

**2353- AVT-RI-TS-TAD-PZ, 2023-24
LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	Maharashtra									Karnataka														
			Akola			Pune			Niphad			Parbhani			Karad			Nippani			Ugar-Khurd			Kalloli		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	CG1047	PZRI301	34.8	3	1	31.8	2	1	37.6	3	1	35.9	3	1	24.8	7	0	35.1	2	1	27.9	5	0	29.4	5	1
2	MACS4131(d)	PZRI303	31.0	6	0	30.2	6	0	29.8	13	0	32.8	7	0	25.8	6	0	29.2	9	0	24.3	12	0	26.8	7	0
3	GW1368(d)	PZRI304	20.7	14	0	21.9	14	0	26.7	14	0	24.6	14	0	24.7	8	0	24.7	13	0	20.9	14	0	19.0	14	0
4	HI8852(d)	PZRI306	25.7	13	0	27.5	9	0	35.1	9	1	30.8	11	0	22.3	13	0	30.2	7	1	27.4	7	0	24.1	10	0
5	UAS484(d)	PZRI310	27.1	11	0	27.2	10	0	38.1	1	1	31.7	8	0	23.9	10	0	28.6	10	0	27.3	8	0	23.1	12	0
6	NIAW4267	PZRI311	27.7	9	0	31.6	3	1	36.8	7	1	37.8	1	1	31.7	1	1	20.3	14	0	34.7	2	1	33.8	1	1
7	HI8851(d)	PZRI314	30.3	7	0	26.9	11	0	37.8	2	1	36.3	2	1	24.2	9	0	25.9	12	0	23.9	13	0	23.8	11	0
8	HI1605 (C)	PZRI302	36.4	2	1	29.6	8	0	37.1	6	1	30.8	10	0	26.7	5	0	32.0	5	1	30.1	3	0	31.1	2	1
9	NIAW3170 (C)	PZRI305	32.6	5	1	31.0	5	1	34.5	11	0	31.0	9	0	28.8	2	1	30.9	6	1	25.7	11	0	31.1	3	1
10	UAS446(d) (C)	PZRI307	27.7	10	0	24.9	13	0	34.8	10	1	33.1	6	0	22.8	12	0	32.3	4	1	25.8	9	0	24.4	9	0
11	NIDW1149(d)(C)	PZRI312	26.8	12	0	29.9	7	0	34.3	12	0	33.8	5	0	20.5	14	0	35.2	1	1	27.6	6	0	22.5	13	0
12	UAS478(d)(I)(C)	PZRI308	28.0	8	0	25.3	12	0	37.4	4	1	30.4	12	0	27.8	4	1	29.8	8	1	25.7	10	0	27.7	6	0
13	HI1665(I)(C)	PZRI309	32.9	4	1	32.4	1	1	35.9	8	1	28.8	13	0	27.8	3	1	32.4	3	1	28.4	4	0	30.5	4	1
14	DBW359(I)(C)	PZRI313	36.4	1	1	31.3	4	1	37.4	5	1	34.3	4	0	22.8	11	0	28.2	11	0	36.3	1	1	26.4	8	0
G.M.			29.9			28.7			35.2			32.3			25.3			29.6			27.6			26.7		
S.E.(M)			1.479			0.640			1.203			1.093			1.432			1.984			1.707			1.673		
C.D. (10%)			4.2			1.8			3.4			3.1			4.1			5.7			4.9			4.8		
C.V.			9.9			4.5			6.8			6.8			11.3			13.4			12.4			12.5		
D.O.S.(dd.mm.yy)			04.11.23			30.10.23			03.11.23			05.11.23			04.11.23			05.11.23			05.11.23			05.11.23		

No. of Trials : Proposed = 11 Conducted = 11
 Trial not conducted (00) = Nil
 Trials not reported (03) = Bagalkot (RMT), Nashik (LSM), Dharwad (LSM)

**2353- AVT-RI-TS-TAD-PZ, 2023-24
STATE AND ZONAL MEANS (q/ha)**

SN	Variety	Code	Maharashtra			Karnataka			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	CG1047	PZRI301	33.0	2	1	30.8	2	1	32.2	1	1
2	MACS4131(d)	PZRI303	29.9	8	0	26.8	11	0	28.7	9	0
3	GW1368(d)	PZRI304	23.7	14	0	21.5	14	0	22.9	14	0
4	HI8852(d)	PZRI306	28.3	13	0	27.2	10	0	27.9	13	0
5	UAS484(d)	PZRI310	29.6	10	0	26.3	12	0	28.4	11	0
6	NIAW4267	PZRI311	33.1	1	1	29.6	5	1	31.8	2	1
7	HI8851(d)	PZRI314	31.1	7	0	24.5	13	0	28.6	10	0
8	HI1605 (C)	PZRI302	32.1	4	1	31.1	1	1	31.7	3	1
9	NIAW3170 (C)	PZRI305	31.6	6	0	29.2	6	1	30.7	6	0
10	UAS446(d) (C)	PZRI307	28.6	12	0	27.5	9	0	28.2	12	0
11	NIDW1149(d)(C)	PZRI312	29.1	11	0	28.5	7	0	28.8	8	0
12	UAS478(d)(I)(C)	PZRI308	29.8	9	0	27.7	8	0	29.0	7	0
13	HI1665(I)(C)	PZRI309	31.6	5	0	30.4	3	1	31.1	5	1
14	DBW359(I)(C)	PZRI313	32.5	3	1	30.3	4	1	31.6	4	1
G.M.			30.3			28.0			29.4		
S.E.(M)			0.540			1.035			0.514		
C.D. (10%)			1.3			2.4			1.2		

Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

Trial AVT-RI-TS-TAD, 2023-24

SN	Variety	Code	Disease reaction				Agronomic Characteristics							Grain Characteristics	
			Br	BI	ACI	LB	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.M	TGW.R	TGW.M
1	CG1047	PZRI301	0	30S	11.0	01	47-61	53	91-117	103	76-100	86	0	32-45	39
2	MACS4131(d)	PZRI303	0	10S	3.5	12	52-64	55	92-114	101	71-81	76	5	33-56	41
3	GW1368(d)	PZRI304	0	40S	22.3	24	50-65	55	93-116	102	55-67	62	0	31-48	38
4	HI8852(d)	PZRI306	0	10MS	4.0	12	52-66	57	95-116	104	67-77	73	15	36-77	45
5	UAS484(d)	PZRI310	0	5MS	2.5	24	54-68	58	97-120	106	81-97	88	0	36-58	44
6	NIAW4267	PZRI311	0	10MS	5.0	24	49-65	54	93-118	103	76-98	84	0	30-49	38
7	HI8851(d)	PZRI314	0	20S	6.0	24	55-67	58	99-115	104	71-88	81	5	41-58	45
8	HI1605 (C)	PZRI302	0	40S	20.0	12	52-64	56	96-117	105	76-99	86	0	31-48	36
9	NIAW3170 (C)	PZRI305	5MS	30S	12.5	12	50-61	54	91-116	103	80-96	86	0	35-49	39
10	UAS446(d) (C)	PZRI307	0	20MS	6.0	12	54-68	58	99-116	104	70-90	81	0	30-46	35
11	NIDW1149(d) (C)	PZRI312	0	5S	3.3	24	51-61	55	96-118	102	69-81	77	10	40-55	46
12	UAS478(d)(I) (C)	PZRI308	10S	40S	25.0	12	54-69	58	96-115	104	73-81	75	0	28-49	34
13	HI1665(I) (C)	PZRI309	0	5MS	1.5	12	51-62	55	98-121	105	76-94	83	0	31-74	39
14	DBW359(I) (C)	PZRI313	0	30S	15.0	12	51-63	55	94-122	102	65-98	83	0	31-49	40

1. Ancillary data from Kalloli, Nippani, Parbhani, Pune, Dharwad and Ugar centres.
2. Brown rust data reported from Kalloli and Ugar Khurd; Black rust data from Dharwad, Kalloli, Nippani and Ugar Khurd.
3. Leaf blight data from Kalloli

Trial : AVT-RI-TS-TAS, 2023-24

Individual Centre Rust Data

SN	Variety	Code	Br		BI			
			Kalloli	Ugar Khurd	Dharwad	Kalloli	Nippani	Ugar Khurd
1	CG1047	PZRI301	0	0	30S	10S	0	5MS
2	MACS4131(d)	PZRI303	0	0	10S	5MS	0	0
3	GW1368(d)	PZRI304	0	0	40S	40S	5S	5MS
4	HI8852(d)	PZRI306	0	0	10MS	5MS	0	5MS
5	UAS484(d)	PZRI310	0	0	5MR	5MS	0	5MS
6	NIAW4267	PZRI311	0	0	10MS	5MS	5MS	5MS
7	HI8851(d)	PZRI314	0	0	20S	5MS	0	0
8	HI1605 (C)	PZRI302	0	0	40S	30S	0	10S
9	NIAW3170 (C)	PZRI305	5MS	0	30S	10S	0	10S
10	UAS446(d) (C)	PZRI307	0	0	20MS	10MS	0	0
11	NIDW1149(d) (C)	PZRI312	0	0	5S	5MS	0	5MS
12	UAS478(d)(I) (C)	PZRI308	10S	10MS	40S	40S	10S	10S
13	HI1665(I) (C)	PZRI309	0	0	5MR	5MS	0	0
14	DBW359(I) (C)	PZRI313	0	0	30S	20S	10S	0