

SHZ-IVT-RI-TS/LS-TAS
Locationwise Mean Yield (q/ha)

SN	Variety	Code	Tamilnadu									Karnataka		
			Wellington-TS			Wellington-LS			Ooty			Mandhya		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	HW 5248	IVT-SZ-01	45.2	10	0	55.2	1	1	47.4	9	0	25.7	19	0
2.	HW 4206	IVT-SZ-02	54.4	2	1	54.2	2	1	56.1	2	1	31.4	7	0
3.	HW 4207	IVT-SZ-03	49.1	6	1	53.0	5	1	45.2	14	0	28.0	14	0
4.	HW 4501	IVT-SZ-05	37.0	20	0	38.2	20	0	38.2	19	0	24.0	20	0
5.	HW 3624-1	IVT-SZ-07	46.5	9	0	47.9	9	0	49.8	8	0	26.2	18	0
6.	HW 4305-2	IVT-SZ-08	40.0	18	0	41.2	17	0	43.3	16	0	30.9	9	0
7.	HW 3658	IVT-SZ-09	52.0	5	1	53.6	4	1	54.4	4	1	34.4	6	0
8.	HW 4205-2	IVT-SZ-10	40.5	16	0	41.3	16	0	42.1	18	0	29.3	12	0
9.	MACS 6670	IVT-SZ-11	53.9	3	1	49.9	7	1	51.2	6	1	36.9	3	1
10.	HW 5246	IVT-SZ-12	44.5	11	0	47.1	11	0	47.4	10	0	26.3	17	0
11.	HW 5245	IVT-SZ-14	48.0	8	1	49.3	8	1	51.7	5	1	35.5	4	0
12.	UAS 376	IVT-SZ-15	43.8	12	0	44.0	14	0	45.0	15	0	37.5	2	1
13.	NIAW 2613	IVT-SZ-16	48.2	7	1	47.6	10	0	50.3	7	1	30.6	11	0
14.	HS 609	IVT-SZ-17	43.6	13	0	45.6	12	0	45.6	12	0	29.0	13	0
15.	HS 610	IVT-SZ-18	40.1	17	0	40.3	18	0	42.9	17	0	30.7	10	0
16.	UAS 377	IVT-SZ-19	43.3	14	0	45.1	13	0	45.9	11	0	39.8	1	1
17.	HW 5247	IVT-SZ-20	54.6	1	1	53.7	3	1	56.8	1	1	30.9	8	0
18.	HW 2044 (C)	IVT-SZ-04	37.8	19	0	38.4	19	0	35.7	20	0	27.1	16	0
19.	HW 5216 (C)	IVT-SZ-06	40.8	15	0	43.8	15	0	45.5	13	0	28.0	15	0
20.	CoW (W) 1 (C)	IVT-SZ-13	52.0	4	1	52.6	6	1	55.3	3	1	34.4	5	0
G.M.			45.8			47.1			47.5			30.8		
S.E.(M)			2.969			2.809			2.812			1.768		
C.D. (10%)			7.0			6.6			6.7			4.2		
C.V.			13.0			11.9			11.8			11.5		
D.O.S. (d.m.y)			18.11.2014			15.12.2014			20.11.2014			14.11.2014		

Trials proposed & conducted = 7

Trials not reported (3) : Kenthorai (TF), Thiruvannmalai (TF), Paiyur (LSM, HCV)

SHZ-IVT-RI-TS/LS-TAS
Locationwise Mean Yield (q/ha)

SN	Variety	Code	Tamilnadu			Karnataka			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	HW 5248	IVT-SZ-01	49.3	7	0	25.7	19	0	43.4	10	0
2.	HW 4206	IVT-SZ-02	54.9	2	1	31.4	7	0	49.1	1	1
3.	HW 4207	IVT-SZ-03	49.1	8	0	28.0	14	0	43.8	8	0
4.	HW 4501	IVT-SZ-05	37.8	19	0	24.0	20	0	34.3	20	0
5.	HW 3624-1	IVT-SZ-07	48.0	10	0	26.2	18	0	42.6	11	0
6.	HW 4305-2	IVT-SZ-08	41.5	16	0	30.9	9	0	38.8	16	0
7.	HW 3658	IVT-SZ-09	53.3	3	1	34.4	6	0	48.6	3	1
8.	HW 4205-2	IVT-SZ-10	41.3	17	0	29.3	12	0	38.3	18	0
9.	MACS 6670	IVT-SZ-11	51.7	5	1	36.9	3	1	48.0	5	1
10.	HW 5246	IVT-SZ-12	46.3	11	0	26.3	17	0	41.3	13	0
11.	HW 5245	IVT-SZ-14	49.6	6	0	35.5	4	0	46.1	6	1
12.	UAS 376	IVT-SZ-15	44.3	14	0	37.5	2	1	42.6	12	0
13.	NIAW 2613	IVT-SZ-16	48.7	9	0	30.6	11	0	44.2	7	0
14.	HS 609	IVT-SZ-17	44.9	12	0	29.0	13	0	41.0	14	0
15.	HS 610	IVT-SZ-18	41.1	18	0	30.7	10	0	38.5	17	0
16.	UAS 377	IVT-SZ-19	44.8	13	0	39.8	1	1	43.5	9	0
17.	HW 5247	IVT-SZ-20	55.0	1	1	30.9	8	0	49.0	2	1
18.	HW 2044 (C)	IVT-SZ-04	37.3	20	0	27.1	16	0	34.7	19	0
19.	HW 5216 (C)	IVT-SZ-06	43.4	15	0	28.0	15	0	39.5	15	0
20.	CoW (W) 1(C)	IVT-SZ-13	53.3	4	1	34.4	5	0	48.6	4	1
G.M.			46.8			30.8			42.8		
C.D.			3.9			4.2			3.1		

South Hills Zone

Summary of Disease Data and Agronomic Characteristics

Trial: SHZ-IVT-RI-TS/LS-TAS, 2014-15

SN	Variety	Code	Rust Reaction		Agronomic Characteristics								Grain Characteristics			
			Br	BI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1.	HW 5248	IVT-SHZ-01	0	0	46-75	65	76-115	103	72-94	88	5	Ey	A	H	40-48	45
2.	HW 4206	IVT-SHZ-02	0	5MS	49-78	63	78-118	99	74-88	79	0	Ey	A	H	38-45	41
3.	HW 4207	IVT-SHZ-03	0	0	36-80	64	69-115	101	62-85	77	5	Ey	A	H	36-41	38
4.	HW 4501	IVT-SHZ-05	5MR	0	49-65	64	81-115	100	73-118	101	20	Ey	A	SH	35-46	42
5.	HW 3624-1	IVT-SHZ-07	0	0	50-76	66	82-115	104	71-90	82	5	Ey	A	H	33-44	39
6.	HW 4305-2	IVT-SHZ-08	0	0	51-74	66	83-110	103	70-80	74	5	Ey	A	H	36-48	44
7.	HW 3658	IVT-SHZ-09	0	0	43-74	64	72-112	100	68-92	85	5	Ey	A	H	38-43	41
8.	HW 4205-2	IVT-SHZ-10	0	0	38-74	61	69-112	97	63-90	82	0	Ey	A	H	38-42	40
9.	MACS 6670	IVT-SHZ-11	0	0	52-78	66	83-115	104	70-96	87	10	Ey	A	H	38-44	42
10.	HW 5246	IVT-SHZ-12	0	0	52-75	67	84-115	104	71-92	86	0	Ey	A	H	40-44	42
11.	HW 5245	IVT-SHZ-14	0	0	42-74	61	72-110	98	65-94	81	0	Ey	A	H	41-46	44
12.	UAS 376	IVT-SHZ-15	0	0	41-70	60	73-112	99	64-105	92	10	Ey	A	H	36-44	41
13.	NIAW 2613	IVT-SHZ-16	0	tR	43-75	64	74-112	101	65-98	88	10	Ey	A	H	34-41	39
14.	HS 609	IVT-SHZ-17	0	0	50-78	65	82-114	102	71-106	95	20	Ey	A	SH	42-46	44
15.	HS 610	IVT-SHZ-18	40S	10S	45-72	65	77-112	102	68-94	86	0	Ey	A	H	40-43	41
16.	UAS 373	IVT-SHZ-19	80S	5S	44-76	62	72-115	99	65-98	89	0	Ey	A	H	39-42	41
17.	HW 5247	IVT-SHZ-20	0	0	46-80	65	75-118	102	66-90	81	0	Ey	A	H	40-46	43
18.	HW 2044 (C)	IVT-SHZ-04	0	0	37-70	64	68-115	102	59-94	83	5	Ey	A	H	42-46	44
19.	HW 5216 (C)	IVT-SHZ-06	0	10MR	50-68	64	80-110	101	72-98	91	10	Ey	A	H	42-46	44
20.	CoW (W) 1 (C)	IVT-SHZ-13	0	0	44-82	68	77-116	104	67-104	89	10	Ey	A	SH	38-48	44

1. Ancillary data from Mandhya, Paiyur, Ooty and Wellington.
2. Brown rust data from Ooty and Wellington centre.
3. Black rust data from Ooty only.

IVT-RI-TS/LS-TAS, 2014-15
South Hills Zone
Individual Station Rust Data

SN	Variety	Code	Brown Rust		Black Rust
			Ooty	Wellington-TS/LS	Ooty
1.	HW 5248	IVT-SHZ-01	0	0	0
2.	HW 4206	IVT-SHZ-02	0	0	5MS
3.	HW 4207	IVT-SHZ-03	0	0	0
4.	HW 4501	IVT-SHZ-05	5MR	0	0
5.	HW 3624-1	IVT-SHZ-07	0	0	0
6.	HW 4305-2	IVT-SHZ-08	0	0	0
7.	HW 3658	IVT-SHZ-09	0	0	0
8.	HW 4205-2	IVT-SHZ-10	0	0	0
9.	MACS 6670	IVT-SHZ-11	0	0	0
10.	HW 5246	IVT-SHZ-12	0	0	0
11.	HW 5245	IVT-SHZ-14	0	0	0
12.	UAS 376	IVT-SHZ-15	0	0	0
13.	NIAW 2613	IVT-SHZ-16	0	0	TR
14.	HS 609	IVT-SHZ-17	0	0	0
15.	HS 610	IVT-SHZ-18	40S	20S	10S
16.	UAS 373	IVT-SHZ-19	80S	60S	5S
17.	HW 5247	IVT-SHZ-20	0	0	0
18.	HW 2044 (C)	IVT-SHZ-04	0	0	0
19.	HW 5216 (C)	IVT-SHZ-06	0	0	10MR
20.	CoW (W) 1 (C)	IVT-SHZ-13	0	0	0