

2541-AVT-IR-TS-TAD-CZ, 2025-26

LOCATIONWISE MEAN YIELD (q/ha)

Rejected (Not Reported)

SN	Code	Gujarat Vijapur			Gujarat SK Nagar			Gujarat Junagadh			Gujarat			M.P. Jabalpur			M.P. Sagar			M.P. Powarkheda			M.P. Indore			M.P.			Rajasthan Udaipur			Rajasthan Kota			Rajasthan			Chhattisgarh Bilaspur			Chhattisgarh Raipur			Chhattisgarh			M.P. Gwalior					
		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	Yield	Rk	G	Yield	Rk	G							
											Yield	Rk	G																																	Yield	Rk	G	Yield	Rk	G	Yield
1	CZTS101	41.4	12	0	59.8	1	1	53.2	3	1	51.5	5	0	61.7	8	0	55.4	7	0	63.8	4	1	50.3	10	0	57.8	8	0	64.1	12	0	59.2	4	0	61.7	9	0	52.4	4	1	45.4	6	0	48.9	6	0	55.2	7	0	45.6	3	0
2	CZTS102	53.2	4	0	54.4	3	1	48.5	10	0	52.0	4	0	70.9	3	1	65.8	1	1	67.1	2	1	49.6	12	0	63.3	1	1	66.8	10	0	55.4	11	0	61.1	10	0	58.0	2	1	47.9	4	0	52.9	4	1	58.0	2	1	42.5	9	0
3	CZTS103	39.4	14	0	33.6	12	0	49.1	6	0	40.7	13	0	50.6	13	0	53.6	9	0	52.4	13	0	50.3	9	0	51.7	12	0	60.8	14	0	39.4	14	0	50.1	14	0	47.4	11	0	36.5	13	0	41.9	13	0	46.6	14	0	43.5	8	0
4	CZTS104	52.7	5	0	52.0	4	0	54.1	2	1	52.9	2	0	73.7	1	1	57.8	6	0	57.4	8	0	49.9	11	0	59.7	5	0	69.3	6	1	63.2	2	1	66.3	2	1	50.2	9	0	35.4	14	0	42.8	11	0	56.0	5	0	44.7	5	0
5	CZTS105	43.4	11	0	50.5	5	0	49.6	5	0	47.8	7	0	63.8	7	0	53.5	10	0	63.0	5	0	56.3	5	1	59.1	7	0	71.2	5	1	67.9	1	1	69.6	1	1	49.4	10	0	46.7	5	0	48.1	7	0	55.9	6	0	38.0	13	0
6	CZTS106	44.0	10	0	33.2	14	0	37.7	14	0	38.3	14	0	56.0	12	0	48.6	13	0	55.9	9	0	47.6	13	0	52.0	11	0	69.1	7	1	44.1	13	0	56.6	13	0	43.2	13	0	37.5	12	0	40.3	14	0	47.0	13	0	29.0	14	0
7	CZTS107	44.6	9	0	40.8	9	0	48.8	7	0	44.7	10	0	57.1	11	0	38.5	14	0	53.2	12	0	57.7	3	1	51.7	13	0	65.8	11	0	56.3	10	0	61.1	11	0	50.7	8	0	43.8	7	0	47.2	8	0	50.7	11	0	41.6	10	0
8	CZTS108	46.7	7	0	33.3	13	0	45.6	12	0	41.9	12	0	58.0	10	0	52.8	11	0	57.4	7	0	58.2	2	1	56.6	10	0	74.0	1	1	57.8	6	0	65.9	3	1	42.5	14	0	42.7	8	0	42.6	12	0	51.7	10	0	38.4	12	0
9	CZTS109	50.2	6	0	39.8	10	0	50.3	4	0	46.8	8	0	65.4	6	0	60.8	4	1	53.5	11	0	58.5	1	1	59.5	6	0	72.4	3	1	57.1	7	0	64.8	4	0	51.3	7	0	38.9	11	0	45.1	9	0	54.4	8	0	44.5	6	0
10	CZTS110	40.7	13	0	39.8	11	0	45.6	12	0	42.0	11	0	41.3	14	0	52.8	11	0	50.8	14	0	52.2	7	1	49.3	14	0	71.3	4	1	56.9	8	0	64.1	5	0	47.2	12	0	40.1	10	0	43.7	10	0	49.0	12	0	39.8	11	0
11	CZTS111	53.9	3	1	46.9	7	0	48.5	9	0	49.8	6	0	73.3	2	1	62.3	3	1	61.0	6	0	56.3	4	1	63.2	2	1	74.0	2	1	54.2	12	0	64.1	6	0	58.5	1	1	42.0	9	0	50.3	5	0	57.4	4	1	44.3	7	0
12	CZTS112	46.3	8	0	45.8	8	0	45.8	11	0	46.0	9	0	69.0	4	1	59.7	5	1	55.6	10	0	44.4	14	0	57.2	9	0	63.5	13	0	58.6	5	0	61.1	12	0	55.4	3	1	51.8	3	1	53.6	2	1	54.2	9	0	51.4	1	1
13	CZTS113	57.7	1	1	50.0	6	0	48.7	8	0	52.1	3	0	67.4	5	1	55.0	8	0	69.4	1	1	51.8	8	0	60.9	3	1	68.2	8	0	59.4	3	0	63.8	7	0	52.2	5	0	54.9	2	1	53.5	3	1	57.7	3	1	45.4	4	0
14	CZTS114	56.5	2	1	54.5	2	1	56.5	1	1	55.8	1	1	59.4	9	0	64.1	2	1	65.8	3	1	53.3	6	1	60.6	4	0	67.7	9	0	56.7	9	0	62.2	8	0	51.9	6	0	55.6	1	1	53.7	1	1	58.4	1	1	46.2	2	0
G.M.		47.9			45.3			48.7			47.3			62.0			55.8			59.0			52.6			57.3			68.4			56.2			62.3			50.7			44.2			47.5			53.7			42.5		
S.E.(M)		1.372			2.162			2.140			1.112			2.666			2.130			2.118			2.277			1.154			1.925			2.652			1.639			2.200			1.770			1.412			0.650			1.204		
C.D. (10%)		3.9			6.2			6.1			2.6			7.6			6.1			6.1			6.5			2.7			5.5			7.6			3.9			6.3			5.1			3.3			1.5			3.4		
C.V.		5.7			9.5			8.8						8.6			7.6			7.2			8.7						5.6			9.4			8.7			8.0						5.7								
D.O.S.(dd.mm.yy)		18.11.25			10.11.25			13.11.25						15.11.25			14.11.25			11.11.25			05.11.25						15.11.25			10.11.25						14.11.25			12.11.25						12.11.25					

No. of Trials : Proposed = 13

Conducted = 12

Trial not conducted (01) = Anand

Trials not reported (01) = Gwalior (LSM)

Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial: AVT-IR-TS-TAD-CZ, 2025-26

SN	Code	Disease Reactions		Agronomic Characteristics							Grain Characteristics	
		Br	Bl	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	TGW.R	TGW.M
1	CZTS101	10MR	40S	54-83	73	101-131	117	78-101	92	0	35-64	42
2	CZTS102	5MR	20MS	59-91	78	106-137	122	86-107	96	0	38-62	45
3	CZTS103	tMR	5MS	50-81	70	100-131	118	76-95	88	20	43-67	50
4	CZTS104	0	10MS	51-79	68	99-131	117	78-99	89	0	34-58	44
5	CZTS105	0	10R	56-83	71	99-131	118	76-103	88	15	35-63	48
6	CZTS106	0	5S	57-82	72	101-132	119	71-106	87	5	44-67	51
7	CZTS107	10MR	20MR	57-82	73	100-133	118	75-99	85	15	36-63	48
8	CZTS108	5MR	10MS	57-80	72	99-131	118	72-100	86	15	39-67	50
9	CZTS109	tMR	5R	58-88	75	100-134	120	77-99	87	10	40-64	51
10	CZTS110	10MR	5S	62-87	76	101-135	120	79-99	90	10	37-57	46
11	CZTS111	10MR	20MR	59-82	73	100-135	119	78-96	86	10	39-60	48
12	CZTS112	tMR	10MS	61-87	77	106-135	121	80-105	92	20	39-64	47
13	CZTS113	5MR	20S	58-91	78	103-137	121	87-109	99	0	38-63	46
14	CZTS114	0	10MR	53-83	72	100-132	118	83-102	94	5	38-56	44

1. Ancillary data from Bilaspur, Raipur, Indore, Jabalpur, Junagadh, Kota, Powarkheda, Sagar, SK Nagar, Udaipur and Vijapur centres.
2. Black and Brown rust data from Junagadh and Vijapur centres.
3. Lodging data reported from Jabalpur, SK Nagar, Udaipur and Vijapur centres.

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Individual Station Brown and Black Rust Data

SN	Code	Brown rust		Black rust	
		Junagadh	Vijapur	Junagadh	Vijapur
1	CZTS101	10MR	0	40S	5MS
2	CZTS102	5MR	0	20MS	10MR
3	CZTS103	tMR	0	5MR	5MS
4	CZTS104	0	0	5MR	10MS
5	CZTS105	0	0	10MR	10R
6	CZTS106	0	0	5MR	5S
7	CZTS107	10MR	0	20MR	5S
8	CZTS108	5MR	0	tMR	10MS
9	CZTS109	tMR	0	5MR	5R
10	CZTS110	10MR	5MS	5MR	5S
11	CZTS111	10MR	10MR	20MR	5MR
12	CZTS112	tMR	0	10MR	10MS
13	CZTS113	5MR	0	20S	5S
14	CZTS114	0	0	0	10MR