

2141 - AVT-IR-TS-TAD-CZ , 2021-22  
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Gujarat														
			Vijapur			SK Nagar			Anand			Amreli			Junagadh		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	HI1650*	CZTS103	73.8	3	1	65.3	11	0	57.1	11	0	54.9	8	0	59.0	3	1
2	MP3535*	CZTS107	57.1	13	0	55.9	13	0	52.3	13	0	42.5	12	0	47.1	13	0
3	MACS6768*	CZTS108	72.7	6	1	72.5	4	1	65.9	5	1	55.1	7	0	54.2	8	0
4	GW547	CZTS104	73.8	3	1	72.7	3	1	66.8	4	1	56.4	5	0	54.0	9	0
5	NWS2194	CZTS105	74.5	1	1	71.6	6	1	68.8	1	1	63.6	1	1	54.8	7	0
6	DBW352	CZTS106	71.5	8	1	68.9	10	0	63.4	7	1	43.6	10	0	49.4	12	0
7	DBW187(F)	CZTS111	74.0	2	1	69.7	8	1	65.7	6	1	42.8	11	0	56.5	5	1
8	DBW303(F)	CZTS112	72.8	5	1	63.2	12	0	62.4	9	0	57.6	2	0	60.0	2	1
9	DBW376(F)	CZTS113	70.4	10	0	71.2	7	1	67.3	3	1	41.8	13	0	56.9	4	1
10	GW322(C)	CZTS101	72.7	7	1	74.0	1	1	67.4	2	1	56.8	4	0	60.0	1	1
11	HI1544(C)	CZTS110	71.0	9	1	72.2	5	1	60.1	10	0	56.2	6	0	53.2	10	0
12	HI1636(I)(C)	CZTS102	68.1	11	0	69.4	9	1	55.7	12	0	51.7	9	0	51.5	11	0
13	GW513(I)(C)	CZTS109	67.4	12	0	73.7	2	1	62.9	8	0	56.9	3	0	54.9	6	0
G.M.			70.8			69.2			62.8			52.3			54.7		
S.E.(M)			1.554			1.983			2.277			2.148			2.019		
C.D. (10%)			3.7			4.7			5.4			5.1			4.8		
C.V.			4.4			5.7			7.3			8.2			7.4		
D.O.S.(dd.mm.yy)			15.11.21			13.11.21			15.11.21			15.11.21			12.11.21		

No. of Trials : Proposed = 19 Conducted = 19  
Trials not reported (04) = KVK-Ujjain (LSM), Raipur (LSM), Kota (LSM, LS), Mandor (LSM)  
F : denots Filler

2141 - AVT-IR-TS-TAD-CZ , 2021-22  
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	M.P.												Chhattisgarh		
			Jaabalpur			Sagar			Powarkheda			Indore			Bilaspur		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	HI1650*	CZTS103	49.7	11	0	50.4	7	0	57.3	3	1	64.2	2	1	42.3	10	0
2	MP3535*	CZTS107	40.9	13	0	47.4	11	0	43.2	12	0	52.2	13	0	39.0	13	0
3	MACS6768*	CZTS108	47.5	12	0	49.1	9	0	53.8	8	1	61.9	4	1	41.6	11	0
4	GW547	CZTS104	56.3	4	0	51.9	4	0	55.7	6	1	61.7	5	1	49.3	1	1
5	NWS2194	CZTS105	53.4	8	0	51.5	6	0	57.8	1	1	59.6	8	1	48.2	4	1
6	DBW352	CZTS106	62.6	1	1	51.6	5	0	42.9	13	0	55.4	11	0	48.7	2	1
7	DBW187(F)	CZTS111	58.0	2	0	50.4	8	0	56.1	5	1	64.5	1	1	45.6	5	0
8	DBW303(F)	CZTS112	53.7	7	0	56.7	3	1	52.8	11	1	61.2	6	1	48.3	3	1
9	DBW376(F)	CZTS113	54.6	6	0	57.0	2	1	52.8	10	1	58.6	9	0	44.8	6	0
10	GW322(C)	CZTS101	50.8	9	0	45.3	13	0	53.8	8	1	63.7	3	1	44.4	7	0
11	HI1544(C)	CZTS110	55.3	5	0	48.2	10	0	57.8	2	1	56.1	10	0	43.6	8	0
12	HI1636(I)(C)	CZTS102	56.8	3	0	45.8	12	0	54.2	7	1	61.0	7	1	39.1	12	0
13	GW513(I)(C)	CZTS109	50.7	10	0	57.2	1	1	56.3	4	1	54.6	12	0	43.3	9	0
G.M.			53.1			51.0			53.4			59.6			44.5		
S.E.(M)			1.465			1.162			2.216			2.445			1.446		
C.D. (10%)			3.5			2.8			5.3			5.8			3.5		
C.V.			5.5			4.6			8.3			8.2			6.5		
D.O.S.(dd.mm.yy)			14.11.21			10.11.21			15.11.21			10.11.21			08.11.21		

2141 - AVT-IR-TS-TAD-CZ , 2021-22  
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Chhattisgarh						Rajasthan								
			Jagdalpur			Ambikapur			Durgapura			Tabiji			Udaipur		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	HI1650*	CZTS103	42.7	10	0	52.7	1	1	59.2	3	1	50.6	5	0	54.3	6	0
2	MP3535*	CZTS107	39.3	13	0	33.1	13	0	52.8	13	0	41.3	13	0	42.8	13	0
3	MACS6768*	CZTS108	42.0	11	0	47.4	7	0	53.3	12	0	48.4	7	0	58.4	2	1
4	GW547	CZTS104	52.7	1	1	46.4	9	0	54.7	7	0	53.5	3	0	57.0	3	1
5	NWS2194	CZTS105	48.6	4	0	52.2	2	1	55.7	6	0	48.2	10	0	55.4	5	1
6	DBW352	CZTS106	52.0	2	1	44.6	11	0	57.5	5	0	46.0	12	0	51.2	10	0
7	DBW187(F)	CZTS111	46.0	5	0	51.6	4	1	61.5	1	1	56.4	2	0	54.1	8	0
8	DBW303(F)	CZTS112	48.7	3	0	45.6	10	0	60.8	2	1	48.3	9	0	54.3	7	0
9	DBW376(F)	CZTS113	45.1	6	0	52.2	2	1	58.0	4	1	60.5	1	1	47.6	12	0
10	GW322(C)	CZTS101	44.7	7	0	50.4	5	1	54.3	8	0	50.3	6	0	60.1	1	1
11	HI1544(C)	CZTS110	43.9	8	0	41.8	12	0	53.8	10	0	47.9	11	0	56.4	4	1
12	HI1636(I)(C)	CZTS102	39.5	12	0	50.4	6	1	54.2	9	0	48.4	7	0	47.9	11	0
13	GW513(I)(C)	CZTS109	43.7	9	0	46.4	8	0	53.6	11	0	52.2	4	0	52.7	9	0
G.M.			45.3			47.3			56.1			50.2			53.2		
S.E.(M)			1.457			2.147			1.599			1.220			1.979		
C.D. (10%)			3.5			5.1			3.8			2.9			4.7		
C.V.			6.4			9.1			5.7			4.9			7.4		
D.O.S.(dd.mm.yy)			08.11.21			09.11.21			05.11.21			14.11.21			13.11.21		

2141 - AVT-IR-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	HI1650*	CZTS103	62.0	8	0	55.4	6	1	45.9	8	0	54.7	5	0	55.6	7	0
2	MP3535*	CZTS107	51.0	13	0	45.9	13	0	37.1	13	0	45.6	13	0	45.8	13	0
3	MACS6768*	CZTS108	64.1	4	0	53.1	12	0	43.7	10	0	53.4	7	0	54.9	9	0
4	GW547	CZTS104	64.7	3	1	56.4	2	1	49.5	2	1	55.1	3	0	57.5	2	1
5	NWS2194	CZTS105	66.7	1	1	55.6	5	1	49.7	1	1	53.1	8	0	57.6	1	1
6	DBW352	CZTS106	59.4	11	0	53.1	11	0	48.4	3	1	51.5	11	0	53.9	11	0
7	DBW187(F)	CZTS111	61.7	9	0	57.3	1	1	47.7	4	1	57.3	1	1	56.9	3	1
8	DBW303(F)	CZTS112	63.2	5	0	56.1	3	1	47.5	5	1	54.5	6	0	56.4	5	0
9	DBW376(F)	CZTS113	61.5	10	0	55.7	4	1	47.4	6	0	55.4	2	1	55.9	6	0
10	GW322(C)	CZTS101	66.2	2	1	53.4	10	0	46.5	7	0	54.9	4	0	56.6	4	1
11	HI1544(C)	CZTS110	62.5	7	0	54.3	9	0	43.1	11	0	52.7	10	0	54.5	10	0
12	HI1636(I)(C)	CZTS102	59.3	12	0	54.4	8	0	43.0	12	0	50.2	12	0	52.9	12	0
13	GW513(I)(C)	CZTS109	63.2	6	0	54.7	7	0	44.5	9	0	52.8	9	0	55.1	8	0
G.M.			62.0			54.3			45.7			53.2			54.9		
S.E.(M)			0.899			0.948			0.990			0.941			0.478		
C.D. (10%)			2.1			2.2			2.3			2.2			1.1		

## Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial: AVT-IR-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	HI1650*	CZTS103	53-92	67	97-132	117	69-101	87	10	37-50	45
2	MP 3535*	CZTS107	48-91	61	90-129	112	53-99	72	5	39-50	44
3	MACS6768*	CZTS108	50-90	64	83-134	115	74-102	86	0	35-52	45
4	GW547	CZTS104	50-96	71	83-135	119	84-107	97	20	41-52	46
5	NWS2194	CZTS105	55-95	72	87-135	118	75-112	94	0	40-50	44
6	DBW 352	CZTS106	57-95	74	88-134	119	72-104	90	0	40-52	44
7	DBW187 (F)	CZTS111	54-94	71	84-130	117	71-112	96	20	40-53	47
8	DBW303 (F)	CZTS112	53-90	70	87-130	118	72-105	91	0	38-50	43
9	DBW376 (F)	CZTS113	55-94	71	89-135	118	75-113	97	5	40-51	48
10	GW322 (C)	CZTS101	51-94	70	93-134	118	76-103	90	0	37-53	44
11	HI1544 (C)	CZTS110	51-84	65	93-134	116	74-103	88	5	40-49	45
12	HI1636 (I)(C)	CZTS102	50-85	64	86-133	115	70-110	91	0	37-58	50
13	GW513 (I) (C)	CZTS109	50-83	65	88-135	116	66-106	92	0	42-53	47

1. Ancillary data from Amreli, Anand, Bilaspur, Durgapura, Indore, Jabalpur, Jagdalpur, Junagadh, ARS Kota, Mandor, Powarkheda, Raipur, Sagar, SK Nagar, Tabiji, Udaipur and Vijapur.
2. No disease reported from any centre.
3. Lodging data reported from Anand, Vijapur and SK Nagar centres only.