

**2041 - AVT-IR-TS-TAD-CZ, 2020-21
LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	Gujarat						M.P.					
			Vijapur		SK Nagar		Anand		Amreli		Junagadh		Gwalior	
			Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G
1	GW513*	CZTS105	62.6	2 1	45.5	2 1	59.9	7 1	65.7	7 0	67.7	1 1	59.4	12 0
2	HI1636*	CZTS106	53.6	9 0	37.9	10 0	56.5	8 0	56.3	11 0	61.4	7 0	63.5	3 1
3	HI8833(d) ^M	CZTS101	50.6	12 0	39.7	7 0	44.4	13 0	65.1	8 0	57.5	10 0	65.4	2 1
4	MP3535	CZTS103	64.8	1 1	37.3	12 0	62.6	3 1	70.4	4 1	65.8	4 1	62.2	6 0
5	GW523	CZTS104	54.0	6 0	45.6	1 1	60.6	6 1	71.7	2 1	66.1	3 1	60.0	11 0
6	HI8832(d) ^M	CZTS107	51.4	11 0	37.0	13 0	54.2	11 0	53.3	12 0	54.0	12 0	61.9	7 0
7	MACS6768	CZTS108	59.6	3 0	40.9	4 0	64.2	1 1	66.3	6 0	65.7	5 1	63.1	4 0
8	HI1667 ^B	CZTS110	48.8	13 0	37.4	11 0	54.8	10 0	52.4	13 0	52.7	13 0	58.1	13 0
9	HI1650	CZTS113	56.6	4 0	39.8	6 0	64.0	2 1	70.5	3 1	64.4	6 1	62.6	5 0
10	GW322 (C)	CZTS102	53.7	7 0	39.1	8 0	62.0	5 1	67.7	5 0	66.5	2 1	61.6	8 0
11	HI1544 (C)	CZTS109	54.8	5 0	40.6	5 0	62.4	4 1	58.5	10 0	59.0	8 0	61.6	9 0
12	HI8498(d)(C)	CZTS111	53.1	10 0	38.9	9 0	56.4	9 0	65.1	8 0	58.0	9 0	66.4	1 1
13	HI8713(d)(C)	CZTS112	53.6	8 0	42.3	3 1	47.6	12 0	74.6	1 1	56.8	11 0	61.5	10 0
G.M.			55.2		40.2		57.7		64.4		61.2		62.1	
S.E.(M)			1.400		1.509		2.033		2.351		1.897		1.332	
C.D. (10%)			3.3		3.6		4.9		5.6		4.5		3.2	
C.V.			5.1		7.5		7.1		7.3		6.2		4.3	
D.O.S.(dd.mm.yy)			20.11.20		11.11.20		19.11.20		10.11.20		11.11.20		13.11.20	

No. of Trials : Proposed = 16 Conducted = 16
Trials not reported (02) = Bilaspur (RMT), KVK-Ujjain (HCV)

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SN	Variety	Code	M.P.				Chhattisgarh		Rajasthan					
			Jabalpur		Powarkheda		Sagar		Raipur		Kota			
			Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G		
1	GW513*	CZTS105	43.6	8 0	49.7	11 0	45.2	11 0	38.1	10 0	45.6	2 1	54.5	10 0
2	HI1636*	CZTS106	43.0	9 0	58.4	2 0	52.5	1 1	33.7	12 0	42.0	7 0	53.7	11 0
3	HI8833(d) ^M	CZTS101	35.9	13 0	46.3	13 0	52.1	3 1	42.8	8 0	37.3	13 0	66.1	4 1
4	MP3535	CZTS103	49.5	1 1	56.3	6 0	50.3	8 1	48.9	2 1	45.7	1 1	70.9	1 1
5	GW523	CZTS104	44.1	7 0	54.0	8 0	48.2	9 1	48.2	4 1	42.4	5 1	49.9	13 0
6	HI8832(d) ^M	CZTS107	41.5	10 0	48.7	12 0	48.0	10 1	36.4	11 0	39.6	10 0	51.3	12 0
7	MACS6768	CZTS108	44.4	5 0	52.0	9 0	45.2	12 0	46.2	7 1	45.6	3 1	69.3	2 1
8	HI1667 ^B	CZTS110	48.7	3 1	50.9	10 0	51.1	6 1	29.8	13 0	38.6	12 0	56.2	8 0
9	HI1650	CZTS113	47.4	4 1	62.3	1 1	51.1	5 1	48.9	3 1	42.6	4 1	60.9	6 0
10	GW322 (C)	CZTS102	48.9	2 1	55.9	7 0	50.4	7 1	47.6	6 1	40.3	9 0	56.1	9 0
11	HI1544 (C)	CZTS109	40.4	11 0	56.7	4 0	52.4	2 1	48.0	5 1	42.1	6 1	58.0	7 0
12	HI8498(d)(C)	CZTS111	39.2	12 0	57.2	3 0	41.5	13 0	39.9	9 0	41.7	8 0	64.8	5 1
13	HI8713(d)(C)	CZTS112	44.2	6 0	56.7	5 0	52.1	4 1	49.4	1 1	39.5	11 0	66.8	3 1
G.M.			43.9		54.3		49.2		42.9		41.7		59.9	
S.E.(M)			0.904		0.583		2.261		1.873		1.525		3.331	
C.D. (10%)			2.2		1.4		5.4		4.5		3.6		8.0	
C.V.			4.1		2.2		9.2		8.7		7.3		11.1	
D.O.S.(dd.mm.yy)			18.11.20		12.11.20		17.11.20		04.11.20		19.11.20		18.11.20	

2041 - AVT-IR-TS-TAD-CZ, 2020-21
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Rajasthan					
			Udaipur			Mandor		
			Yield	Rk	G	Yield	Rk	G
1	GW513*	CZTS105	56.0	8	0	48.4	2	1
2	HI1636*	CZTS106	50.7	13	0	41.3	8	0
3	HI8833(d) ^M	CZTS101	51.9	11	0	33.6	12	0
4	MP3535	CZTS103	63.6	2	0	44.5	5	0
5	GW523	CZTS104	55.7	9	0	47.5	3	1
6	HI8832(d) ^M	CZTS107	56.4	6	0	35.9	10	0
7	MACS6768	CZTS108	56.1	7	0	48.8	1	1
8	HI1667B	CZTS110	51.1	12	0	46.8	4	1
9	HI1650	CZTS113	59.4	5	0	43.5	6	0
10	GW322 (C)	CZTS102	59.9	4	0	37.7	9	0
11	HI1544 (C)	CZTS109	62.6	3	0	42.5	7	0
12	HI8498(d)(C)	CZTS111	53.0	10	0	34.1	11	0
13	HI8713(d)(C)	CZTS112	71.9	1	1	30.6	13	0
G.M.			57.6			41.2		
S.E.(M)			2.094			1.017		
C.D. (10%)			5.0			2.4		
C.V.			7.3			4.9		
D.O.S.(dd.mm.yy)			12.11.20			18.11.20		

2041 - AVT-IR-TS-TAD-CZ, 2020-21
STATE AND ZONAL MEANS (q/ha)

SN	Variety	Code	Gujarat			MP			Chhattisgarh			Rajasthan			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	GW513*	CZTS105	60.3	1	1	47.2	13	0	45.6	2	1	52.9	6	0	53.0	7	0
2	HI1636*	CZTS106	53.1	10	0	50.2	7	0	42.0	7	0	48.6	12	0	50.3	10	0
3	HI8833(d) ^M	CZTS101	51.5	11	0	48.5	10	0	37.3	13	0	50.5	11	0	49.2	11	0
4	MP3535	CZTS103	60.2	2	1	53.4	2	1	45.7	1	1	59.7	1	1	56.6	1	1
5	GW523	CZTS104	59.6	3	1	50.9	6	0	42.4	5	1	51.1	9	0	53.4	4	0
6	HI8832(d) ^M	CZTS107	50.0	12	0	47.3	12	0	39.6	10	0	47.8	13	0	47.8	13	0
7	MACS6768	CZTS108	59.3	4	1	50.2	8	0	45.6	3	1	58.0	2	1	54.8	3	0
8	HI1667 ^B	CZTS110	49.2	13	0	47.7	11	0	38.6	12	0	51.3	7	0	48.4	12	0
9	HI1650	CZTS113	59.1	5	1	54.5	1	1	42.6	4	1	54.6	4	0	55.3	2	0
10	GW322 (C)	CZTS102	57.8	6	0	52.9	3	1	40.3	9	0	51.2	8	0	53.4	6	0
11	HI1544 (C)	CZTS109	55.1	7	0	51.8	5	0	42.1	6	1	54.4	5	0	52.8	8	0
12	HI8498(d)(C)	CZTS111	54.3	9	0	48.8	9	0	41.7	8	0	50.6	10	0	50.7	9	0
13	HI8713(d)(C)	CZTS112	55.0	8	0	52.8	4	0	39.5	11	0	56.4	3	0	53.4	5	0
G.M.			55.7			50.5			41.7			52.9			52.2		
S.E.(M)			0.837			0.680			1.525			1.354			0.494		
C.D. (10%)			1.9			1.6			3.6			3.2			1.1		

Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial: AVT-IR-TS-TAD-CZ, 2020-21

SN	Variety	Code	Agronomic Characteristics							Grain Characteristics				
			Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	GW513*	CZ-TS-105	51-84	61	101-143	115	84-103	94	10	Ey	A	SH	37-56	47
2	HI1636*	CZ-TS-106	51-83	61	103-143	117	82-103	91	15	M	A	SH	43-57	50
3	HI8833(d) ^M	CZ-TS-101	54-81	64	107-141	118	72-101	86	10	M	A	H	42-55	48
4	MP3535	CZ-TS-103	54-84	67	103-138	118	83-104	93	25	M	A	SH	34-58	44
5	GW523	CZ-TS-104	52-86	65	101-142	115	80-103	89	20	Ey	A	SH	37-56	44
6	HI8832(d) ^M	CZ-TS-107	53-80	60	103-141	116	70-94	78	5	Ey	A	H	41-58	49
7	MACS6768	CZ-TS-108	50-81	61	101-142	118	80-102	86	5	M	A	SH	31-51	45
8	HI1667 ^B	CZ-TS-110	50-85	59	104-144	117	66-98	79	0	Ey	A	SO	37-49	41
9	HI1650	CZ-TS-113	53-79	64	100-138	118	83-101	89	20	Ey	A	SH	30-56	47
10	GW322 (C)	CZ-TS-102	55-85	67	103-139	117	72-102	89	5	M	A	SH	30-49	41
11	HI1544 (C)	CZ-TS-109	51-82	61	100-139	116	79-103	89	10	Ey-M	A	SH	36-50	45
12	HI8498(d) (C)	CZ-TS-111	55-84	65	106-142	119	76-96	86	20	Ey-M	A	H	45-59	53
13	HI8713(d) (C)	CZ-TS-112	67-86	74	113-143	123	83-101	95	20	Ey	A	SH	37-62	47

1. Ancillary data from Sagar, Amreli, Anand, Gwalior, Indore, Jabalpur, Junagadh, Kota, Mandor, Powarkheda, Raipur, Udaipur and Vijapur.
2. Lodging data reported from Anand, Gwalior and Jabalpur centre.