2212-AVT-RF-TS-TAS-NHZ, 2022-23

LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	H.P.												UTK			J&K					
			Malan			Shimla			Bajaura			Majhera			Khudwani			Wadura					
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G			
1	VL3028	NHRF103	30.1	6	0	30.8	5	0	33.3	5	0	32.1	4	0	41.6	4	1	41.8	2	1			
2	HPW484	NHRF104	39.7	1	1	34.9	2	1	30.4	6	0	33.9	2	1	41.0	5	1	41.2	3	1			
3	HS691	NHRF106	38.8	2	1	36.3	1	1	28.4	8	0	28.0	7	0	38.7	7	0	24.4	9	0			
4	HS692	NHRF108	23.4	9	0	26.1	7	0	36.8	2	1	28.3	5	0	44.8	2	1	37.3	6	0			
5	VL907(C)	NHRF101	34.4	5	0	29.7	6	0	37.5	1	1	28.3	6	0	44.4	3	1	29.9	7	0			
6	HPW349(C)	NHRF105	25.0	7	0	26.1	8	0	27.8	9	0	26.5	8	0	37.3	8	0	42.0	1	1			
7	VL892(C)	NHRF107	23.5	8	0	24.1	9	0	29.9	7	0	25.0	9	0	37.0	9	0	27.8	8	0			
8	HS562(C)	NHRF109	36.0	4	0	32.3	4	0	36.1	3	1	33.9	2	1	44.9	1	1	37.7	5	0			
9	VL2041(I)(C)	NHRF102	36.2	3	0	34.6	3	1	34.4	4	0	35.4	1	1	38.9	6	0	39.7	4	1			
G.M.			31.9			30.5			32.7			30.2			40.9			35.7					
S.E.(M)			1.205			1.173			0.995			0.678			1.852			1.040					
C.D. (10%)			2.9			2.8			2.4			1.6			4.4			2.5					
C.V.			9.3			9.4			7.4			5.5			11.1			7.1					
D.O.S.(dd.mm.yy)			26.10.22			26.10.22			29.10.22			01.11.22			23.10.22			20.10.22					

No. of Trials : Proposed = 09 Conducted = 09

Trials not reported (03) = Almora (LSM), Gaja (LSM), Imphal (LSM)

2212-AVT-RF-TS-TAS-NHZ, 2022-23

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	VL3028	NHRF103	31.4	6	0	32.1	4	0	41.7	1	1	35.0	4	0
2	HPW484	NHRF104	35.0	2	1	33.9	2	1	41.1	3	1	36.9	1	1
3	HS691	NHRF106	34.5	4	1	28.0	7	0	31.5	9	0	32.4	7	0
4	HS692	NHRF108	28.8	7	0	28.3	5	0	41.0	4	1	32.8	6	0
5	VL907(C)	NHRF101	33.8	5	1	28.3	6	0	37.1	7	0	34.0	5	0
6	HPW349(C)	NHRF105	26.3	8	0	26.5	8	0	39.7	5	1	30.8	8	0
7	VL892(C)	NHRF107	25.8	9	0	25.0	9	0	32.4	8	0	27.9	9	0
8	HS562(C)	NHRF109	34.8	3	1	33.9	2	1	41.3	2	1	36.8	2	1
9	VL2041(I)(C)	NHRF102	35.1	1	1	35.4	1	1	39.3	6	1	36.5	3	1
G.M.			31.7			30.2			38.3			33.7		
S.E.(M)			0.651			0.678			1.062			0.494		
C.D. (10%)			1.5			1.6			2.5			1.1		

Summary of Disease Data and Agronomic Characteristics

Northern Hills Zone **Trial: AVT-RF-TS-TAS-NHZ, 2022-23**

SN	Variety	Code	Disease Reaction				Agronomic Characteristics						Grain Characteristics	
			Yl	ACl	Br	PM	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	TGW.R	TGW.M
1	VL3028	NHRF103	80S	32.5	0	2	112-176	139	176-238	198	64-134	98	45-58	51.7
2	HPW484	NHRF104	80S	40.8	0	3	113-178	139	177-237	197	73-133	98	54-61	56.5
3	HS691	NHRF106	80S	29.3	0	6	119-182	147	181-241	201	81-141	108	44-58	49.6
4	HS692	NHRF108	40S	21.3	0	3	89-180	133	173-240	199	70-132	101	43-55	49.6
5	VL907(C)	NHRF101	80S	35.0	20S	2	110-180	142	178-240	199	72-115	97	42-52	47.0
6	HPW349(C)	NHRF105	80S	43.8	5S	5	114-180	141	179-240	198	60-135	94	38-57	46.5
7	VL892(C)	NHRF107	80S	36.3	10S	3	85-178	132	174-238	196	54-132	95	41-59	47.6
8	HS562(C)	NHRF109	80S	37.5	20S	2	117-179	144	180-239	200	72-138	99	45-61	51.0
9	VL2041(I)(C)	NHRF102	70S	20.5	10S	2	119-181	147	182-241	203	77-142	108	45-55	50.5

1. Ancillary data from Bajaura, Khudwani, Majhera, Malan, Shimla and Wadura.
2. Yellow rust data from Khudwani, Malan, Shimla and Wadura;
3. Brown rust& powdery mildew data from Malan

Individual Station Rust Data

SN	Variety	Code	Yellow rust				Brown rust
			Khudwani	Malan	Shimla	Wadura	Malan
1	VL3028	NHRF103	40S	5S	5S	80S	0
2	HPW484	NHRF104	80S	30S	5S	60MS	0
3	HS691	NHRF106	40MS	5S	0	80S	0
4	HS692	NHRF108	40S	5S	0	50MS	0
5	VL907(C)	NHRF101	40S	20S	0	80S	20S
6	HPW349(C)	NHRF105	80S	10S	5S	80S	5S
7	VL892(C)	NHRF107	60S	5S	0	80S	10S
8	HS562(C)	NHRF109	60S	10S	0	80S	20S
9	VL2041(I)(C)	NHRF102	10MR	10S	0	70S	10S