

**2112-AVT-RF-TS-TAS-NHZ, 2021-22
LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	H.P.						UTK								
			Malan			Shimla			Bajaura			Almora		Gaja			
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	VL2041 ^{Q*}	NHRF108	25.7	7	0	27.8	3	0	28.9	7	0	40.7	6	0	24.7	8	0
2	VL2043	NHRF101	33.5	3	1	16.9	8	0	32.5	4	0	50.3	1	1	26.2	6	0
3	VL2044	NHRF103	34.5	1	1	21.3	6	0	31.7	5	0	48.6	2	1	29.5	4	0
4	HD3402	NHRF106	26.6	6	0	18.5	7	0	40.0	1	1	36.0	8	0	36.7	2	1
5	HS562(C)	NHRF102	27.0	5	0	33.4	1	1	34.1	3	0	45.6	3	0	39.1	1	1
6	HPW349(C)	NHRF104	25.4	8	0	27.3	4	0	29.1	6	0	45.2	4	0	28.4	5	0
7	HS507(C)	NHRF105	34.2	2	1	23.6	5	0	27.6	8	0	44.7	5	0	24.7	7	0
8	VL907(C)	NHRF107	30.7	4	0	32.1	2	1	34.4	2	0	39.6	7	0	32.8	3	0
G.M.			29.7			25.1			32.3			43.8			30.3		
S.E.(M)			0.804			0.639			1.927			1.168			1.558		
C.D. (10%)			1.9			1.5			4.6			2.8			3.7		
C.V.			6.6			6.2			14.6			6.5			12.6		
D.O.S(dd.mm.yy)			23.10.21			16.10.21			22.10.21			16.10.21			27.10.21		

No. of Trials : Proposed = 09 Conducted = 09
Trials not reported (01) = Majhera (LSM)

**2112-AVT-RF-TS-TAS-NHZ, 2021-22
LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	J&K				Manipur				
			Khudwani		Wadura		Imphal				
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	VL2041 ^{Q*}	NHRF108	29.5	8	0	32.8	2	1	24.2	4	0
2	VL2043	NHRF101	52.7	1	1	28.4	7	0	21.5	6	0
3	VL2044	NHRF103	36.0	6	0	29.7	6	1	22.5	5	0
4	HD3402	NHRF106	51.3	2	1	33.1	1	1	18.9	8	0
5	HS562(C)	NHRF102	51.0	3	1	27.3	8	0	31.1	1	1
6	HPW349(C)	NHRF104	37.2	5	0	31.9	3	1	21.3	7	0
7	HS507(C)	NHRF105	38.0	4	0	31.0	4	1	28.9	2	1
8	VL907(C)	NHRF107	31.7	7	0	30.0	5	1	24.6	3	0
G.M.			40.9			30.5			24.1		
S.E.(M)			1.520			1.603			1.210		
C.D. (10%)			3.6			3.8			2.9		
C.V.			9.1			12.9			12.3		
D.O.S(dd.mm.yy)			16.10.21			16.10.21			31.10.21		

**2112-AVT-RF-TS-TAS-NHZ, 2021-22
STATE AND ZONAL MEANS (q/ha)**

SN	Variety	Code	H.P.	UTK	J&K	Manipur	Zonal										
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G			
1	VL2041 ^{Q*}	NHRF108	27.5	7	0	32.7	8	0	31.2	7	0	24.2	4	0	29.3	8	0
2	VL2043	NHRF101	27.6	6	0	38.3	3	0	40.6	2	1	21.5	6	0	32.7	2	0
3	VL2044	NHRF103	29.2	3	0	39.1	2	0	32.8	6	0	22.5	5	0	31.7	5	0
4	HD3402	NHRF106	28.4	5	0	36.3	5	0	42.2	1	1	18.9	8	0	32.6	3	0
5	HS562(C)	NHRF102	31.5	2	1	42.4	1	1	39.1	3	0	31.1	1	1	36.1	1	1
6	HPW349(C)	NHRF104	27.3	8	0	36.8	4	0	34.5	4	0	21.3	7	0	30.7	7	0
7	HS507(C)	NHRF105	28.5	4	0	34.7	7	0	34.5	5	0	28.9	2	1	31.6	6	0
8	VL907(C)	NHRF107	32.4	1	1	36.2	6	0	30.8	8	0	24.6	3	0	32.0	4	0
G.M.			29.0			37.0			35.7			24.1			32.1		
S.E.(M)			0.728			0.973			1.105			1.210			0.483		
C.D. (10%)			1.7			2.3			2.6			2.9			1.1		

Summary of Disease Data and Agronomic Characteristics

Northern Hills Zone

Trial: AVT-RF-TS-TAS-NHZ, 2021-22

SN	Variety	Code	Disease Reaction			Agronomic Characteristics							
			YI	ACI	Br	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	TGW.R	TGW.M
1	VL2041 ^{Q*}	NHRF108	5S	1.8	20S	110-191	142	140-235	189	71-123	100	33-54	43
2	VL2043	NHRF101	5S	2.8	10S	94-184	130	132-229	184	78-115	95	38-61	46
3	VL2044	NHRF103	10R	0.5	0	99-181	133	138-233	185	68-118	93	41-55	48
4	HD3402	NHRF106	5R	0.3	0	89-184	128	131-242	186	68-120	93	27-46	40
5	HS562(C)	NHRF102	10S	6.8	0	99-188	137	135-231	187	67-116	93	35-48	42
6	HPW349(C)	NHRF104	5S	3.0	5S	94-185	134	134-232	185	73-118	95	30-46	39
7	HS507(C)	NHRF105	20S	8.0	20S	98-190	138	132-232	187	71-113	94	31-42	38
8	VL907(C)	NHRF107	20S	5.5	tS	99-183	134	138-232	186	69-116	94	33-50	42

1. Ancillary data from Almora, Bajaura, Khudwani, Majhera, Malan, Gaja, Shimla, Imphal and Wadura.

2. Yellow rust data from Bajaura, Khudwani, Malan and Almora; 3. Brown rust data from Almora

Individual Station Yellow Rust Data

SN	Variety	Code	Yellow rust			
			Malan	Khudwani	Bajaura	Almora
1	VL2041 ^{Q*}	NHRF108	5S	5MR	0	0
2	VL2043	NHRF101	0	5R	5S	5S
3	VL2044	NHRF103	0	10R	0	0
4	HD3402	NHRF106	0	5R	0	0
5	HS562(C)	NHRF102	10S	10R	10S	5S
6	HPW349(C)	NHRF104	0	5MR	5S	5S
7	HS507(C)	NHRF105	20S	10R	0	10S
8	VL907(C)	NHRF107	0	5MR	20S	0