

**2142- AVT-RI-TS-TAD-CZ, 2021-22**  
**LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	Gujarat									M.P.					
			Vijapur			Amreli			Sanosara			Jabalpur			Powarkheda		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	CG1036*	CZRI301	39.4	8	0	34.3	15	0	34.8	15	0	40.2	2	1	40.6	16	0
2	HI1655 <sup>Q</sup> *	CZRI304	35.3	13	0	38.2	10	0	39.1	3	1	36.2	12	0	43.1	13	0
3	DDW55(d) <sup>Q</sup> *	CZRI302	28.3	19	0	39.2	9	0	35.7	10	0	38.0	8	1	47.6	2	1
4	HI8830(d)*	CZRI312	42.4	4	0	33.5	16	0	39.1	4	1	40.6	1	1	43.4	11	0
5	HI1666	CZRI303	30.8	17	0	37.4	12	0	34.9	13	0	27.8	20	0	44.5	9	0
6	MP1377	CZRI305	28.7	18	0	30.3	17	0	32.9	17	0	33.9	17	0	36.8	20	0
7	DBW359	CZRI306	49.4	1	1	42.2	3	1	40.9	1	1	33.4	19	0	42.4	14	0
8	DBW358	CZRI307	45.0	2	1	44.0	1	1	35.6	12	0	40.1	3	1	45.3	6	0
9	CG1040	CZRI308	38.9	10	0	42.6	2	1	36.9	7	0	39.7	4	1	45.7	5	1
10	GW532	CZRI310	41.3	5	0	36.2	14	0	38.4	5	1	37.6	9	0	43.3	12	0
11	MACS6795	CZRI313	37.3	11	0	39.8	8	1	35.7	11	0	33.7	18	0	44.4	10	0
12	HD3401	CZRI316	27.6	20	0	38.1	11	0	36.4	8	0	39.7	5	1	46.7	3	1
13	NIAW4028	CZRI317	40.9	6	0	36.7	13	0	40.0	2	1	38.9	7	1	40.4	18	0
14	UAS3019	CZRI319	44.1	3	1	41.8	5	1	34.9	14	0	35.7	15	0	49.5	1	1
15	HI1665	CZRI320	34.8	14	0	41.7	6	1	34.8	16	0	35.7	14	0	46.2	4	1
16	DBW110(C)	CZRI309	39.9	7	0	41.9	4	1	38.0	6	1	36.7	11	0	44.8	7	0
17	MP3288(C)	CZRI314	39.0	9	0	41.6	7	1	36.4	9	0	37.3	10	0	42.4	14	0
18	HI8627(d)(C)	CZRI315	30.9	16	0	22.2	20	0	30.1	19	0	35.9	13	0	44.6	8	0
19	DDW47(d)(C)	CZRI318	33.2	15	0	29.9	18	0	31.6	18	0	34.3	16	0	37.8	19	0
20	HI8823(l)(d)(C)	CZRI311	36.8	12	0	29.6	19	0	29.4	20	0	39.6	6	1	40.6	16	0
G.M.			37.2			37.1			35.8			36.8			43.5		
S.E.(M)			2.231			1.857			1.495			1.112			1.590		
C.D. (10%)			5.4			4.5			3.6			2.7			3.9		
C.V.			12.0			10.0			8.4			6.1			7.3		
D.O.S.(dd.mm.yy)			03.11.21			29.10.21			05.11.21			03.11.21			03.11.21		

No. of Trials : Proposed = 16 Conducted = 16  
Trials not reported (02) = Dhanduka (RMT), Junagarh (LSM),

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**LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	M.P.						Chhattisgarh								
			Sagar		Indore		Bilaspur		Ambikapur		Raipur						
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G			
1	CG1036*	CZRI301	40.6	2	0	41.1	18	0	41.2	5	1	43.1	3	1	39.7	5	0
2	HI1655 <sup>Q</sup> *	CZRI304	31.4	15	0	50.3	4	1	34.0	13	0	33.8	11	0	35.4	17	0
3	DDW55(d) <sup>Q</sup> *	CZRI302	32.0	13	0	48.3	7	1	28.8	19	0	22.6	20	0	36.9	10	0
4	HI8830(d)*	CZRI312	37.2	6	0	52.8	1	1	43.1	3	1	42.3	4	1	44.1	1	1
5	HI1666	CZRI303	32.7	12	0	43.3	14	0	32.1	15	0	31.1	13	0	32.3	20	0
6	MP1377	CZRI305	29.5	16	0	34.6	20	0	33.1	14	0	29.9	16	0	34.9	19	0
7	DBW359	CZRI306	34.4	9	0	49.8	6	1	38.3	10	0	41.8	6	1	36.6	11	0
8	DBW358	CZRI307	35.9	8	0	50.0	5	1	40.2	7	0	44.8	1	1	38.6	6	0
9	CG1040	CZRI308	40.1	3	0	50.4	3	1	42.5	4	1	44.0	2	1	42.7	3	1
10	GW532	CZRI310	31.6	14	0	43.3	15	0	39.1	9	0	41.9	5	1	35.7	15	0
11	MACS6795	CZRI313	37.5	4	0	47.0	10	0	43.7	2	1	41.4	7	1	35.2	18	0
12	HD3401	CZRI316	26.5	20	0	44.9	11	0	29.2	18	0	29.6	18	0	42.8	2	1
13	NIAW4028	CZRI317	29.1	17	0	47.7	8	0	40.8	6	0	35.6	10	0	36.0	13	0
14	UAS3019	CZRI319	33.2	11	0	44.7	12	0	24.6	20	0	39.3	8	0	36.1	12	0
15	HI1665	CZRI320	37.3	5	0	50.5	2	1	43.9	1	1	30.4	15	0	35.6	16	0
16	DBW110(C)	CZRI309	33.8	10	0	40.9	19	0	37.8	11	0	38.6	9	0	39.8	4	0
17	MP3288(C)	CZRI314	36.8	7	0	44.5	13	0	39.7	8	0	28.7	19	0	35.8	14	0
18	HI8627(d)(C)	CZRI315	43.0	1	1	43.0	16	0	31.2	16	0	31.8	12	0	37.2	8	0
19	DDW47(d)(C)	CZRI318	26.8	19	0	42.9	17	0	35.8	12	0	29.7	17	0	37.0	9	0
20	HI8823(l)(d)(C)	CZRI311	28.5	18	0	47.4	9	0	31.2	17	0	30.8	14	0	38.5	7	0
G.M.			33.9		45.9		36.5		35.6		37.6						
S.E.(M)			0.509		2.001		1.273		1.814		1.081						
C.D. (10%)			1.2		4.9		3.1		4.4		2.6						
C.V.			3.0		8.7		7.0		10.2		5.8						
D.O.S.(dd.mm.yy)			03.11.21		03.11.21		30.10.21		29.10.21		05.11.21						

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LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Chhattisgarh			Rajasthan								
			Jagdalpur			Durgapura			Udaipur		Mandor			
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	CG1036*	CZRI301	38.0	4	1	41.7	10	0	60.4	13	0	36.3	8	0
2	HI1655 <sup>Q</sup> *	CZRI304	28.6	14	0	42.7	7	0	59.8	14	0	37.4	7	0
3	DDW55(d) <sup>Q</sup> *	CZRI302	29.2	13	0	38.4	17	0	56.5	18	0	24.5	18	0
4	HI8830(d)*	CZRI312	35.2	7	0	41.3	11	0	65.3	3	1	27.2	16	0
5	HI1666	CZRI303	27.3	18	0	42.4	9	0	61.6	10	0	31.9	13	0
6	MP1377	CZRI305	28.0	16	0	45.5	4	1	52.9	20	0	33.4	10	0
7	DBW359	CZRI306	31.7	11	0	46.5	3	1	65.3	4	1	44.5	1	1
8	DBW358	CZRI307	33.1	9	0	48.3	1	1	59.0	16	0	39.4	5	0
9	CG1040	CZRI308	36.6	5	0	42.5	8	0	65.6	2	1	29.9	14	0
10	GW532	CZRI310	32.3	10	0	40.1	15	0	62.3	7	1	32.8	12	0
11	MACS6795	CZRI313	39.1	2	1	37.8	20	0	67.2	1	1	37.8	6	0
12	HD3401	CZRI316	27.7	17	0	42.7	6	0	58.4	17	0	23.3	20	0
13	NIAW4028	CZRI317	33.5	8	0	40.3	13	0	62.3	8	1	43.6	2	1
14	UAS3019	CZRI319	25.3	20	0	47.4	2	1	62.6	6	1	41.3	3	0
15	HI1665	CZRI320	35.8	6	0	38.4	17	0	59.8	15	0	35.8	9	0
16	DBW110(C)	CZRI309	38.3	3	1	43.9	5	0	62.7	5	1	41.1	4	0
17	MP3288(C)	CZRI314	39.7	1	1	41.0	12	0	61.4	11	0	33.2	11	0
18	HI8627(d)(C)	CZRI315	26.6	19	0	40.3	13	0	61.8	9	1	24.2	19	0
19	DDW47(d)(C)	CZRI318	29.9	12	0	38.7	16	0	61.3	12	0	26.5	17	0
20	HI8823(l)(d)(C)	CZRI311	28.3	15	0	38.2	19	0	55.9	19	0	28.2	15	0
G.M.			32.2			41.9			61.1			33.6		
S.E.(M)			0.992			1.341			2.242			1.121		
C.D. (10%)			2.4			3.3			5.5			2.7		
C.V.			6.2			6.4			7.3			6.7		
D.O.S.(dd.mm.yy)			28.10.21			05.11.21			30.10.21			02.11.21		

2142- AVT-RI-TS-TAD-CZ, 2021-22  
STATE AND ZONAL MEANS (q/ha)

SN	Variety	Code	Gujarat			M.P.			Chhattisgarh			Rajasthan			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	CG1036*	CZRI301	36.2	13	0	40.6	8	0	40.5	3	1	46.1	8	0	40.8	7	0
2	HI1655 <sup>Q</sup> *	CZRI304	37.6	11	0	40.2	10	0	33.0	13	0	46.6	7	0	39.0	13	0
3	DDW55(d) <sup>Q</sup> *	CZRI302	34.4	14	0	41.5	6	0	29.4	20	0	39.8	20	0	36.1	16	0
4	HI8830(d)*	CZRI312	38.3	9	0	43.5	2	1	41.2	2	1	44.6	14	0	42.0	4	1
5	HI1666	CZRI303	34.4	15	0	37.1	18	0	30.7	19	0	45.3	10	0	36.4	15	0
6	MP1377	CZRI305	30.6	19	0	33.7	20	0	31.5	17	0	43.9	15	0	34.6	20	0
7	DBW359	CZRI306	44.2	1	1	40.0	12	0	37.1	8	0	52.1	1	1	42.7	3	1
8	DBW358	CZRI307	41.5	2	0	42.8	3	1	39.2	5	0	48.9	4	0	42.8	1	1
9	CG1040	CZRI308	39.5	5	0	44.0	1	1	41.4	1	1	46.0	9	0	42.7	2	1
10	GW532	CZRI310	38.6	8	0	38.9	17	0	37.2	7	0	45.1	12	0	39.7	12	0
11	MACS6795	CZRI313	37.6	10	0	40.6	9	0	39.9	4	0	47.6	6	0	41.3	6	0
12	HD3401	CZRI316	34.0	16	0	39.4	13	0	32.3	14	0	41.5	18	0	36.7	14	0
13	NIAW4028	CZRI317	39.2	6	0	39.0	15	0	36.5	9	0	48.7	5	0	40.4	8	0
14	UAS3019	CZRI319	40.3	3	0	40.8	7	0	31.3	18	0	50.5	2	1	40.1	9	0
15	HI1665	CZRI320	37.1	12	0	42.4	4	1	36.4	10	0	44.6	13	0	40.0	10	0
16	DBW110(C)	CZRI309	39.9	4	0	39.0	14	0	38.7	6	0	49.2	3	0	41.3	5	0
17	MP3288(C)	CZRI314	39.0	7	0	40.2	11	0	36.0	11	0	45.2	11	0	39.8	11	0
18	HI8627(d)(C)	CZRI315	27.7	20	0	41.6	5	0	31.7	16	0	42.1	17	0	35.9	18	0
19	DDW47(d)(C)	CZRI318	31.5	18	0	35.4	19	0	33.1	12	0	42.2	16	0	35.4	19	0
20	HI8823(l)(d)(C)	CZRI311	31.9	17	0	39.0	16	0	32.2	15	0	40.8	19	0	35.9	17	0
G.M.			36.7			40.0			35.5			45.5			39.2		
S.E.(M)			1.088			0.708			0.664			0.947			0.415		
C.D. (10%)			2.5			1.6			1.5			2.2			1.0		

## Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial: AVT-RI-TS-TAD-CZ, 2021-22

SN	Variety	Code	Agronomic Characteristics								
			Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	TGW.R	TGW.M
1	CG1036*	CZRI301	48-89	63	96-131	114	54-94	76	0	33-52	45
2	HI1655 <sup>Q*</sup>	CZRI304	50-89	65	101-131	117	72-110	91	3	32-50	42
3	DDW55(d) <sup>Q*</sup>	CZRI302	52-90	65	102-130	115	68-98	82	0	44-57	53
4	HI8830(d)*	CZRI312	60-88	70	105-130	119	69-108	86	0	34-59	47
5	HI1666	CZRI303	47-87	62	96-128	114	67-110	88	0	36-50	44
6	MP1377	CZRI305	48-91	63	100-129	116	63-97	80	0	33-53	44
7	DBW359	CZRI306	54-91	68	99-130	118	68-109	91	0	41-51	45
8	DBW358	CZRI307	54-91	68	100-130	117	66-102	83	0	40-60	49
9	CG1040	CZRI308	54-97	71	100-130	118	70-108	91	5	35-54	45
10	GW532	CZRI310	52-97	67	99-133	117	66-105	89	1	31-51	43
11	MACS6795	CZRI313	48-94	67	101-138	119	64-108	85	0	27-46	39
12	HD3401	CZRI316	54-89	66	102-129	117	69-100	81	0	34-58	49
13	NIAW4028	CZRI317	52-96	68	99-129	117	69-107	89	0	39-52	47
14	UAS3019	CZRI319	51-95	66	98-127	115	68-111	89	0	37-51	45
15	HI1665	CZRI320	53-98	68	102-135	119	68-113	90	3	35-47	43
16	DBW110 (C)	CZRI309	57-97	71	100-132	118	64-107	88	0	28-53	43
17	MP3288(C)	CZRI314	54-90	69	101-135	118	66-105	89	5	37-49	43
18	HI8627(d) (C)	CZRI315	60-97	76	108-135	122	74-109	89	0	37-58	47
19	DDW47(d) (C)	CZRI318	64-95	74	105-134	121	65-100	80	5	32-51	43
20	HI8823(l)(d) (C)	CZRI311	60-96	74	105-135	121	65-99	81	0	36-56	47

1. Ancillary data from Ambikapur, Amreli, Bilaspur, Dhandhuka, Durgapura, Indore, Jabalpur, Jagdalpur, Junagadh, Sanosara, Mandor, Powarkheda, Raipur, Sagar, Udaipur and Vijapur
2. No incidence of any Disease reported from any centre.
3. Lodging data reported from Amreli center only.