW 3592	N-302	42.8	14	1	44.4	9	0	45.6	21	0
3	DBW 289	N-303	40.5	22	0	43.4	14	0	58.5	7	0
4	NIAW 3584	N-304	38.0	29	0	44.0	13	0	54.2	15	0
5	WH 1262	N-305	40.8	20	0	39.5	23	0	55.8	11	0
6	HI 1636	N-306	38.7	27	0	35.1	33	0	29.3	35	0
7	HI 1637	N-307	41.1	18	0	38.8	25	0	62.3	4	1
8	HI 1638	N-308	34.6	31	0	35.7	32	0	69.2	2	1
9	TAW 155	N-309	37.6	30	0	42.2	19	0	40.8	30	0
10	HI 1640	N-310	32.7	32	0	40.2	21	0	72.7	1	1
11	HI 1639	N-311	31.3	33	0	37.6	28	0	64.0	3	1
12	HW 1904	N-312	40.8	19	0	37.3	30	0	49.4	18	0
13	MP 3521	N-313	29.3	35	0	45.2	6	0	42.1	29	0
14	RVW 4265	N-314	43.5	11	1	45.0	7	0	45.4	23	0
15	MP 1359	N-315	45.3	7	1	31.7	35	0	55.4	13	0
16	MP 1361	N-316	40.1	24	0	52.4	2	1	55.6	12	0
17	UAS 3006	N-318	47.9	4	1	45.7	4	0	33.1	33	0
18	MP 1360	N-319	31.0	34	0	44.1	12	0	45.7	20	0
19	MACS 6742	N-320	47.9	3	1	41.2	20	0	35.7	31	0
20	MACS 6745	N-321	50.6	1	1	45.3	5	0	44.8	25	0
21	NW S2118	N-322	42.2	16	1	33.9	34	0	42.7	28	0
22	CG 1031	N-323	48.9	2	1	44.2	10	0	55.2	14	0
23	RVW 4266	N-324	38.1	28	0	38.2	26	0	43.8	27	0
24	TAW 153	N-325	45.6	6	1	43.1	17	0	49.4	18	0
25	PBW 810	N-326	28.0	36	0	43.3	15	0	51.5	16	0
26	UP 3032	N-327	40.7	21	0	35.9	31	0	50.4	17	0
27	Raj 4542	N-328	42.4	15	1	44.2	10	0	45.6	21	0
28	UAS 3005	N-329	44.7	8	1	31.7	35	0	56.3	10	0
29	NW S2108	N-330	43.6	10	1	56.9	1	1	33.3	32	0
30	GW 513	N-331	39.5	26	0	40.1	22	0	61.9	5	1
31	GW 514	N-332	39.8	25	0	42.5	18	0	44.1	26	0
32	MAC S6747	N-333	43.1	12	1	38.2	26	0	45.2	24	0
33	GW 322 (C)	N-317	44.5	9	1	48.8	3	0	28.8	36	0
34	MACS 6222 (C)	N-334	42.9	13	1	44.5	8	0	58.3	8	0
35	MACS 6478 (C)	N-335	41.9	17	0	37.5	29	0	31.3	34	0
36	HI 1544 (C)	N-336	47.6	5	1	43.2	16	0	60.2	6	0
G.M.			40.8			41.5			49.3		
S.E.(M)			3.576			3.268			4.744		
C.D. (10%)			8.6			7.8			11.3		
C.V.			12.4			11.1			13.6		
D.O.S.(dd.mm.yy)			06.11.18			15.11.18			14.11.18		

1803-NIVT-2-IR-TS-TAS-NAT-ZONE, 2018-19
ZONAL AND NATIONAL MEANS (q/ha)

S.N	Variety	Code	CZ			PZ			NATIONAL		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	MP 3522	N-301	55.4	19	0	49.8	13	1	53.2	16	0
2	NIAW 3592	N-302	53.9	26	0	50.4	10	1	52.5	19	0
3	DBW 289	N-303	57.6	10	1	52.3	4	1	55.4	4	1
4	NIAW 3584	N-304	54.9	21	0	49.3	14	0	52.7	18	0
5	WH 1262	N-305	54.5	25	0	47.7	22	0	51.8	24	0
6	HI 1636	N-306	59.3	2	1	44.3	33	0	53.3	14	0
7	HI 1637	N-307	59.1	5	1	52.5	3	1	56.5	1	1
8	HI 1638	N-308	58.1	8	1	48.7	17	0	54.4	11	1
9	TAW 155	N-309	59.2	4	1	46.8	26	0	54.2	12	0
10	HI 1640	N-310	50.3	33	0	50.5	8	1	50.4	28	0
11	HI 1639	N-311	57.1	12	0	50.3	11	1	54.4	10	1
12	HW 1904	N-312	53.5	27	0	49.2	15	0	51.8	25	0
13	MP 3521	N-313	56.0	14	0	46.4	28	0	52.2	22	0
14	RVW 4265	N-314	51.1	31	0	43.6	35	0	48.1	33	0
15	MP 1359	N-315	55.5	18	0	47.9	19	0	52.4	20	0
16	MP 1361	N-316	58.9	6	1	52.7	2	1	56.4	2	1
17	UAS 3006	N-318	51.0	32	0	48.8	16	0	50.1	30	0
18	MP 1360	N-319	55.2	20	0	47.3	23	0	52.1	23	0
19	MACS 6742	N-320	54.9	22	0	46.6	27	0	51.6	26	0
20	MACS 6745	N-321	56.6	13	0	51.8	5	1	54.7	8	1
21	NW S2118	N-322	52.4	30	0	44.7	32	0	49.3	32	0
22	CG 1031	N-323	55.8	16	0	51.6	6	1	54.1	13	0
23	RVW 4266	N-324	57.3	11	0	47.1	24	0	53.2	15	0
24	TAW 153	N-325	58.5	7	1	50.0	12	1	55.1	5	1
25	PBW 810	N-326	53.1	29	0	45.1	31	0	49.9	31	0
26	UP 3032	N-327	43.8	36	0	43.4	36	0	43.7	36	0
27	Raj 4542	N-328	45.9	34	0	47.0	25	0	46.4	34	0
28	UAS 3005	N-329	44.6	35	0	45.7	30	0	45.0	35	0
29	NW S2108	N-330	54.9	23	0	48.5	18	0	52.3	21	0
30	GW 513	N-331	60.1	1	1	50.9	7	1	56.4	3	1
31	GW 514	N-332	53.1	28	0	46.0	29	0	50.2	29	0
32	MAC S6747	N-333	59.3	3	1	47.8	20	0	54.7	7	1
33	GW 322 (C)	N-317	56.0	15	0	47.8	21	0	52.7	17	0
34	MACS 6222 (C)	N-334	58.1	9	1	50.5	9	1	55.0	6	1
35	MACS 6478 (C)	N-335	54.8	24	0	44.1	34	0	50.6	27	0
36	HI 1544 (C)	N-336	55.5	17	0	53.0	1	1	54.5	9	1
G.M.			54.9			48.3			52.3		
S.E.(M)			1.201			1.476			0.932		
C.D. (10%)			2.8			3.4			2.2		

Summary of Disease Data and Agronomic Characteristics

Central Zone **Trial : NIVT 2-IR-TS-TAS, 2018-19**

SN	Variety	Code	Disease Reaction		Agronomic Characteristics								Grain Characteristics			
			Br	Bl	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	MP3522	N-301	5R	10MR	54-87	72	99-142	124	81-117	99	20	Ey-M	A	SH	38-53	45
2	NIAW3592	N-302	0	tR	52-84	72	96-139	122	78-107	92	10	Ey-M	A	SH-H	41-53	46
3	DBW289	N-303	0	tR	50-84	69	97-139	122	84-115	101	15	Ey-M	A	SH-H	42-55	46
4	NIAW3584	N-304	tR	tMR	57-89	74	104-143	124	82-103	95	25	Ey-M	A	SH	37-49	42
5	WH1262	N-305	0	0	57-90	78	100-142	126	88-114	103	20	Ey-M	A	SH	39-57	45
6	HI1636	N-306	0	tR	50-83	69	97-139	123	85-114	100	30	Ey-M	A	SH	41-56	50
7	HI1637	N-307	0	0	48-81	66	98-136	122	75-96	89	0	Ey-M	A	SH	42-52	47
8	HI1638	N-308	0	0	54-86	71	97-140	122	87-112	102	50	Ey-M	A	SO-SH	37-50	45
9	TAW155	N-309	tR	tMR	53-85	71	99-141	123	79-109	98	10	Ey-M	A	SO-SH	29-50	41
10	HI1640	N-310	tR	tR	44-80	64	98-136	120	66-95	82	5	Ey-M	A	SH	38-44	41
11	HI1639	N-311	tR	tMR	45-81	66	93-138	120	73-100	91	20	Ey-M	A	SH	39-49	45
12	HW 1904	N-312	0	0	54-85	70	106-142	126	71-105	83	30	Ey-M	A	SH	30-43	36
13	MP3521	N-313	0	0	45-80	65	94-136	121	72-100	89	0	Ey-M	A	SH	36-44	40
14	RVW4265	N-314	5S	tMR	72-93	81	112-138	128	76-101	87	10	Ey-M	A	SH	39-47	43
15	MP1359	N-315	tR	tMR	56-89	75	100-143	124	82-113	100	20	Ey-M	A	SH	32-41	37
16	MP1361	N-316	tR	tMR	53-87	73	95-138	123	80-114	98	0	Ey-M	A	SH	38-61	47
17	UAS3006	N-318	tR	tMR	62-90	78	108-140	126	90-114	102	15	Ey-M	A	SH	36-47	40
18	MP1360	N-319	0	0	58-88	76	100-143	125	85-122	103	15	Ey-M	A	SO-SH	39-52	45
19	MACS6742	N-320	0	tR	53-85	69	101-139	123	81-109	95	0	Ey-M	A	SH	39-47	43
20	MACS6745	N-321	0	tR	55-84	71	101-140	124	83-110	98	35	Ey-M	A	SH	37-47	43
21	NWS2118	N-322	0	tR	55-88	75	100-139	124	80-111	97	5	Ey-M	A	SH	36-56	43
22	CG1031	N-323	10MS	40MS	58-92	77	105-142	125	79-113	100	0	Ey-M	A	SH	36-54	44
23	RVW4266	N-324	0	tR	51-85	68	95-139	122	71-88	83	0	Ey-M	A	SO-SH	39-46	42
24	TAW153	N-325	0	tR	57-89	75	104-139	126	85-110	100	60	Ey-M	A	SO-SH	37-48	43
25	PBW810	N-326	tR	tMS	62-91	79	107-142	127	89-114	101	5	Ey-M	A	SO-SH	41-52	45
26	UP3032	N-327	tR	tMR	64-95	83	110-144	130	85-107	99	10	Ey-M	A	SH	38-48	42
27	Raj4542	N-328	tR	tMR	65-94	81	109-142	129	88-112	101	20	Ey-M	A	SH	40-48	45
28	UAS3005	N-329	tR	20MR	63-95	82	110-143	129	90-121	105	25	Ey-M	A	SH	29-43	37
29	NWS2108	N-330	tR	20MR	63-89	78	108-141	127	84-109	96	0	Ey-M	A	SH	36-47	41
30	GW513	N-331	0	0	52-86	69	99-139	124	84-110	99	15	Ey-M	A	SO-SH	42-54	46
31	GW514	N-332	0	tR	52-83	69	102-141	124	79-112	97	5	Ey-M	A	SH	43-53	48
32	MACS6747	N-333	0	tR	50-83	68	102-141	123	87-117	101	15	Ey-M	A	SO-SH	41-54	48
33	GW322 (C)	N-317	tR	tS	55-84	72	104-139	124	79-101	93	15	Ey-M	A	SO-SH	37-53	41
34	MACS6222 (C)	N-334	5R	10MR	60-94	77	105-143	127	79-113	95	0	Ey-M	A	SH	40-47	45
35	MACS6478 (C)	N-335	tR	10S	59-90	78	105-141	127	77-101	91	5	Ey-M	A	SH	37-52	43
36	HI1544 (C)	N-336	0	tR	49-80	66	97-136	122	75-109	94	10	Ey-M	A	SH	41-48	43

1. Ancillary data from Udaipur, Junagarh, Gwalior, Jabalpur, Vijapur, Bilaspur, Powarkheda, Indore and Kota.
2. Brown and Black rust data from Vijapur centre only. 3.Data on Lodging is from Udaipur, Gwalior and Powarkheda.

Summary of Disease Data and Agronomic Characteristics

Peninsular Zone **Trial : NIVT 2-IR-TS-TAS, 2018-19**

SN	Variety	Code	Disease Reaction		Agronomic Characteristics								Grain Characteristics			
			Br	Bl	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	MP3522	N-301	0	0	54-66	60	98-119	106	69-101	85	0	Ey-M	A	SH-H	36-51	45
2	NIAW3592	N-302	0	0	54-65	59	98-118	106	71-92	85	0	Ey-M	A	SH-H	42-52	47
3	DBW289	N-303	0	0	51-66	58	95-119	107	81-107	93	0	Ey-M	A	SH-H	39-45	44
4	NIAW3584	N-304	0	0	54-75	63	104-128	110	71-99	91	0	Ey	A	SH-H	37-47	40
5	WH1262	N-305	tMS	0	60-75	65	106-127	110	85-106	95	0	Ey-M	A	SH-H	39-46	44
6	HI1636	N-306	0	0	51-66	58	100-119	107	71-102	86	0	Ey	A	SH-H	44-55	50
7	HI1637	N-307	0	0	50-68	57	96-118	106	70-94	81	0	Ey-M	A	SH-H	34-49	44
8	HI1638	N-308	0	0	53-67	59	99-121	107	75-107	90	0	Ey-M	A	H	40-51	44
9	TAW155	N-309	0	0	54-70	61	101-121	110	75-97	88	0	Ey-M	A	H	39-49	42
10	HI1640	N-310	0	0	44-64	53	92-116	103	57-88	74	0	Ey	A	H	40-47	42
11	HI1639	N-311	0	0	49-63	54	94-119	102	67-95	80	0	Ey-M	A	H	39-51	46
12	HW 1904	N-312	0	0	53-66	58	97-120	106	66-92	78	5	Ey	A	SH	30-58	37
13	MP3521	N-313	0	0	44-61	53	92-116	102	70-90	81	0	Ey-M	A	H	39-44	42
14	RVW4265	N-314	0	0	53-78	66	105-117	112	67-93	85	0	Ey-M	A	H	32-53	41
15	MP1359	N-315	5S	0	54-68	59	100-122	108	73-105	88	0	Ey-M	A	H	33-51	40
16	MP1361	N-316	0	0	54-73	62	98-126	108	77-102	90	0	Ey-M	A	H	44-54	48
17	UAS3006	N-318	0	0	56-80	67	105-131	113	84-107	99	0	Ey-M	A	SH-H	31-53	42
18	MP1360	N-319	0	0	60-75	66	104-128	111	77-101	87	0	Ey	A	SH	40-50	45
19	MACS6742	N-320	0	0	54-65	58	101-118	107	78-99	90	0	Ey	A	SH-H	36-55	44
20	MACS6745	N-321	0	0	55-77	64	104-122	111	72-99	89	0	Ey-M	A	SH-H	35-52	42
21	NWS2118	N-322	10S	0	58-75	65	105-129	112	74-96	89	0	Ey-M	A	SH-H	33-52	40
22	CG1031	N-323	5S	5MS	61-81	67	105-132	111	80-103	91	0	Ey-M	A	H	32-50	44
23	RVW4266	N-324	0	0	52-64	58	98-118	107	63-93	81	0	Ey-M	A	SH-H	39-53	44
24	TAW153	N-325	0	0	56-71	65	105-122	111	76-99	89	0	Ey-M	A	SH-H	34-49	42
25	PBW810	N-326	0	tMS	60-78	71	106-129	115	81-106	95	0	Ey	A	SH-H	35-53	42
26	UP3032	N-327	0	0	55-84	71	109-133	115	73-101	92	10	Ey-M	A	SH-H	34-56	44
27	Raj4542	N-328	0	0	63-83	70	109-132	115	71-106	92	0	Ey	A	SH-H	38-52	45
28	UAS3005	N-329	5S	0	57-82	68	108-130	114	77-106	91	0	Ey	A	SH-H	29-57	38
29	NWS2108	N-330	0	0	53-75	62	98-127	109	70-100	91	0	Ey-M	A	H	35-56	44
30	GW513	N-331	0	0	51-73	58	97-118	107	77-101	89	0	Ey	A	SH-H	39-48	44
31	GW514	N-332	0	0	48-72	58	94-119	107	69-99	89	0	Ey-M	A	H	43-50	46
32	MACS6747	N-333	0	0	54-66	61	103-119	108	76-105	90	0	Ey-M	A	SH-H	39-51	47
33	GW322 (C)	N-317	0	0	56-71	63	106-122	111	75-102	90	0	Ey	A	SH-H	35-51	42
34	MACS6222 (C)	N-334	0	0	62-73	66	105-126	110	71-102	87	0	Ey-M	A	H	34-51	44
35	MACS6478 (C)	N-335	30S	0	51-76	61	97-128	109	75-100	89	0	Ey-M	A	SH-H	34-48	41
36	HI1544 (C)	N-336	0	0	50-64	56	94-129	106	70-99	85	0	Ey-M	A	SH-H	40-46	43

1. Ancillary data from Prabhani, Pune, Dharwad, Ugar-Khurd, Akola, Niphad and Nippani.
2. Brown rust data from Ugar-Khurd; Black rust data fom Dharwad.
3. Data on Lodging and Black point from Pune centre only.