

## 1903-NIVT-2-IR-TS-TAS-NAT-ZONE, 2019-20

## LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	CZ														
			MP									Chhattisgarh					
			Indore			Powarkheda			Gwalior			Jabalpur			Bilaspur		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	GW521	N-301	58.4	3	1	66.9	11	1	77.8	21	0	62.3	20	0	41.8	27	0
2	MP3535	N-302	44.9	28	0	71.4	3	1	86.1	6	0	70.1	8	1	56.1	3	1
3	RVW4301	N-304	48.8	17	0	60.4	30	0	74.3	28	0	51.4	35	0	31.9	36	0
4	UAS3012	N-305	51.7	8	0	58.2	33	0	80.6	16	0	73.3	2	1	43.4	23	0
5	NWS2176	N-306	46.8	24	0	61.1	28	0	81.3	13	0	58.7	27	0	34.6	35	0
6	RVW4304	N-307	56.5	6	0	67.8	9	1	87.5	4	1	73.9	1	1	37.3	32	0
7	DBW314	N-309	50.5	13	0	72.3	2	1	79.9	17	0	65.5	13	0	37.7	30	0
8	HI1650	N-310	62.8	1	1	65.4	15	0	66.4	35	0	65.3	14	0	52.4	10	1
9	HD3376	N-311	40.6	34	0	64.7	17	0	77.8	21	0	63.6	17	0	35.6	33	0
10	HI1648	N-313	51.3	10	0	60.4	29	0	83.9	11	0	70.9	7	1	44.5	22	0
11	WH1275	N-314	41.6	32	0	64.4	18	0	97.0	1	1	65.0	15	0	47.3	18	0
12	MACS3735	N-315	60.4	2	1	56.7	35	0	68.8	33	0	72.9	3	1	53.3	8	1
13	UAS3011	N-316	47.3	22	0	66.7	14	1	77.1	23	0	49.9	36	0	51.5	12	0
14	GW522	N-317	47.2	23	0	70.4	6	1	71.9	31	0	71.6	6	1	52.1	11	1
15	NIAW3889	N-318	50.7	12	0	67.1	10	1	86.1	6	0	53.7	31	0	43.4	23	0
16	HI1649	N-319	50.3	14	0	58.4	32	0	72.6	29	0	55.2	29	0	37.4	31	0
17	NIAW3882	N-320	42.2	31	0	62.5	25	0	86.8	5	1	61.7	22	0	42.6	26	0
18	AKAW5099	N-321	49.9	15	0	63.8	20	0	79.2	19	0	54.7	30	0	49.4	16	0
19	HD3359	N-322	46.1	25	0	65.0	16	0	76.4	24	0	72.4	4	1	45.4	20	0
20	MP1369	N-323	58.2	4	1	72.9	1	1	72.2	30	0	69.0	10	1	56.3	2	1
21	UP3058	N-324	39.2	35	0	56.9	34	0	63.1	36	0	57.4	28	0	39.9	29	0
22	HI1647	N-325	49.7	16	0	70.9	5	1	70.7	32	0	69.7	9	1	45.8	19	0
23	MACS6764	N-326	52.9	7	0	62.3	26	0	79.7	18	0	51.9	34	0	40.9	28	0
24	PBW832	N-327	48.2	19	0	61.8	27	0	76.4	24	0	61.3	23	0	43.2	25	0
25	GW523	N-328	47.8	20	0	66.8	13	1	92.1	3	1	69.0	11	1	51.5	12	0
26	MP1370	N-329	48.6	18	0	63.6	21	0	79.2	19	0	59.7	25	0	54.8	5	1
27	CG1034	N-330	46.1	26	0	64.1	19	0	75.7	26	0	61.9	21	0	56.7	1	1
28	MACS6768	N-331	51.3	9	0	68.9	8	1	92.4	2	1	62.7	18	0	53.9	6	1
29	Raj4551	N-332	47.5	21	0	59.5	31	0	66.7	34	0	52.1	33	0	35.1	34	0
30	DBW315	N-333	43.5	29	0	62.7	23	0	84.5	9	0	59.5	26	0	48.1	17	0
31	MP3526	N-334	50.9	11	0	62.6	24	0	75.0	27	0	71.9	5	1	56.0	4	1
32	MP1371	N-335	43.0	30	0	69.3	7	1	80.6	14	0	62.6	19	0	53.6	7	1
33	MACS6478 (C)	N-303	29.1	36	0	62.9	22	0	84.0	10	0	53.7	32	0	53.1	9	1
34	HI1544 (C)	N-308	57.5	5	1	66.9	12	1	80.6	14	0	60.2	24	0	44.6	21	0
35	GW322 (C)	N-312	45.0	27	0	53.9	36	0	83.3	12	0	63.9	16	0	49.6	15	0
36	MACS6222 (C)	N-336	41.6	33	0	71.0	4	1	86.1	6	0	66.3	12	0	50.9	14	0
G.M.			48.6			64.5			79.3			62.9			46.4		
S.E.(M)			2.379			2.640			4.388			2.932			1.946		
C.D. (10%)			5.7			6.4			10.5			7.1			4.6		
C.V.			6.9			5.8			7.8			6.6			5.9		
D.O.S.(dd.mm.yy)			18.11.19			16.11.19			14.11.19			14.11.19			11.11.19		

No. of Trials : Proposed =17 Conducted =17  
Trials not reported (04) = Dharwad (RMT), Sagar (LS), Akola (LSM), Parbhani (LSM)

## 1903-NIVT-2-IR-TS-TAS-NAT-ZONE, 2019-20

## LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	CZ												PZ		
			Gujarat						Rajasthan						Maharashtra		
			Junagarh			Vijapur			Kota			Udaipur			Niphad		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	GW521	N-301	56.9	21	0	50.3	22	0	65.6	7	1	59.8	18	0	49.5	15	1
2	MP3535	N-302	56.7	22	0	54.4	14	1	59.8	15	1	65.3	5	1	52.4	8	1
3	RVW4301	N-304	51.8	29	0	46.6	31	0	56.9	26	0	47.2	31	0	35.1	33	0
4	UAS3012	N-305	60.2	10	0	53.1	15	0	59.6	17	1	50.1	27	0	50.9	12	1
5	NWS2176	N-306	64.3	4	1	61.3	3	1	53.2	34	0	64.1	10	1	53.6	5	1
6	RVW4304	N-307	61.9	8	1	46.6	30	0	56.4	27	0	63.8	11	1	56.6	2	1
7	DBW314	N-309	57.2	19	0	52.9	16	0	58.2	23	0	57.6	21	0	55.2	3	1
8	HI1650	N-310	62.3	6	1	58.4	6	1	67.6	5	1	64.4	8	1	44.2	23	0
9	HD3376	N-311	49.4	31	0	52.4	19	0	60.4	12	1	62.1	15	1	30.4	35	0
10	HI1648	N-313	59.9	11	0	52.2	20	0	56.0	29	0	44.0	34	0	52.5	7	1
11	WH1275	N-314	59.2	13	0	40.8	35	0	65.8	6	1	64.4	9	1	26.3	36	0
12	MACS3735	N-315	48.0	33	0	49.9	24	0	68.1	3	1	49.5	28	0	46.9	21	0
13	UAS3011	N-316	58.7	16	0	52.7	18	0	62.5	8	1	71.6	1	1	54.4	4	1
14	GW522	N-317	48.6	32	0	44.7	33	0	58.2	24	0	31.2	36	0	43.8	24	0
15	NIAW3889	N-318	52.8	28	0	49.6	25	0	57.0	25	0	52.6	25	0	48.5	17	1
16	HI1649	N-319	58.9	15	0	61.1	5	1	58.2	22	0	64.7	7	1	50.1	13	1
17	NIAW3882	N-320	57.2	18	0	55.3	11	1	59.7	16	1	44.1	33	0	47.2	19	0
18	AKAW5099	N-321	54.3	27	0	54.7	12	1	60.4	13	1	68.2	4	1	38.4	29	0
19	HD3359	N-322	61.8	9	1	50.0	23	0	53.6	33	0	62.8	12	1	37.9	30	0
20	MP1369	N-323	58.3	17	0	44.8	32	0	51.6	35	0	47.6	30	0	37.2	31	0
21	UP3058	N-324	47.8	34	0	49.0	26	0	41.1	36	0	42.8	35	0	30.4	34	0
22	HI1647	N-325	67.8	1	1	56.2	10	1	69.5	2	1	46.4	32	0	47.5	18	0
23	MACS6764	N-326	55.8	24	0	48.1	27	0	55.2	30	0	54.2	24	0	42.2	27	0
24	PBW832	N-327	59.8	12	0	54.7	13	1	59.6	17	1	62.3	14	1	52.6	6	1
25	GW523	N-328	59.1	14	0	58.2	7	1	62.2	9	1	69.5	2	1	42.6	26	0
26	MP1370	N-329	43.1	36	0	37.1	36	0	60.9	11	1	56.1	23	0	44.9	22	0
27	CG1034	N-330	65.0	3	1	61.3	4	1	71.8	1	1	62.8	13	1	51.7	9	1
28	MACS6768	N-331	57.0	20	0	56.3	9	1	58.8	19	0	59.0	20	0	51.2	10	1
29	Raj4551	N-332	56.0	23	0	43.2	34	0	54.8	32	0	48.1	29	0	35.7	32	0
30	DBW315	N-333	50.5	30	0	52.9	17	0	58.6	20	0	62.1	16	1	49.5	14	1
31	MP3526	N-334	55.1	25	0	61.6	2	1	55.1	31	0	52.0	26	0	47.0	20	0
32	MP1371	N-335	62.0	7	1	57.9	8	1	67.7	4	1	68.3	3	1	48.8	16	1
33	MACS6478 (C)	N-303	54.6	26	0	51.7	21	0	61.8	10	1	56.3	22	0	42.7	25	0
34	HI1544 (C)	N-308	46.6	35	0	48.0	28	0	58.6	21	0	60.1	17	0	56.7	1	1
35	GW322 (C)	N-312	66.7	2	1	47.7	29	0	60.1	14	1	59.2	19	0	41.8	28	0
36	MACS6222 (C)	N-336	63.0	5	1	63.1	1	1	56.1	28	0	65.3	6	1	51.1	11	1
G.M.			56.9			52.2			59.5			57.2			45.8		
S.E.(M)			3.020			4.010			5.408			4.594			3.456		
C.D. (10%)			7.3			9.7			12.9			11.0			8.3		
C.V.			7.5			10.9			12.9			11.4			10.7		
D.O.S.(dd.mm.yy)			13.11.19			13.11.19			19.11.19			11.11.19			28.11.19		

**1903-NIVT-2-IR-TS-TAS-NAT-ZONE, 2019-20**  
**LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	PZ								
			Maharashtra			Karnataka					
			Pune			UgarKhurd			Nippani		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	GW521	N-301	56.4	15	0	49.1	6	1	30.6	35	0
2	MP3535	N-302	64.8	3	1	43.1	18	0	34.0	29	0
3	RVW4301	N-304	40.5	35	0	34.9	35	0	31.0	34	0
4	UAS3012	N-305	59.0	11	0	41.2	26	0	45.0	14	1
5	NWS2176	N-306	56.6	14	0	41.7	23	0	36.0	25	0
6	RVW4304	N-307	56.1	18	0	41.6	24	0	42.5	17	1
7	DBW314	N-309	59.9	10	0	42.1	20	0	46.9	8	1
8	HI1650	N-310	55.9	19	0	42.0	21	0	46.9	8	1
9	HD3376	N-311	35.1	36	0	31.9	36	0	35.6	26	0
10	HI1648	N-313	61.9	7	1	46.5	10	1	56.7	1	1
11	WH1275	N-314	43.6	33	0	43.5	17	0	43.1	16	1
12	MACS3735	N-315	47.9	30	0	37.5	31	0	35.0	27	0
13	UAS3011	N-316	67.1	1	1	50.8	5	1	50.4	4	1
14	GW522	N-317	48.9	29	0	41.9	22	0	33.3	30	0
15	NIAW3889	N-318	61.7	8	1	46.5	9	1	33.1	31	0
16	HI1649	N-319	65.3	2	1	51.7	4	1	46.0	12	1
17	NIAW3882	N-320	53.5	24	0	44.1	15	0	51.7	3	1
18	AKAW5099	N-321	51.5	26	0	38.3	29	0	32.9	32	0
19	HD3359	N-322	40.9	34	0	35.2	33	0	49.5	5	1
20	MP1369	N-323	49.9	28	0	46.2	11	1	47.9	6	1
21	UP3058	N-324	47.0	31	0	36.9	32	0	40.6	20	1
22	HI1647	N-325	63.2	4	1	44.2	14	0	37.9	23	0
23	MACS6764	N-326	58.8	12	0	41.2	25	0	55.4	2	1
24	PBW832	N-327	54.9	20	0	45.1	12	1	31.7	33	0
25	GW523	N-328	58.2	13	0	40.4	27	0	36.7	24	0
26	MP1370	N-329	45.8	32	0	37.6	30	0	34.6	28	0
27	CG1034	N-330	60.8	9	0	47.1	7	1	46.7	10	1
28	MACS6768	N-331	56.1	17	0	39.6	28	0	47.7	7	1
29	Raj4551	N-332	50.4	27	0	44.4	13	0	39.8	22	0
30	DBW315	N-333	53.7	23	0	53.5	1	1	29.8	36	0
31	MP3526	N-334	62.3	6	1	35.2	34	0	41.9	18	1
32	MP1371	N-335	56.2	16	0	46.8	8	1	40.6	20	1
33	MACS6478 (C)	N-303	54.5	21	0	52.0	3	1	41.0	19	1
34	HI1544 (C)	N-308	53.1	25	0	43.7	16	0	46.7	10	1
35	GW322 (C)	N-312	54.2	22	0	43.1	19	0	44.4	15	1
36	MACS6222 (C)	N-336	62.7	5	1	52.7	2	1	45.4	13	1
G.M.			54.7			43.1			41.4		
S.E.(M)			2.580			3.522			6.846		
C.D. (10%)			6.2			8.5			16.4		
C.V.			6.7			11.5			23.4		
D.O.S.(dd.mm.yy)			20.11.19			20.11.19			19.11.19		

**1903-NIVT-2-IR-TS-TAS-NAT-ZONE, 2019-20**  
**ZONAL AND NATIONAL MEANS (q/ha)**

SN	Variety	Code	CZ			PZ			NATIONAL		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	GW521	N-301	60.0	12	0	46.4	22	0	55.8	16	0
2	MP3535	N-302	62.8	4	1	48.6	13	0	58.4	4	1
3	RVW4301	N-304	52.1	34	0	35.4	35	0	47.0	35	0
4	UAS3012	N-305	58.9	18	0	49.0	11	0	55.9	15	0
5	NWS2176	N-306	58.4	22	0	47.0	19	0	54.9	18	0
6	RVW4304	N-307	61.3	8	1	49.2	9	0	57.6	9	1
7	DBW314	N-309	59.1	16	0	51.0	6	1	56.6	12	0
8	HI1650	N-310	62.8	5	1	47.3	18	0	58.0	8	1
9	HD3376	N-311	56.3	30	0	33.3	36	0	49.2	33	0
10	HI1648	N-313	58.1	23	0	54.4	2	1	57.0	10	0
11	WH1275	N-314	60.6	10	0	39.1	33	0	54.0	25	0
12	MACS3735	N-315	58.6	20	0	41.8	29	0	53.4	30	0
13	UAS3011	N-316	59.8	13	0	55.7	1	1	58.5	3	1
14	GW522	N-317	55.1	33	0	42.0	28	0	51.1	32	0
15	NIAW3889	N-318	57.0	27	0	47.5	17	0	54.1	24	0
16	HI1649	N-319	57.4	26	0	53.3	3	1	56.2	13	0
17	NIAW3882	N-320	56.9	28	0	49.1	10	0	54.5	23	0
18	AKAW5099	N-321	59.4	14	0	40.3	32	0	53.5	29	0
19	HD3359	N-322	59.3	15	0	40.9	30	0	53.6	28	0
20	MP1369	N-323	59.0	17	0	45.3	25	0	54.8	20	0
21	UP3058	N-324	48.6	36	0	38.7	34	0	45.5	36	0
22	HI1647	N-325	60.7	9	0	48.2	14	0	56.9	11	0
23	MACS6764	N-326	55.7	32	0	49.4	8	0	53.7	26	0
24	PBW832	N-327	58.6	21	0	46.1	23	0	54.7	21	0
25	GW523	N-328	64.0	1	1	44.5	26	0	58.0	7	1
26	MP1370	N-329	55.9	31	0	40.7	31	0	51.2	31	0
27	CG1034	N-330	62.8	2	1	51.6	5	1	59.3	2	1
28	MACS6768	N-331	62.2	7	1	48.6	12	0	58.1	6	1
29	Raj4551	N-332	51.4	35	0	42.6	27	0	48.7	34	0
30	DBW315	N-333	58.0	25	0	46.6	20	0	54.5	22	0
31	MP3526	N-334	60.0	11	0	46.6	21	0	55.9	14	0
32	MP1371	N-335	62.8	3	1	48.1	15	0	58.3	5	1
33	MACS6478 (C)	N-303	56.4	29	0	47.5	16	0	53.7	27	0
34	HI1544 (C)	N-308	58.1	24	0	50.1	7	0	55.6	17	0
35	GW322 (C)	N-312	58.8	19	0	45.9	24	0	54.8	19	0
36	MACS6222 (C)	N-336	62.6	6	1	53.0	4	1	59.6	1	1
G.M.			58.6			46.2			54.8		
S.E.(M)			1.216			2.206			1.082		
C.D. (10%)			2.8			5.2			2.5		

## Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial: NIVT-2-IR-TS-TAS, 2019-20

SN	Variety	Code	Disease Reaction		Agronomic Characteristics								Grain Characteristics			
			Br	BI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	GW521	N-301	0	0	53-85	65	98-136	117	71-115	91	0	Ey	A	SH	35-53	44
2	MP3535	N-302	tMR	20S	56-82	69	107-139	119	70-114	92	5	Ey	A	So	36-47	41
3	RVW4301	N-304	0	tR	50-81	60	97-135	116	72-110	89	20	H	A	SH	36-50	43
4	UAS3012	N-305	tR	tR	65-94	77	109-141	125	83-108	96	20	Ey	A	H	38-50	45
5	NWS2176	N-306	0	20S	56-82	69	104-132	119	75-105	89	10	Ey	A	SH	39-50	44
6	RVW4304	N-307	tR	20MS	55-84	70	102-133	120	73-110	94	10	H	A	SH	38-50	45
7	DBW314	N-309	tR	10R	64-94	75	108-140	123	78-114	95	0	Ey	A	H	37-47	42
8	HI1650	N-310	0	10R	54-83	68	100-136	117	72-112	92	0	Ey	A	SH	42-54	47
9	HD3376	N-311	tMR	10MR	67-98	78	112-143	125	84-114	99	0	Ey	A	So	33-52	42
10	HI1648	N-313	tR	10R	53-85	67	100-133	116	81-114	96	5	Ey	A	SH	41-53	46
11	WH1275	N-314	tR	60S	58-86	71	106-132	119	83-110	96	0	Ey	A	SH	35-45	41
12	MACS3735	N-315	tR	5R	49-87	67	98-133	116	64-103	85	15	Ey	A	So	34-49	44
13	UAS3011	N-316	tR	20S	63-90	74	114-138	124	87-110	98	15	Ey	A	SH	35-50	42
14	GW522	N-317	0	0	53-83	64	103-131	116	64-101	83	10	Ey	A	SH	39-54	47
15	NIAW3889	N-318	tR	20S	63-85	73	109-135	121	75-114	94	20	Ey	A	H	34-50	42
16	HI1649	N-319	tR	40S	55-85	69	106-134	119	82-112	99	15	Ey	A	SH	39-48	44
17	NIAW3882	N-320	tR	10MS	60-84	71	107-132	120	79-110	95	20	Ey	A	SH	36-47	42
18	AKAW5099	N-321	0	40S	55-82	64	97-132	116	68-108	89	10	Ey	A	So	36-53	45
19	HD3359	N-322	tMS	40S	61-83	71	109-136	121	73-109	93	15	Ey	A	So	37-49	43
20	MP1369	N-323	0	20S	52-81	64	96-134	115	81-111	94	5	H	A	SH	40-52	45
21	UP3058	N-324	tMS	20S	61-88	73	107-135	123	91-125	107	10	Ey	A	SH	39-46	42
22	HI1647	N-325	tMR	40S	63-85	72	109-134	122	84-114	98	5	Ey	A	So	34-46	41
23	MACS6764	N-326	0	tR	49-79	65	97-129	115	68-109	93	10	H	A	So	43-52	47
24	PBW832	N-327	tMR	40S	55-80	65	101-130	116	82-110	97	5	Ey	A	SH	36-48	43
25	GW523	N-328	tMR	40S	60-81	69	105-134	119	68-107	93	10	Ey	A	SH	38-48	43
26	MP1370	N-329	tR	10R	53-82	64	96-133	116	66-108	88	5	Ey	A	SH	42-52	46
27	CG1034	N-330	0	5R	64-91	74	109-138	123	86-111	98	5	Ey	A	H	39-54	47
28	MACS6768	N-331	0	tR	56-81	64	101-131	115	70-108	89	15	Ey	A	H	39-49	43
29	Raj4551	N-332	tR	40S	57-83	69	106-135	119	70-103	86	20	Ey	A	SH	35-47	43
30	DBW315	N-333	tMS	60S	65-99	78	111-142	125	86-110	98	0	H	A	SH	32-47	40
31	MP3526	N-334	tR	20S	66-92	76	110-137	123	84-116	101	10	Ey	A	So	33-48	40
32	MP1371	N-335	tR	5R	56-85	70	107-135	120	81-105	92	0	Ey	A	SH	40-52	45
33	MACS6478 (C)	N-303	tR	80S	64-94	75	110-139	123	80-111	92	15	Ey	A	SH	34-48	42
34	HI1544 (C)	N-308	0	0	52-80	65	106-134	117	67-104	90	10	Ey	A	SH	40-52	45
35	GW322 (C)	N-312	tMR	60S	60-84	71	107-135	120	81-115	94	0	Ey	A	So	35-50	43
36	MACS6222 (C)	N-336	tMS	10R	56-88	71	106-136	121	74-110	93	5	Ey	A	SH	39-48	44

1. Ancillary data from Udaipur, Junagarh, Gwalior, Jabalpur, Vijapur, Bilaspur, Sagar, Powarkheda, Indore and Kota.

2. Brown rust data from Junagadh and Vijapur; Black rust data from Powarkheda and Vijapur.

3. Data on lodging from Udaipur, Gwalior, Vijapur, Jabalpur and Powarkheda.

## Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

Trial: NIVT-2-IR-TS-TAS, 2019-20

SN	Variety	Code	Disease Reaction		Agronomic Characteristics								Grain Characteristics			
			Br	BI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	GW521	N-301	0	5MS	51-61	54	97-111	103	65-86	79	20	Ey	A	SH	42-47	44
2	MP3535	N-302	0	5MS	54-66	59	98-112	104	82-95	87	0	Ey	A	SH	39-43	41
3	RVW4301	N-304	0	tMS	48-53	51	98-110	103	61-81	71	20	Ey	A	SH	33-42	37
4	UAS3012	N-305	0	0	64-78	69	100-118	110	70-97	84	10	Ey	A	H	41-48	45
5	NWS2176	N-306	tMS	0	58-63	61	98-113	106	66-89	77	10	Ey	A	H	39-47	43
6	RVW4304	N-307	5MS	0	58-65	62	96-114	107	72-96	83	0	Ey	A	SH	38-45	42
7	DBW314	N-309	0	0	62-72	67	100-120	110	74-95	87	5	Ey	A	SH	38-44	41
8	HI1650	N-310	0	tMS	51-61	56	98-111	103	66-92	81	0	Ey	A	SH	41-51	45
9	HD3376	N-311	5MS	0	64-77	70	101-115	111	70-98	83	10	Ey	A	H	35-55	44
10	HI1648	N-313	0	tMS	51-62	57	95-111	103	70-102	87	0	Ey	A	SH	44-49	46
11	WH1275	N-314	5MS	10MS	58-66	61	100-111	105	68-87	78	0	Ey	A	SH	34-43	39
12	MACS3735	N-315	0	10MS	53-62	57	94-110	102	61-86	73	10	Ey	A	SH	36-46	40
13	UAS3011	N-316	0	10MS	61-73	66	101-115	108	73-99	89	15	Ey	A	SH	37-46	41
14	GW522	N-317	0	0	50-58	53	95-113	102	60-76	71	15	Ey	A	SH	43-49	45
15	NIAW3889	N-318	0	tMS	51-71	60	100-117	107	67-99	88	10	Ey	A	SH	37-45	42
16	HI1649	N-319	5MS	10S	54-64	59	98-111	104	72-100	87	15	Ey	A	SH	37-64	48
17	NIAW3882	N-320	0	0	59-64	61	98-118	107	68-95	84	15	Ey	A	SH	36-46	41
18	AKAW5099	N-321	0	tMS	49-57	52	97-110	101	66-83	77	0	Ey	A	SH	46-52	48
19	HD3359	N-322	0	0	58-75	65	98-118	107	68-92	80	0	Ey	A	SH	38-47	43
20	MP1369	N-323	5MS	10S	48-58	53	96-111	103	66-88	80	20	Ey	A	SH	42-48	44
21	UP3058	N-324	0	tMS	61-69	65	98-119	109	77-102	93	0	Ey	A	SH	38-43	40
22	HI1647	N-325	0	tMS	63-67	65	101-117	109	78-104	92	5	Ey	A	SH	36-50	43
23	MACS6764	N-326	0	0	50-57	53	96-111	103	70-89	82	5	Ey	A	SH	42-49	45
24	PBW832	N-327	0	10MS	53-57	55	101-110	105	71-87	80	25	Ey	A	SH	39-45	42
25	GW523	N-328	5MS	5MS	57-64	60	99-112	105	67-87	79	5	Ey	A	SH	37-46	41
26	MP1370	N-329	0	5S	49-58	53	98-111	102	60-82	71	15	Ey	A	SH	36-47	42
27	CG1034	N-330	0	0	60-68	64	101-114	108	83-98	91	15	Ey	A	SH	43-54	48
28	MACS6768	N-331	0	0	50-58	53	97-112	102	75-84	73	15	Ey	A	SH	38-45	41
29	Raj4551	N-332	5MS	0	58-66	61	99-113	105	74-84	79	0	Ey	A	H	39-45	42
30	DBW315	N-333	0	0	64-68	66	101-116	110	71-97	81	0	Ey	A	SH	36-46	40
31	MP3526	N-334	5MS	0	63-73	67	99-118	110	74-105	92	10	Ey	A	SH	36-43	39
32	MP1371	N-335	0	0	59-65	61	98-119	107	74-96	85	0	Ey	A	H	44-46	45
33	MACS6478 (C)	N-303	5MS	0	59-72	65	100-115	109	66-88	80	5	Ey	A	SH	38-48	43
34	HI1544 (C)	N-308	0	0	52-61	55	100-110	103	63-96	81	0	Ey	A	SH	41-47	43
35	GW322 (C)	N-312	0	5MS	58-67	62	97-112	105	69-92	84	0	Ey	A	H	33-43	38
36	MACS6222 (C)	N-336	0	0	58-66	62	101-117	108	71-95	84	0	Ey	A	SH	37-45	41

1. Ancillary data from Parbhani, Pune, Ugar-Khurd, Akola, Niphad and Nippani.
2. Brown and black rust data from Nippani and Ugar-Khurd.
3. Data on lodging from Parbhani and Pune.