

2352 - AVT-IR-LS-TAS-PZ, 2023-24
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Maharashtra															Karnataka																				
			Niphad			Pune			Nashik			Akola			Dhule			Karad			Parbhani			Dharwad			Ugar-Khurd			Bagalkot			Kalloli			Nippani		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	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	LOK79*	PZLS202	43.2	5	1	43.0	7	0	43.1	11	0	41.6	15	0	56.3	3	1	52.2	1	1	51.7	7	0	34.5	3	1	35.3	5	1	37.1	14	0	42.5	1	1	36.7	9	0
2	NIAW4114*	PZLS206	43.4	3	1	39.6	13	0	43.5	10	0	46.5	11	0	52.9	7	1	40.9	10	0	58.7	1	1	27.4	12	0	31.2	12	0	41.9	7	0	41.2	3	1	45.2	2	1
3	HI1674*	PZLS213	38.5	11	0	41.9	9	0	45.0	7	0	46.8	10	0	50.2	12	1	35.5	13	0	40.0	15	0	34.2	5	1	34.5	7	1	44.7	3	0	32.9	8	0	40.1	6	0
4	NIAW4120*	PZLS215	43.3	4	1	44.6	4	0	45.1	6	0	43.3	14	0	56.7	1	1	43.3	7	0	58.2	2	1	34.5	3	1	34.8	6	1	43.5	4	0	30.1	12	0	31.0	14	0
5	UAS3027	PZLS201	38.6	10	0	44.2	6	0	47.5	3	1	47.8	7	0	53.4	5	1	35.6	12	0	51.3	8	0	23.5	14	0	34.0	8	1	42.3	6	0	30.6	11	0	28.4	15	0
6	DBW425	PZLS204	32.1	13	0	42.8	8	0	49.7	1	1	48.9	4	0	49.2	13	0	44.0	6	0	50.4	10	0	17.9	15	0	34.0	9	1	38.5	11	0	24.8	15	0	44.8	3	1
7	NIAW4432	PZLS205	42.1	6	0	38.2	14	0	42.6	12	0	47.6	9	0	50.7	9	1	33.6	14	0	55.9	4	1	31.1	8	0	31.1	13	0	41.2	8	0	39.1	5	1	32.7	13	0
8	MACS6830	PZLS207	43.7	2	1	47.7	1	1	45.8	5	0	46.0	12	0	55.8	4	1	50.9	3	1	50.1	11	0	30.6	10	0	35.6	4	1	39.9	10	0	35.8	7	0	44.6	4	1
9	HI1687	PZLS210	41.6	7	0	44.9	3	1	48.7	2	1	52.1	2	1	52.6	8	1	40.4	11	0	49.1	12	0	30.8	9	0	38.6	1	1	34.9	15	0	41.8	2	1	43.1	5	1
10	DBW426	PZLS211	39.1	9	0	40.0	11	0	44.0	8	0	53.7	1	1	50.7	9	1	41.3	9	0	48.8	13	0	31.8	7	0	32.7	11	0	47.1	2	1	31.9	9	0	37.2	8	0
11	MACS6829	PZLS212	45.6	1	1	46.1	2	1	39.1	15	0	45.2	13	0	43.2	15	0	51.1	2	1	56.7	3	1	28.8	11	0	36.1	3	1	43.4	5	0	40.6	4	1	46.1	1	1
12	HD3090 (C)	PZLS203	40.8	8	0	44.2	5	0	39.4	14	0	50.0	3	1	53.2	6	1	48.8	4	1	42.2	14	0	35.6	1	1	33.9	10	1	51.4	1	1	37.4	6	1	38.2	7	0
13	HD2932 (C)	PZLS208	31.8	14	0	40.3	10	0	41.4	13	0	47.8	8	0	56.3	2	1	41.7	8	0	50.6	9	0	26.5	13	0	31.0	14	0	41.0	9	0	29.7	14	0	35.7	12	0
14	RAJ4083(C)	PZLS209	28.6	15	0	32.9	15	0	46.8	4	1	48.5	5	0	44.8	14	0	31.2	15	0	52.6	6	1	34.7	2	1	29.9	15	0	38.3	12	0	29.9	13	0	35.8	11	0
15	HI1633 (C)	PZLS214	36.1	12	0	39.8	12	0	43.9	9	0	47.8	6	0	50.5	11	1	44.7	5	0	53.2	5	1	32.0	6	0	36.7	2	1	38.1	13	0	31.4	10	0	36.1	10	0
G.M.			39.2			42.0			44.4			47.6			51.8			42.3			51.3			30.3			34.0			41.6			34.6			38.4		
S.E.(M)			1.299			1.270			1.498			1.824			3.044			2.280			2.769			1.488			2.361			2.054			2.139			2.333		
C.D. (10%)			3.1			3.0			3.6			4.3			7.2			5.4			6.6			3.5			5.6			4.9			5.1			5.6		
C.V.			6.6			6.0			6.8			7.7			11.8			10.8			10.8			9.8			13.9			9.9			12.3			12.2		
D.O.S.(dd.mm.yy)			13.12.23			15.12.23			11.12.23			10.12.23			13.12.23			14.12.23			08.12.23			05.12.23			12.12.23			05.12.23			13.12.23			15.12.23		

No. of Trials : Proposed = 12

Conducted = 12

Trial not Conducted (00) : Nil

Trials not reported (00) = Nil

**2352 - AVT-IR-LS-TAS-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	LOK79*	PZLS202	47.3	3	1	37.2	7	1	43.1	4	1
2	NIAW4114*	PZLS206	46.5	6	0	37.4	4	1	42.7	6	1
3	HI1674*	PZLS213	42.6	14	0	37.3	6	1	40.4	11	0
4	NIAW4120*	PZLS215	47.8	2	1	34.8	11	0	42.4	7	0
5	UAS3027	PZLS201	45.5	8	0	31.8	15	0	39.8	12	0
6	DBW425	PZLS204	45.3	10	0	32.0	14	0	39.8	13	0
7	NIAW4432	PZLS205	44.4	12	0	35.0	9	0	40.5	10	0
8	MACS6830	PZLS207	48.6	1	1	37.3	5	1	43.9	1	1
9	HI1687	PZLS210	47.1	4	1	37.8	3	1	43.2	3	1
10	DBW426	PZLS211	45.4	9	0	36.1	8	0	41.5	8	0
11	MACS6829	PZLS212	46.7	5	0	39.0	2	1	43.5	2	1
12	HD3090 (C)	PZLS203	45.5	7	0	39.3	1	1	42.9	5	1
13	HD2932 (C)	PZLS208	44.3	13	0	32.8	13	0	39.5	14	0
14	RAJ4083(C)	PZLS209	40.8	15	0	33.7	12	0	37.8	15	0
15	HI1633 (C)	PZLS214	45.1	11	0	34.9	10	0	40.9	9	0
G.M.			45.5			35.8			41.5		
S.E.(M)			0.795			0.939			0.607		
C.D. (10%)			1.9			2.2			1.4		

Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

Trial : AVT-IR-LS-TAS, 2023-24

SN	Variety	Code	Disease reaction			Agronomic Characteristics						Grain Characteristics	
			BI	ACI	LB	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	TGW.R	TGW.M
1	LOK79*	PZLS202	10S	3.5	34	45-58	51	83-104	93	75-90	83	32-45	39
2	NIAW4114*	PZLS206	20S	6.3	12	48-55	51	87-105	96	68-96	82	30-44	35
3	HI1674*	PZLS213	10S	3.5	24	45-56	51	86-106	95	64-79	72	39-46	42
4	NIAW4120*	PZLS215	5S	2.3	24	45-57	51	84-108	95	76-88	81	40-49	43
5	UAS3027	PZLS201	40S	18.5	12	50-58	54	91-108	99	81-93	85	37-46	41
6	DBW425	PZLS204	30S	18.5	12	51-59	55	89-105	99	80-94	87	22-45	34
7	NIAW4432	PZLS205	10S	5.5	12	48-59	54	88-108	97	70-98	82	31-39	35
8	MACS6830	PZLS207	5S	2.3	12	49-57	53	86-107	98	71-107	88	38-50	45
9	HI1687	PZLS210	10MS	3.0	12	48-57	52	88-108	97	76-91	84	27-49	39
10	DBW426	PZLS211	20S	9.3	12	52-60	56	91-107	100	76-93	85	39-51	43
11	MACS6829	PZLS212	10S	6.0	12	41-58	49	81-108	93	66-107	85	33-43	39
12	HD3090 (C)	PZLS203	10S	3.5	12	52-59	56	94-107	100	76-98	84	30-42	35
13	HD2932 (C)	PZLS208	60S	20.3	12	50-57	53	86-104	96	76-101	77	28-50	36
14	RAJ4083 (C)	PZLS209	20S	10.3	24	47-56	51	84-105	95	73-88	82	31-44	37
15	HI1633 (C)	PZLS214	40S	13.0	12	45-59	51	85-107	95	72-90	78	34-43	38

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

Trial : AVT-IR-LS-TAS, 2023-24

Individual Centre Rust Data

SN	Variety	Code	BI				LB				
			Kalloli	Nippani	Dharwad	Ugar Khurd	Bagalkot	Kalloli	Nippani	Dharwad	Ugar Khurd
1	LOK79*	PZLS202	0	0	10S	5MS	1	34	12	12	12
2	NIAW4114*	PZLS206	0	5MR	20S	5MS	1	12	12	12	12
3	HI1674*	PZLS213	0	0	10S	5MS	0	12	12	12	24
4	NIAW4120*	PZLS215	0	0	5S	5MS	0	12	12	12	24
5	UAS3027	PZLS201	20S	5MS	40S	10S	1	12	12	12	01
6	DBW425	PZLS204	30S	5MS	20S	20S	1	12	01	12	12
7	NIAW4432	PZLS205	5MS	0	10S	10MS	0	12	01	12	12
8	MACS6830	PZLS207	0	0	5S	5MS	12	12	12	12	12
9	HI1687	PZLS210	0	0	10MS	5MS	0	12	01	12	12
10	DBW426	PZLS211	10MS	5MR	20S	10MS	0	12	01	12	01
11	MACS6829	PZLS212	5MS	0	10S	10S	0	01	12	12	01
12	HD3090 (C)	PZLS203	0	0	10S	5MS	0	12	01	12	01
13	HD2932 (C)	PZLS208	10S	5MR	60S	10S	1	01	01	12	12
14	RAJ4083 (C)	PZLS209	10S	5MR	20S	10S	0	24	12	12	12
15	HI1633 (C)	PZLS214	5MS	5MS	40S	5MS	12	12	24	12	12