

2152 - AVT-IR-LS-TAS-PZ, 2021-22  
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Maharashtra																				
			Niphad			Pune			Akola		Parbhani		Nashik		Dhule		Karad						
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G			
1	DBW320 <sup>#</sup> *	PZLS206	65.5	3	1	45.0	2	1	36.1	3	1	57.8	2	0	45.7	3	1	57.1	2	1	50.7	4	1
2	MP1380	PZLS201	64.4	4	1	43.4	4	1	37.1	2	1	56.4	3	0	44.6	4	1	53.4	4	1	50.6	5	0
3	HD2932(C)	PZLS202	57.2	6	0	43.1	5	1	35.8	4	1	65.6	1	1	46.5	1	1	53.6	3	1	50.8	3	1
4	RAJ4083(C)	PZLS203	57.5	5	0	41.6	6	0	35.5	5	0	52.7	5	0	45.7	2	1	46.4	6	0	46.6	6	0
5	HD3090(C)	PZLS204	67.0	2	1	45.4	1	1	37.4	1	1	55.8	4	0	37.8	6	0	50.6	5	1	54.4	2	1
6	HI1633(C)	PZLS205	70.1	1	1	44.8	3	1	34.7	6	0	50.6	6	0	42.6	5	1	57.9	1	1	58.1	1	1
G.M.			63.6			43.9			36.1			56.5			43.8			53.2			51.9		
S.E.(M)			2.965			1.048			0.700			2.024			2.043			3.437			2.976		
C.D. (10%)			7.4			2.6			1.7			5.0			5.1			8.5			7.4		
C.V.			9.3			4.8			3.9			7.2			9.3			12.9			11.5		
D.O.S.(dd.mm.yy)			14.12.21			15.12.21			06.12.21			07.12.21			10.12.21			05.12.21			06.12.21		

No. of Trials : Proposed = 15 Conducted = 15  
Trials not reported (02) = Parvarnagar (DNR), Mandya (LSM)

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LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Karnataka																	
			Dharwad		Ugar Khurd		Arabhavi		Kalloli		Mudhol		Nippani							
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G			
1	DBW320 <sup>#</sup> *	PZLS206	36.6	4	0	40.1	3	1	36.6	4	0	36.1	4	0	35.6	5	1	46.3	6	0
2	MP1380	PZLS201	42.8	2	1	41.1	2	1	46.4	1	1	41.1	2	1	34.4	6	0	51.3	4	1
3	HD2932(C)	PZLS202	22.4	6	0	30.8	6	0	22.7	6	0	27.4	6	0	36.0	3	1	54.3	2	1
4	RAJ4083(C)	PZLS203	34.7	5	0	32.7	5	0	30.5	5	0	32.8	5	0	35.8	4	1	60.6	1	1
5	HD3090(C)	PZLS204	44.8	1	1	43.1	1	1	43.5	3	1	44.5	1	1	39.4	1	1	51.8	3	1
6	HI1633(C)	PZLS205	42.4	3	1	37.3	4	0	43.5	2	1	36.6	3	0	36.6	2	1	48.6	5	1
G.M.			37.3			37.5			37.2			36.4			36.3			52.1		
S.E.(M)			2.396			1.710			2.076			1.956			1.793			4.870		
C.D. (10%)			5.9			4.2			5.1			4.8			4.4			12.1		
C.V.			12.9			9.1			11.2			10.7			9.9			18.7		
D.O.S.(dd.mm.yy)			15.12.21			11.12.21			08.12.21			06.12.21			10.12.21			10.12.21		

2152 - AVT-IR-LS-TAS-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	DBW320 <sup>#</sup> *	PZLS206	51.1	2	1	38.6	4	0	45.3	4	0
2	MP1380	PZLS201	50.0	4	1	42.8	2	1	46.7	2	1
3	HD2932(C)	PZLS202	50.4	3	1	32.3	6	0	42.0	6	0
4	RAJ4083(C)	PZLS203	46.6	6	0	37.8	5	0	42.6	5	0
5	HD3090(C)	PZLS204	49.8	5	1	44.5	1	1	47.3	1	1
6	HI1633(C)	PZLS205	51.3	1	1	40.8	3	0	46.5	3	1
G.M.			49.8			39.5			45.1		
S.E.(M)			0.896			1.102			0.701		
C.D. (10%)			2.1			2.6			1.6		

## Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

Trial: AVT-IR-LS-TAD-PZ, 2021-22

SN	Variety	Code	Disease reaction				Agronomic Characteristics							
			Br	ACI	BI	LB (HS,Av)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	TGW.R	TGW.M
1	DBW320 <sup>#*</sup>	PZLS 206	40S	20.3	0	01(01)	48-67	56	90-113	99	78-99	88	37-40	39
2	MP1380	PZLS 201	10MS	2.7	0	12(12)	50-67	56	90-113	98	74-94	84	35-40	38
3	HD2932(C)	PZLS 202	60S	38.3	10MS	12(12)	48-68	55	89-111	97	65-98	84	29-40	37
4	RAJ4083(C)	PZLS 203	30S	14.7	10MS	12(12)	45-62	51	86-109	93	66-87	77	37-40	38
5	HD3090(C)	PZLS 204	10MS	1.3	0	12(01)	54-68	60	94-113	101	74-105	89	36-40	38
6	HI1633(C)	PZLS 205	5MS	1.7	0	24(13)	46-64	53	88-110	96	72-91	82	27-40	35

1. Ancillary data from Akola, Arabhavi, Dharwad, Dhule, Kalloli, Karad, Mudhol, Niphad, Nippani, Parbhani, Pune and Ugar Khurd
2. Brown rust data from Arabhavi, Dharwad, Kalloli, Mudhol, Nippani, Ugar Khurd; Black rust data from Dharwad
3. Leaf blight data from Arabhavi, Kalloli, Nippani.

**AVT-IR-LS-TAD-PZ, 2021-22**  
**Peninsular Zone**

**Individual Centre Brown Rust Data**

SN	Variety	Code	Brown rust					
			Arabhavi	Dharwad	Kalloli	Mudhol	Nippani	Ugar khurd
1	DBW320 <sup>#*</sup>	PZLS 206	40S	20S	40S	5MS	10MS	10S
2	MP1380	PZLS 201	5MS	10MS	5MS	0	tMR	0
3	HD2932(C)	PZLS 202	60S	40S	40S	20S	10S	60S
4	RAJ4083(C)	PZLS 203	10S	30S	30S	0	10MS	10S
5	HD3090(C)	PZLS 204	0	10MS	0	0	0	0
6	HI1633(C)	PZLS 205	5MR	0	0	0	5MS	5MS

**Individual Centre Leaf Blight Data**

SN	Variety	Code	Leaf blight		
			Arabhavi	Kalloli	Nippani
1	DBW320 <sup>#*</sup>	PZLS 206	01	01	01
2	MP1380	PZLS 201	01	12	12
3	HD2932(C)	PZLS 202	12	12	12
4	RAJ4083(C)	PZLS 203	12	12	01
5	HD3090(C)	PZLS 204	01	01	12
6	HI1633(C)	PZLS 205	12	24	12