

2012-AVT-IR-TS-TAS-NHZ, 2020-21
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	H.P.						UTK			J&K					
			Malan			Shimla			Bajaura			Almora			Khudwani		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	VL2041	NHTSZ 2002	38.9	5	0	39.1	2	1	55.1	2	1	75.8	1	1	40.0	2	0
2	HPW349(C)	NHTSZ 2001	44.6	4	0	32.7	3	0	55.1	1	1	60.3	5	0	45.7	1	1
3	VL907 (C)	NHTSZ 2003	54.3	3	1	31.9	4	0	50.7	4	0	61.3	4	0	39.2	4	0
4	HS507(C)	NHTSZ 2004	54.6	2	1	28.7	5	0	50.5	5	0	65.2	3	0	37.1	5	0
5	HS562(C)	NHTSZ 2005	58.0	1	1	39.8	1	1	53.2	3	1	65.4	2	0	39.9	3	0
G.M.			50.1			34.4			52.9			65.6			40.4		
S.E.(M)			2.137			1.296			0.849			1.922			1.089		
C.D. (10%)			5.2			3.1			2.1			4.7			2.6		
C.V.			10.4			9.2			3.9			7.2			6.6		
D.O.S.(dd.mm.yy)			09.11.20			11.11.20			10.11.20			10.11.20			02.11.20		

No. of Trials : Proposed = 7 Conducted = 7
Trials not reported (02) = Imphal (LS, LSM), Uiam (LSM, HCV)

2012-AVT-IR-TS-TAS-NHZ, 2020-21
STATE AND ZONAL MEANS (q/ha)

SN	Variety	Code	H.P.			UTK			J&K			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	VL2041	NHTSZ 2002	44.4	4	0	75.8	1	1	40.0	2	0	49.8	2	1
2	HPW349(C)	NHTSZ 2001	44.2	5	0	60.3	5	0	45.7	1	1	47.7	3	0
3	VL907 (C)	NHTSZ 2003	45.6	2	0	61.3	4	0	39.2	4	0	47.5	4	0
4	HS507(C)	NHTSZ 2004	44.6	3	0	65.2	3	0	37.1	5	0	47.2	5	0
5	HS562(C)	NHTSZ 2005	50.3	1	1	65.4	2	0	39.9	3	0	51.3	1	1
G.M.			45.8			65.6			40.4			48.7		
S.E.(M)			0.880			1.922			1.089			0.688		
C.D. (10%)			2.1			4.7			2.6			1.6		

Summary of Disease Data and Agronomic Characteristics

Northern Hills Zone

Trial: AVT-IR-TS-TAS-NHZ 2020-21

SN	Variety	Code	Disease Reactions				Agronomic Characteristics						Grain Characteristics				
			YI	ACI	PM	LS (%)	Hd. R	Hd. M	Mat. R	Mat. M	Ht. R	Ht. M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	VL2041	NHTSZ2002	15S	6.7	1	3	121-133	129	172-185	178	100-118	111	Ey	A	SH	43-49	45
2	HPW349 (C)	NHTSZ2001	10S	9.3	3	0	112-137	127	168-190	177	88-106	98	Ey	A	SH	42-45	44
3	VL907 (C)	NHTSZ2003	10S	7.7	5	0	117-137	128	171-191	179	93-112	103	Ey	A	SH	41-46	44
4	HS507 (C)	NHTSZ2004	20S	11.7	5	0	118-133	128	172-189	177	90-103	99	Ey	A	SH-H	40-46	44
5	HS562 (C)	NHTSZ2005	40S	36.7	5	0	119-135	129	173-189	179	88-105	99	Ey	A	SH	42-51	46

1. Ancillary data from Almora, Bajaura, Malan, Shimla.
2. Yellow rust data from Almora, Bajaura and Malan.
3. PM data from Almora and Loose smut data from Malan.

Individual Location Yellow Rust Data

SN	Variety	Code	Almora	Bajaura	Malan
1	VL2041	NHTSZ2002	5S	15S	0
2	HPW349 (C)	NHTSZ2001	10S	10MS	10S
3	VL907 (C)	NHTSZ2003	5S	10MS	10S
4	HS507 (C)	NHTSZ2004	5S	20S	10S
5	HS562 (C)	NHTSZ2005	30S	40S	40S