

**2153- AVT-RI-TS-TAD-PZ, 2021-22**  
**LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	Maharashtra														
			Pune			Niphad			Parbhani			Savalvahir			Karad		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	UAS478(d)	PZRI301	35.5	10	0	38.6	10	0	26.0	9	0	27.8	10	0	34.6	1	1
2	NIAW4028	PZRI302	41.6	7	0	46.8	3	1	34.4	4	1	35.3	4	0	31.6	9	1
3	HI8839(d)	PZRI303	30.5	13	0	34.1	12	0	23.0	12	0	24.8	12	0	28.3	13	0
4	HI8840(d)	PZRI304	36.1	9	0	39.9	7	0	25.0	10	0	30.1	9	0	33.2	4	1
5	NIAW3922	PZRI306	34.8	11	0	31.8	13	0	26.2	8	0	30.6	8	0	30.5	12	0
6	DBW358	PZRI307	47.4	2	1	47.8	1	1	36.1	2	1	40.5	1	1	33.1	6	1
7	DBW359	PZRI309	48.0	1	1	46.9	2	1	35.1	3	1	33.4	7	0	34.0	3	1
8	HI1665	PZRI312	43.5	6	0	39.8	8	0	32.2	6	1	36.7	3	1	33.1	5	1
9	HI1605(C)	PZRI308	44.0	4	0	43.1	5	0	37.6	1	1	35.0	5	0	31.5	10	1
10	NIAW3170(C)	PZRI311	43.5	5	0	45.2	4	1	31.9	7	1	33.7	6	0	33.0	7	1
11	MP1358(C)	PZRI313	44.6	3	0	43.1	6	0	33.7	5	1	38.4	2	1	34.4	2	1
12	UAS446(d)(C)	PZRI305	32.6	12	0	35.3	11	0	23.3	11	0	25.6	11	0	30.7	11	0
13	NIDW1149(d)(C)	PZRI310	37.5	8	0	38.9	9	0	22.4	13	0	24.0	13	0	32.0	8	1
G.M.			40.0			40.9			29.8			32.0			32.3		
S.E.(M)			1.003			1.844			2.660			2.127			1.557		
C.D. (10%)			2.4			4.4			6.4			5.1			3.7		
C.V.			5.0			9.0			17.9			13.3			9.6		
D.O.S.(dd.mm.yy)			27.10.21			27.10.21			04.11.21			01.11.21			08.11.21		

No. of Trials : Proposed = 13 Conducted = 13  
Trials not reported (03) = Dharwad (RMT), Akola (LSM), Nasik (LSM)

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**LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	Maharashtra			Karnataka											
			Dhule			Nippani		Bagalkot		Mudhol		Bailhongal					
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G			
1	UAS478(d)	PZRI301	26.5	13	0	29.2	2	1	26.9	6	1	29.1	8	1	30.1	4	1
2	NIAW4028	PZRI302	34.7	3	0	23.8	8	0	28.3	3	1	29.8	7	1	29.3	7	1
3	HI8839(d)	PZRI303	32.6	6	0	23.8	8	0	20.2	13	0	19.7	13	0	28.1	8	1
4	HI8840(d)	PZRI304	28.6	12	0	24.8	7	0	23.5	8	0	24.2	9	0	27.3	9	0
5	NIAW3922	PZRI306	28.7	11	0	27.8	3	1	21.2	11	0	23.6	10	0	26.2	10	0
6	DBW358	PZRI307	34.5	4	0	26.2	6	0	30.4	1	1	32.6	1	1	31.9	2	1
7	DBW359	PZRI309	34.0	5	0	31.4	1	1	28.5	2	1	30.1	5	1	31.9	1	1
8	HI1665	PZRI312	41.5	1	1	26.6	5	0	25.0	7	0	29.9	6	1	25.9	11	0
9	HI1605(C)	PZRI308	29.8	8	0	27.3	4	0	23.5	8	0	32.0	2	1	30.9	3	1
10	NIAW3170(C)	PZRI311	30.9	7	0	23.6	10	0	27.2	5	1	31.1	3	1	29.8	5	1
11	MP1358(C)	PZRI313	29.1	10	0	22.4	11	0	27.4	4	1	30.4	4	1	29.3	6	1
12	UAS446(d)(C)	PZRI305	29.7	9	0	21.5	12	0	22.1	10	0	22.2	11	0	21.9	12	0
13	NIDW1149(d)(C)	PZRI310	39.0	2	1	20.1	13	0	20.9	12	0	20.7	12	0	21.0	13	0
G.M.			32.3			25.3			25.0			27.3			28.0		
S.E.(M)			2.173			1.623			1.515			1.453			1.682		
C.D. (10%)			5.2			3.9			3.6			3.5			4.0		
C.V.			13.5			12.8			12.1			10.6			12.0		
D.O.S.(dd.mm.yy)			01.11.21			05.11.21			30.10.21			28.10.21			26.10.21		

**2153- AVT-RI-TS-TAD-PZ, 2021-22**  
**STATE AND ZONAL MEANS (q/ha)**

SN	Variety	Code	Maharashtra			Karnataka			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	UAS478(d)	PZRI301	31.5	10	0	28.8	3	1	30.4	8	0
2	NIAW4028	PZRI302	37.4	4	0	27.8	6	0	33.6	3	0
3	HI8839(d)	PZRI303	28.9	13	0	22.9	11	0	26.5	12	0
4	HI8840(d)	PZRI304	32.1	9	0	24.9	9	0	29.3	9	0
5	NIAW3922	PZRI306	30.4	11	0	24.7	10	0	28.1	10	0
6	DBW358	PZRI307	39.9	1	1	30.3	2	1	36.0	1	1
7	DBW359	PZRI309	38.6	2	1	30.5	1	1	35.3	2	1
8	HI1665	PZRI312	37.8	3	0	26.8	8	0	33.4	5	0
9	HI1605(C)	PZRI308	36.8	6	0	28.4	4	0	33.5	4	0
10	NIAW3170(C)	PZRI311	36.4	7	0	27.9	5	0	33.0	7	0
11	MP1358(C)	PZRI313	37.2	5	0	27.4	7	0	33.3	6	0
12	UAS446(d)(C)	PZRI305	29.5	12	0	21.9	12	0	26.5	13	0
13	NIDW1149(d)(C)	PZRI310	32.3	8	0	20.7	13	0	27.6	11	0
G.M.			34.5			26.4			31.3		
S.E.(M)			0.802			0.785			0.575		
C.D. (10%)			1.9			1.8			1.3		

## Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

Trial: AVT-RI-TS-TAD-PZ, 2021-22

	Variety	Code	Disease reaction			Agronomic Characteristics							
			Br	ACI	LB	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	TGW.R	TGW.M
1	UAS478(d)	PZ-RI-301	0	0	12	59-69	61	96-118	108	70-84	80	34-45	40
2	NIAW4028	PZ-RI-302	0	0	12	54-64	58	99-118	109	80-95	89	39-52	44
3	HI8839(d)	PZ-RI-303	0	0	12	55-75	61	96-116	108	66-83	78	36-49	42
4	HI8840(d)	PZ-RI-304	0	0	01	52-76	58	96-117	107	64-89	78	39-49	44
5	NIAW3922	PZ-RI-306	0	0	00	48-61	53	90-110	102	73-89	80	36-46	41
6	DBW358	PZ-RI-307	20S	16.7	00	55-65	60	94-120	108	54-85	79	39-53	43
7	DBW359	PZ-RI-309	10MS	4.3	12	52-62	57	98-121	107	77-98	88	37-46	41
8	HI1665	PZ-RI-312	0	0	24	51-65	57	100-120	109	79-96	88	35-47	40
9	HI1605(C)	PZ-RI-308	10S	4.7	12	51-64	56	99-117	107	79-100	92	37-47	40
10	NIAW3170(C)	PZ-RI-311	0	0	12	53-60	56	95-112	104	77-99	91	37-48	42
11	MP1358(C)	PZ-RI-313	10MS	4.0	12	55-66	59	98-120	110	79-96	90	36-51	42
12	UAS446(d)(C)	PZ-RI-305	0	0	12	51-76	62	99-118	110	72-87	83	34-44	38
13	NIDW1149(d)(C)	PZ-RI-310	10MS	2.7	00	54-68	60	99-118	109	69-88	80	41-49	45

1. Ancillary data from Bagalkot, Bailhongal, Dhule, Karad, Mudhol, Niphad, Nippani, Parbhani, Pune and Savilivihir centres; Highest lodging data from Pune and Savilivihir centres; Brown rust data from Bagalkot, Bailhongal and Nippani; Leaf blight data from Bagalkot centre

### Individual Centre Brown Rust Data

SN	Variety	Code	Brown rust		
			Bagalkot	Bailhongal	Nippani
1	UAS478(d)	PZ-RI-301	0	0	0
2	NIAW4028	PZ-RI-302	0	0	0
3	HI8839(d)	PZ-RI-303	0	0	0
4	HI8840(d)	PZ-RI-304	0	0	0
5	NIAW3922	PZ-RI-306	0	0	0
6	DBW358	PZ-RI-307	20S	20S	10S
7	DBW359	PZ-RI-309	10MS	10MS	5MS
8	HI1665	PZ-RI-312	0	0	0
9	HI1605(C)	PZ-RI-308	5MS	10S	0
10	NIAW3170(C)	PZ-RI-311	0	0	0
11	MP1358(C)	PZ-RI-313	5MS	10MS	0
12	UAS446(d)(C)	PZ-RI-305	0	0	0