

2342 - AVT-IR-LS-TAS-CZ , 2023-24
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Gujarat				U.P.		M.P.				Chhattisgarh																						
			Vijapur		Junagadh		Anand		Lok-Bharti		Banda		Jabalpur (JNKVV)		Gwalior		Powarkheda		Indore		Bilaspur		Raipur												
			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	HI1674*	CZLS206	42.1	2	1	40.8	6	0	59.0	1	1	50.7	5	0	50.2	7	1	42.9	10	0	33.5	10	0	48.6	2	1	62.9	1	1	36.5	10	0	33.8	8	0
2	WSM138	CZLS201	35.9	7	0	42.9	2	0	48.1	10	0	56.0	1	1	53.7	2	1	47.3	4	0	50.7	2	0	42.8	4	0	59.5	5	1	46.3	3	1	42.4	4	1
3	HI1687	CZLS202	41.0	3	0	42.1	3	0	56.1	5	1	51.7	4	0	49.7	8	1	48.9	3	0	34.5	8	0	40.3	5	0	60.1	4	1	42.9	5	0	36.4	7	0
4	MACS6830	CZLS205	33.3	8	0	41.2	5	0	56.2	4	1	49.0	7	0	48.7	9	0	44.2	7	0	41.0	6	0	46.5	3	1	50.4	10	0	42.2	6	0	33.3	9	0
5	DBW425	CZLS209	44.6	1	1	40.4	7	0	57.8	3	1	49.9	6	0	57.3	1	1	45.4	5	0	42.3	4	0	50.0	1	1	59.0	6	1	40.2	8	0	42.7	2	1
6	GW556	CZLS210	36.8	5	0	46.7	1	1	54.8	9	1	54.7	3	1	53.6	3	1	51.0	2	0	57.8	1	1	34.0	9	0	58.7	7	1	47.0	2	1	42.5	3	1
7	HI1634 (C)	CZLS203	28.3	9	0	34.8	9	0	55.0	7	1	49.0	8	0	51.2	5	1	45.2	6	0	34.5	9	0	34.7	7	0	58.0	8	0	41.4	7	0	32.8	10	0
8	MP4010 (C)	CZLS204	28.2	10	0	34.3	10	0	55.9	6	1	46.1	10	0	50.5	6	1	43.8	8	0	40.4	7	0	37.2	6	0	61.4	2	1	36.5	9	0	37.9	6	0
9	HD2932 (C)	CZLS207	37.7	4	0	41.5	4	0	57.8	2	1	54.9	2	1	52.9	4	1	43.5	9	0	41.5	5	0	34.7	8	0	60.3	3	1	43.5	4	0	44.6	1	1
10	CG1029 (C)	CZLS208	36.5	6	0	36.8	8	0	54.9	8	1	47.3	9	0	43.1	10	0	59.6	1	1	47.1	3	0	33.8	10	0	53.2	9	0	47.0	1	1	41.8	5	1
G.M.			36.4			40.2			55.6			50.9			51.1			47.2			42.3			40.3			58.3			42.4			38.8		
S.E.(M)			1.489			1.541			1.942			1.408			3.149			1.756			1.009			1.782			2.031			1.391			1.304		
C.D. (10%)			3.6			3.7			4.7			3.4			7.6			4.2			2.4			4.3			4.9			3.4			3.1		
C.V.			8.2			7.7			7.0			5.5			12.3			7.4			4.8			8.9			7.0			6.6			6.7		
D.O.S.(dd.mm.yy)			06.12.23			12.12.23			07.12.23			09.12.23			08.12.23			10.12.23			15.12.23			14.12.23			10.12.23			14.12.23			10.12.23		

No. of Trials : Proposed =12 Conducted = 12
 Trial not Conducted (00) : Nil
 Trials not reported (01) = S.K.Nagar (LSM)

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STATE AND ZONAL MEANS (q/ha)

SN	Variety	Code	Gujarat			U.P.			M.P.			Chhattisgarh			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	HI1674*	CZLS206	48.2	3	1	50.2	7	1	47.0	5	0	35.1	10	0	45.6	7	0
2	WSM138	CZLS201	45.7	6	0	53.7	2	1	50.1	2	1	44.4	3	1	47.8	3	1
3	HI1687	CZLS202	47.7	5	1	49.7	8	1	46.0	6	0	39.6	6	0	45.8	5	0
4	MACS6830	CZLS205	44.9	7	0	48.7	9	0	45.5	8	0	37.7	7	0	44.2	8	0
5	DBW425	CZLS209	48.2	2	1	57.3	1	1	49.2	3	1	41.5	5	0	48.1	2	1
6	GW556	CZLS210	48.3	1	1	53.6	3	1	50.4	1	1	44.7	1	1	48.9	1	1
7	HI1634 (C)	CZLS203	41.8	9	0	51.2	5	1	43.1	10	0	37.1	9	0	42.3	10	0
8	MP4010 (C)	CZLS204	41.1	10	0	50.5	6	1	45.7	7	0	37.2	8	0	42.9	9	0
9	HD2932 (C)	CZLS207	48.0	4	1	52.9	4	1	45.0	9	0	44.0	4	1	46.6	4	0
10	CG1029 (C)	CZLS208	43.9	8	0	43.1	10	0	48.4	4	1	44.4	2	1	45.6	6	0
G.M.			45.8			51.1			47.0			40.6			45.8		
S.E.(M)			0.804			3.149			0.844			0.954			0.540		
C.D. (10%)			1.9			7.6			2.0			2.2			1.3		

Summary of Disease Data and Agronomic Characteristics

Central Zone

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

SN	Variety	Code	Disease reaction		Agronomic Characteristics							Grain Characteristics	
			Br	BI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	TGW.R	TGW.M
1	HI1674*	CZLS206	0	tR	51-77	62	97-116	108	78-101	88	0	36-46	40
2	WSM138	CZLS201	tR	5MR	53-76	61	95-116	107	73-98	83	0	38-50	45
3	HI1687	CZLS202	0	tMR	54-72	59	93-115	106	70-95	81	0	34-49	40
4	MACS6830	CZLS205	tR	20MS	51-75	59	93-116	106	64-93	77	0	36-46	41
5	DBW425	CZLS209	0	tMR	56-77	64	98-116	109	77-115	97	10	36-51	43
6	GW556	CZLS210	0	tMR	52-72	59	95-116	108	58-85	73	0	36-51	43
7	HI1634(C)	CZLS203	tR	40S	51-75	61	94-116	108	70-95	84	0	36-46	40
8	MP4010(C)	CZLS204	0	5MR	54-76	61	95-116	107	69-96	84	0	37-56	48
9	HD2932(C)	CZLS207	tMR	40S	55-76	63	99-114	109	79-104	88	0	36-46	41
10	CG1029(C)	CZLS208	tR	10MR	53-73	60	94-115	107	62-86	75	0	37-50	43

1. Ancillary data from Anand, Lokharti, Banda, Bilaspur, Gwalior, Indore, Jabalpur, Junagadh, Powarkheda, Raipur, SK Nagar and Vijapur
2. Black rust data reported from Junagadh and Vijapur centres and brown rust data reported from Vijapur centre.
3. Lodging data reported from Raipur centres

Individual Centre Rust Data

SN	Variety	Code	BI	
			Junagadh	Vijapur
1	HI1674*	CZLS206	0	tMR
2	WSM138	CZLS201	0	tR
3	HI1687	CZLS202	0	5MR
4	MACS6830	CZLS205	0	tMR
5	DBW425	CZLS209	40S	20S
6	GW556	CZLS210	0	10MR
7	HI1634 (C)	CZLS203	0	tMR
8	MP4010 (C)	CZLS204	5S	20MS
9	HD2932 (C)	CZLS207	40S	20MS
10	CG1029 (C)	CZLS208	0	5MR