

2543-AVT-RI-TS-TAD-CZ, 2025-26
LOCATIONWISE MEAN YIELD (q/ha)

SN	Code	Gujarat		Gujarat		U.P.			U.P.			M.P.			M.P.			M.P.			Rajasthan			Rajasthan			Chhattisgarh			Chhattisgarh			Gujarat			M.P.																						
		Vijapur			Junagadh			Gujarat			Banda			Jhansi			U.P.			Powarkheda			Sagar			Indore			M.P.			Udaipur			Kota			Rajasthan			Bilaspur			Raipur			Chhattisgarh			Zonal			Dhandhuka			Jabalpur		
		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												
1	CZRI301	35.0	7	0	36.8	6	0	35.9	5	0	31.9	5	0	37.2	7	0	34.5	8	0	34.1	11	0	38.9	5	0	45.6	4	1	39.5	5	0	44.8	7	0	58.3	4	0	51.6	4	0	33.2	5	0	32.2	1	1	32.7	3	1	38.9	4	0	35.0	6	0	50.1	4	0
2	CZRI302	29.8	9	0	37.0	5	0	33.4	8	0	29.3	10	0	32.0	13	0	30.7	13	0	37.4	5	0	27.1	13	0	42.3	7	0	35.6	12	0	44.5	8	0	55.5	6	0	50.0	6	0	32.2	10	0	32.0	2	1	32.1	6	0	36.3	10	0	32.2	8	0	40.4	10	0
3	CZRI303	29.0	11	0	28.7	11	0	28.8	12	0	28.0	12	0	34.1	11	0	31.0	12	0	32.0	12	0	41.5	3	1	44.0	6	1	39.2	7	0	44.9	5	0	50.4	10	0	47.6	8	0	32.4	9	0	29.6	11	1	31.0	8	0	35.9	12	0	31.5	10	0	50.3	3	0
4	CZRI304	40.9	4	0	39.9	4	0	40.4	4	0	28.7	11	0	46.6	1	1	37.7	2	0	39.3	3	0	41.0	4	1	45.9	3	1	42.1	2	1	45.3	4	0	53.9	8	0	49.6	7	0	33.3	4	0	28.0	12	0	30.7	10	0	40.3	3	1	39.8	1	1	30.0	13	0
5	CZRI305	25.4	13	0	24.3	13	0	24.9	13	0	29.5	9	0	35.9	10	0	32.7	11	0	34.2	10	0	45.7	2	1	40.4	9	0	40.1	4	0	45.7	3	0	61.0	2	1	53.4	2	0	35.3	2	1	30.6	5	1	33.0	2	1	37.1	9	0	30.7	12	0	45.8	7	0
6	CZRI306	42.5	2	1	41.1	2	1	41.8	3	1	41.7	1	1	46.6	2	1	44.1	1	1	37.8	4	0	45.8	1	1	40.8	8	0	41.5	3	1	35.9	13	0	56.6	5	0	46.2	11	0	33.9	3	1	30.6	6	1	32.2	4	1	41.2	2	1	39.7	2	1	45.6	8	0
7	CZRI307	29.7	10	0	35.6	7	0	32.6	9	0	31.7	6	0	36.8	8	0	34.3	10	0	31.9	13	0	38.0	7	0	35.6	13	0	35.2	13	0	44.8	6	0	49.7	11	0	47.3	10	0	32.6	8	0	30.5	8	1	31.6	7	0	36.1	11	0	31.3	11	0	32.9	12	0
8	CZRI308	28.4	12	0	29.8	10	0	29.1	11	0	35.0	3	0	36.4	9	0	35.7	5	0	35.1	7	0	34.5	12	0	37.6	12	0	35.8	11	0	41.6	11	0	47.4	13	0	44.5	13	0	30.1	13	0	30.3	9	1	30.2	12	0	35.1	13	0	27.3	13	0	41.8	9	0
9	CZRI309	41.8	3	0	43.7	1	1	42.7	1	1	27.4	13	0	44.5	3	1	35.9	4	0	46.7	1	1	35.8	10	0	47.9	1	1	43.5	1	1	48.9	2	1	54.0	7	0	51.5	5	0	32.8	7	0	31.5	4	1	32.1	5	1	41.4	1	1	33.4	7	0	57.5	1	1
10	CZRI310	36.3	6	0	34.9	8	0	35.6	6	0	32.3	4	0	41.0	4	1	36.6	3	0	34.4	9	0	38.2	6	0	38.3	11	0	37.0	10	0	42.4	10	0	52.6	9	0	47.5	9	0	36.3	1	1	31.8	3	1	34.0	1	1	38.0	7	0	37.6	3	1	34.7	11	0
11	CZRI311	37.0	5	0	31.1	9	0	34.0	7	0	31.6	7	0	39.0	6	0	35.3	7	0	34.5	8	0	35.8	10	0	46.2	2	1	38.8	9	0	43.8	9	0	60.3	3	1	52.0	3	0	33.0	6	0	25.4	13	0	29.2	13	0	38.0	8	0	35.1	5	0	48.4	6	0
12	CZRI312	44.8	1	1	40.5	3	0	42.6	2	1	35.5	2	0	33.4	12	0	34.4	9	0	41.5	2	0	36.5	8	0	40.4	10	0	39.4	6	0	40.7	12	0	49.4	12	0	45.0	12	0	31.3	12	0	30.5	7	1	30.9	9	0	38.6	5	0	31.8	9	0	55.7	2	1
13	CZRI313	30.8	8	0	28.0	12	0	29.4	10	0	31.6	8	0	39.8	5	0	35.7	6	0	35.8	6	0	36.5	9	0	44.3	5	1	38.9	8	0	50.6	1	1	64.0	1	1	57.3	1	1	31.3	11	0	29.8	10	1	30.5	11	0	38.4	6	0	35.3	4	0	48.5	5	0
G.M.		34.7			34.7			34.7			31.9			38.7			35.3			36.5			38.1			42.2			39.0			44.2			54.8			49.5			32.9			30.2			31.6			38.1			33.9			44.7		
S.E.(M)		0.965			1.269			0.797			1.859			2.724			1.649			1.240			2.322			1.949			1.092			1.555			1.946			1.246			1.079			1.188			0.802			0.522			0.955			2.279		
C.D. (10%)		2.3			3.0			1.9			4.4			6.5			3.9			3.0			5.5			4.7			2.6			3.7			4.6			3.0			2.6			2.8			1.9			1.2			2.3			5.4		
C.V.		5.6			7.3						11.7			14.1						6.8			12.2			9.2						7.0			7.1						6.6			7.9						5.6			10.2					
D.O.S.(dd.mm.yy)		10.11.25			04.11.25						04.11.25			05.11.25						05.11.25			05.11.25										10.11.25			05.11.26						04.11.25			05.11.25						20.11.25			15.11.25				

No. of Trials : Proposed = 14 Conducted = 13
Trial not conducted (01) = Anand
Trials not reported (02) = Dhandhuka (LS, RMT), Jabalpur (LS)

Summary of Disease Data and Agronomic Characteristics

Central Zone

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

SN	Code	Black rust	Agronomic Characteristics							Grain Characteristics	
			Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	TGW.R	TGW.M
1	CZRI301	10MR	63–87	78	99–134	120	76–96	86	1.7	35–53	42
2	CZRI302	5MR	58–88	75	98–133	118	78–93	87	26.7	30–51	36
3	CZRI303	5MS	58–89	74	99–134	118	74–109	85	3.3	31–49	36
4	CZRI304	0	49–90	73	98–136	119	83–108	96	1.3	36–45	41
5	CZRI305	5MS	62–89	78	105–135	121	79–103	92	10.0	37–59	43
6	CZRI306	5MS	61–95	80	105–137	121	77–102	90	1.7	34–46	40
7	CZRI307	5S	60–94	80	101–137	122	74–100	90	0.0	33–61	40
8	CZRI308	0	56–84	73	99–133	120	81–98	89	0.0	35–52	44
9	CZRI309	0	57–92	77	99–137	120	82–120	98	0.0	35–45	39
10	CZRI310	10S	58–95	79	99–137	121	82–107	96	0.0	34–55	40
11	CZRI311	5MR	56–85	73	95–135	119	83–104	93	16.7	35–54	47
12	CZRI312	10S	53–91	74	94–136	118	83–112	97	0.0	35–50	40
13	CZRI313	5MS	51–84	73	98–133	120	82–105	92	0.0	41–61	49

1. Ancillary data from Indore, Banda, Bilaspur, Raipur, Jhansi, Junagadh, Kota, Powarkheda, Sagar, Udaipur, and Vijapur centres.
2. Black rust data from Junagadh and Vijapur centres.
3. Lodging data reported from Jhansi, Powarkheda and Vijapur centres.

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Individual Station Rust Data

SN	Entry	Black rust	
		Junagadh	Vijapur
1	CZRI301	0	10MR
2	CZRI302	0	5MR
3	CZRI303	0	5MS
4	CZRI304	0	0
5	CZRI305	0	5MS
6	CZRI306	tMR	5MS
7	CZRI307	5S	5S
8	CZRI308	0	0
9	CZRI309	0	0
10	CZRI310	5MR	10S
11	CZRI311	0	5MR
12	CZRI312	5MR	10S
13	CZRI313	0	5MS