

2343- AVT-RI-TS-TAD-CZ, 2023-24
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Gujarat								U.P.									
			Vijapur			Dhandhuka			Junagadh		Anand			Banda			Jhansi			
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW441 ^{M*}	CZRI312	41.6	7	0	39.5	6	1	29.6	10	0	36.3	8	0	51.2	5	0	47.4	6	0
2	NIAW4267	CZRI303	47.1	3	0	36.2	13	0	32.7	6	0	43.0	1	1	54.6	4	1	37.7	13	0
3	HI8852(d)	CZRI305	22.1	17	0	36.9	11	1	28.7	11	0	25.2	13	0	34.7	17	0	31.4	16	0
4	UAS3029	CZRI307	50.4	2	1	39.0	7	1	36.4	1	1	40.6	5	1	47.3	6	0	47.9	5	0
5	DBW432	CZRI309	46.6	4	0	42.0	2	1	33.0	4	0	42.1	3	1	57.8	3	1	56.6	1	1
6	MACS4131(d)	CZRI310	34.6	12	0	42.1	1	1	27.4	13	0	22.6	17	0	41.6	11	0	38.4	12	0
7	HI8851(d)	CZRI311	39.0	11	0	37.5	10	1	30.8	9	0	29.6	11	0	38.4	14	0	29.7	17	0
8	UAS484(d)	CZRI313	30.4	15	0	40.2	5	1	25.7	16	0	24.8	14	0	38.1	16	0	49.8	2	1
9	DBW428	CZRI314	40.7	9	0	30.8	16	0	27.1	14	0	38.2	6	0	38.3	15	0	46.2	8	0
10	MPO1398(d)	CZRI315	33.2	13	0	32.1	15	0	26.3	15	0	22.7	16	0	47.1	7	0	47.0	7	0
11	DBW110 (C)	CZRI302	45.3	6	0	36.9	11	1	32.1	7	0	35.6	10	0	59.8	1	1	48.0	4	0
12	CG1036 (C)	CZRI304	41.6	8	0	37.9	9	1	33.8	3	1	41.7	4	1	41.3	12	0	43.4	9	0
13	HI1655 (C)	CZRI306	39.6	10	0	38.3	8	1	32.9	5	0	36.8	7	0	45.3	9	0	39.4	11	0
14	HI8627(d)(C)	CZRI308	27.8	16	0	18.3	17	0	24.8	17	0	23.5	15	0	40.9	13	0	41.3	10	0
15	HI8823(d)(C)	CZRI316	32.6	14	0	34.2	14	0	28.0	12	0	25.8	12	0	42.6	10	0	49.7	3	1
16	CG1040(I)(C)	CZRI301	45.8	5	0	41.4	3	1	33.9	2	1	35.6	9	0	58.4	2	1	35.2	15	0
17	DBW359(I)(C)	CZRI317	52.9	1	1	40.2	4	1	31.2	8	0	42.4	2	1	45.4	8	0	36.1	14	0
G.M.			39.5			36.7			30.3			33.3			46.0			42.7		
S.E.(M)			1.505			2.306			1.240			1.522			3.221			3.177		
C.D. (10%)			3.6			5.5			2.9			3.6			7.6			7.5		
C.V.			7.6			12.6			8.2			9.1			14.0			14.9		
D.O.S.(dd.mm.yy)			03.11.23			08.11.23			02.11.23			10.11.23			05.11.23			08.11.23		

No. of Trials : Proposed = 14 Conducted = 14
 Trial not conducted (00) : Nil
 Trials not reported (02) = Sagar (RMT), SK Nagar (LSM)

2343- AVT-RI-TS-TAD-CZ, 2023-24
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	M.P.						Rajasthan		Chhattisgarh									
			Powarkheda			Jabalpur			Indore			Udaipur		Bilaspur		Raipur				
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW441 ^{M*}	CZRI312	44.3	1	1	42.8	8	0	57.5	2	1	57.4	2	1	37.4	5	1	33.8	2	0
2	NIAW4267	CZRI303	40.6	9	1	39.1	12	0	51.6	13	1	48.3	11	0	33.4	11	0	30.1	12	0
3	HI8852(d)	CZRI305	35.1	14	0	43.8	7	0	52.7	11	1	49.8	8	0	27.0	17	0	27.9	17	0
4	UAS3029	CZRI307	43.0	4	1	41.8	10	0	51.6	12	1	51.0	7	0	31.9	13	0	28.4	16	0
5	DBW432	CZRI309	41.4	7	1	45.9	2	0	52.8	9	1	48.2	12	0	36.1	8	0	30.1	11	0
6	MACS4131(d)	CZRI310	43.7	3	1	44.9	4	0	53.2	8	1	52.7	6	0	30.4	14	0	28.6	15	0
7	HI8851(d)	CZRI311	40.4	10	0	49.0	1	1	56.2	6	1	48.1	13	0	27.7	16	0	30.2	10	0
8	UAS484(d)	CZRI313	32.3	15	0	44.1	6	0	56.5	3	1	47.5	14	0	34.7	9	0	31.4	7	0
9	DBW428	CZRI314	41.3	8	1	44.6	5	0	50.4	15	0	48.5	10	0	37.1	7	0	30.3	9	0
10	MPO1398(d)	CZRI315	42.4	5	1	38.8	14	0	48.5	16	0	43.3	16	0	38.2	3	1	33.2	4	0
11	DBW110 (C)	CZRI302	40.0	11	0	37.5	15	0	47.4	17	0	53.8	5	0	33.8	10	0	30.6	8	0
12	CG1036 (C)	CZRI304	31.3	17	0	45.0	3	0	55.0	7	1	56.1	3	1	41.2	1	1	33.3	3	0
13	HI1655 (C)	CZRI306	41.8	6	1	35.6	16	0	52.7	10	1	49.7	9	0	32.4	12	0	31.8	6	0
14	HI8627(d)(C)	CZRI308	35.4	13	0	41.0	11	0	51.3	14	1	38.9	17	0	37.1	6	0	32.5	5	0
15	HI8823(d)(C)	CZRI316	31.7	16	0	32.7	17	0	58.3	1	1	44.5	15	0	38.2	3	1	28.7	14	0
16	CG1040(I)(C)	CZRI301	44.1	2	1	42.3	9	0	56.2	5	1	55.2	4	0	39.8	2	1	36.2	1	1
17	DBW359(I)(C)	CZRI317	38.6	12	0	39.1	13	0	56.5	4	1	58.8	1	1	30.4	15	0	29.5	13	0
G.M.			39.3			41.7			53.4			50.1			34.5			31.0		
S.E.(M)			1.605			1.252			3.021			1.513			1.667			0.915		
C.D. (10%)			3.8			3.0			7.2			3.6			4.0			2.2		
C.V.			8.2			6.0			11.3			6.0			9.7			5.9		
D.O.S.(dd.mm.yy)			03.11.23			03.11.23			01.11.23			03.11.23			03.11.23			05.11.23		

2343- AVT-RI-TS-TAD-CZ, 2023-24
STATE AND ZONAL MEANS (q/ha)

SN	Variety	Code	Gujarat			U.P.			M.P.			Rajasthan			Chhattisgarh			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW441 ^{M*}	CZRI312	36.8	9	0	49.3	3	0	48.2	2	1	57.4	2	1	35.6	4	0	43.2	3	1
2	NIAW4267	CZRI303	39.7	4	1	46.2	7	0	43.8	12	0	48.3	11	0	31.7	12	0	41.2	8	0
3	HI8852(d)	CZRI305	28.2	16	0	33.1	17	0	43.9	10	0	49.8	8	0	27.4	17	0	34.6	16	0
4	UAS3029	CZRI307	41.6	2	1	47.6	4	0	45.5	6	0	51.0	7	0	30.2	13	0	42.5	4	0
5	DBW432	CZRI309	40.9	3	1	57.2	1	1	46.7	5	1	48.2	12	0	33.1	8	0	44.4	1	1
6	MACS4131(d)	CZRI310	31.7	12	0	40.0	15	0	47.3	4	1	52.7	6	0	29.5	15	0	38.4	11	0
7	HI8851(d)	CZRI311	34.2	10	0	34.0	16	0	48.5	1	1	48.1	13	0	28.9	16	0	38.0	12	0
8	UAS484(d)	CZRI313	30.3	13	0	43.9	9	0	44.3	9	0	47.5	14	0	33.0	9	0	38.0	13	0
9	DBW428	CZRI314	34.2	11	0	42.2	12	0	45.5	7	0	48.5	10	0	33.7	6	0	39.5	10	0
10	MPO1398(d)	CZRI315	28.6	15	0	47.1	5	0	43.2	14	0	43.3	16	0	35.7	3	0	37.7	14	0
11	DBW110 (C)	CZRI302	37.5	7	0	53.9	2	1	41.6	16	0	53.8	5	0	32.2	10	0	41.7	7	0
12	CG1036 (C)	CZRI304	38.8	6	0	42.3	11	0	43.8	11	0	56.1	3	1	37.2	2	1	41.8	5	0
13	HI1655 (C)	CZRI306	36.9	8	0	42.3	10	0	43.4	13	0	49.7	9	0	32.1	11	0	39.7	9	0
14	HI8627(d)(C)	CZRI308	23.6	17	0	41.1	13	0	42.6	15	0	38.9	17	0	34.8	5	0	34.4	17	0
15	HI8823(d)(C)	CZRI316	30.1	14	0	46.1	8	0	40.9	17	0	44.5	15	0	33.5	7	0	37.2	15	0
16	CG1040(I)(C)	CZRI301	39.2	5	0	46.8	6	0	47.6	3	1	55.2	4	0	38.0	1	1	43.7	2	1
17	DBW359(I)(C)	CZRI317	41.7	1	1	40.8	14	0	44.7	8	0	58.8	1	1	29.9	14	0	41.8	6	0
G.M.			34.9			44.4			44.8			50.1			32.7			39.9		
S.E.(M)			0.845			2.262			1.214			1.513			0.951			0.596		
C.D. (10%)			2.0			5.3			2.8			3.6			2.2			1.4		

Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial: AVT-RI-TS-TAD, 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.M	TGW.R	TGW.M
1	DBW441 ^{M*}	CZRI312	tR	10S	45-82	66	101-134	117	77-117	94	0	29-53	44
2	NIAW4267	CZRI303	tR	5MS	44-87	68	102-133	118	70-106	91	0	30-52	43
3	HI8852(d)	CZRI305	0	5MR	44-84	62	98-132	115	70-112	93	10	29-47	41
4	UAS3029	CZRI307	0	tR	45-85	58	93-127	113	48-105	76	0	30-53	45
5	DBW432	CZRI309	0	0	43-86	62	102-128	116	63-112	80	10	29-58	47
6	MACS4131(d)	CZRI310	0	0	41-81	61	100-131	116	72-119	97	20	29-51	42
7	HI8851(d)	CZRI311	tR	10MS	42-86	68	100-133	117	69-116	95	5	29-50	44
8	UAS484(d)	CZRI313	0	tR	59-87	75	109-133	121	68-112	92	5	28-55	44
9	DBW428	CZRI314	tR	10MS	41-78	62	101-133	116	69-111	92	0	28-51	44
10	MPO1398(d)	CZRI315	0	5MS	41-87	61	102-128	115	65-104	82	15	30-55	48
11	DBW110 (C)	CZRI302	0	0	45-79	63	101-128	116	67-107	87	15	28-57	50
12	CG1036 (C)	CZRI304	tR	5MS	43-86	67	102-134	117	72-113	91	10	24-52	42
13	HI1655 (C)	CZRI306	tMR	10MR	46-85	69	103-130	118	63-105	81	0	30-45	38
14	HI8627(d)(C)	CZRI308	0	tR	44-82	66	99-133	116	71-109	91	10	27-57	47
15	HI8823(d)(C)	CZRI316	tR	10MR	55-87	71	101-133	119	62-113	84	5	28-56	46
16	CG1040 (I)(C)	CZRI301	0	5MR	56-86	74	102-132	120	64-102	83	15	28-55	43
17	DBW359(I)(C)	CZRI317	0	5MS	42-75	60	98-130	115	67-107	91	5	27-51	44

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