

2113-IVT/AVT-RI-LS-TAS-NHZ, 2021-22
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	H.P.			UTK			Manipur											
			Malan			Bajaura			Almora			Majhera			Gaja			Imphal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	HPW487	NHLS202	26.1	1	1	30.4	10	0	20.0	10	0	20.2	3	1	26.1	8	0	18.7	6	0
2	HS694	NHLS203	19.5	10	0	44.6	1	1	24.0	2	1	17.8	8	0	26.6	6	0	17.6	11	0
3	HS692	NHLS205	24.5	5	1	42.8	2	1	23.8	3	1	20.5	2	1	26.4	7	0	21.9	4	0
4	HS693	NHLS206	19.8	9	0	38.0	6	1	20.1	9	0	19.2	4	0	24.4	12	0	18.2	9	0
5	VL3029	NHLS207	18.7	11	0	36.9	7	0	23.4	5	1	17.2	9	0	31.3	3	0	20.1	5	0
6	UP3114	NHLS208	18.1	12	0	31.5	9	0	21.7	7	0	16.7	11	0	34.3	2	1	17.0	12	0
7	VL3030	NHLS209	22.7	8	1	29.4	11	0	19.8	11	0	18.4	7	0	25.8	9	0	17.8	10	0
8	HPW488	NHLS210	24.1	6	1	41.6	3	1	22.9	6	1	18.5	6	0	25.8	10	0	24.8	2	1
9	VL3028	NHLS211	25.1	2	1	38.9	4	1	21.1	8	0	16.1	12	0	36.0	1	1	24.7	3	1
10	HPW481	NHLS212	24.9	3	1	36.1	8	0	24.0	1	1	18.6	5	0	28.6	5	0	25.1	1	1
11	VL892(C)	NHLS201	22.8	7	1	38.4	5	1	23.5	4	1	21.8	1	1	25.6	11	0	18.5	7	0
12	HS490(C)	NHLS204	24.7	4	1	24.5	12	0	19.6	12	0	16.7	10	0	29.8	4	0	18.2	8	0
G.M.			22.6			36.1			22.0			18.5			28.4			20.2		
S.E.(M)			1.591			2.952			0.800			0.960			1.640			0.596		
C.D. (10%)			3.8			7.1			1.9			2.3			3.9			1.4		
C.V.			14.1			16.4			7.3			10.4			11.6			5.9		
D.O.S.(dd.mm.yy)			06.12.21			10.12.21			14.12.21			09.12.21			03.12.21			05.12.21		

No. of Trials : Proposed = 07 Conducted = 07
Trials not reported (01) = Shimla (LSM)

2113-IVT/AVT-RI-LS-TAS-NHZ, 2021-22
STATE AND ZONAL MEANS (q/ha)

SN	Variety	Code	H.P.			UTK			Manipur			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	HPW487	NHLS202	28.3	8	0	22.1	9	0	18.7	6	0	23.6	8	0
2	HS694	NHLS203	32.0	4	1	22.8	7	0	17.6	11	0	25.0	6	0
3	HS692	NHLS205	33.6	1	1	23.6	6	1	21.9	4	0	26.6	2	1
4	HS693	NHLS206	28.9	7	0	21.2	12	0	18.2	9	0	23.3	9	0
5	VL3029	NHLS207	27.8	9	0	24.0	3	1	20.1	5	0	24.6	7	0
6	UP3114	NHLS208	24.8	11	0	24.2	2	1	17.0	12	0	23.2	10	0
7	VL3030	NHLS209	26.0	10	0	21.3	11	0	17.8	10	0	22.3	11	0
8	HPW488	NHLS210	32.9	2	1	22.4	8	0	24.8	2	1	26.3	3	1
9	VL3028	NHLS211	32.0	3	1	24.4	1	1	24.7	3	1	27.0	1	1
10	HPW481	NHLS212	30.5	6	1	23.8	4	1	25.1	1	1	26.2	4	1
11	VL892(C)	NHLS201	30.6	5	1	23.6	5	1	18.5	7	0	25.1	5	0
12	HS490(C)	NHLS204	24.6	12	0	22.0	10	0	18.2	8	0	22.3	12	0
G.M.			29.3			23.0			20.2			24.6		
S.E.(M)			1.677			0.687			0.596			0.664		
C.D. (10%)			4.0			1.6			1.4			1.5		

Summary of Disease Data and Agronomic Characteristics

Northern Hills Zone

Trial: IVT/AVT-RI-LS-TAS-NHZ, 2021-22

SN	Variety	Code	Disease Reaction				Agronomic Characteristics							
			Br	YI	ACI	PM	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	TGW.R	TGW.M
1	HPW487	NHLS202	0	0	0.0	0	80-126	107	116-170	147	76-102	86	36-53	42
2	HS694	NHLS203	tS	0	0.0	0	82-128	109	117-177	149	72-105	85	29-43	35
3	HS692	NHLS205	0	10S	5.0	5	80-128	108	116-175	149	79-107	90	34-46	38
4	HS693	NHLS206	tS	0	0.0	3	82-125	109	120-175	150	67-89	80	32-46	37
5	VL3029	NHLS207	tS	0	0.0	0	81-124	106	117-173	148	74-90	83	31-47	38
6	UP3114	NHLS208	tS	40S	21.7	3	82-129	109	119-175	149	59-77	72	32-45	37
7	VL3030	NHLS209	0	20S	16.7	0	78-130	108	114-179	149	65-86	76	35-47	40
8	HPW488	NHLS210	tS	40S	16.7	0	82-128	107	119-175	147	70-84	78	31-51	39
9	VL3028	NHLS211	tS	5MS	1.3	0	83-129	109	120-176	149	78-92	84	36-50	40
10	HPW481	NHLS212	0	5S	1.7	0	80-128	107	115-173	147	74-102	86	37-51	41
11	VL892(C)	NHLS201	0	5S	1.7	0	79-121	105	115-171	146	76-94	85	29-44	36
12	HS490(C)	NHLS204	0	0	0.0	0	80-129	109	116-173	149	76-90	84	36-50	41

1. Ancillary data from Almora, Bajaura, Imphal, Majhera, Malan, Gaja and Shimla.
2. Yellow rust data from Almora, Bajaura and Malan; 3. Brown rust data from Almora; 4. Powdery mildew data from Gaja.

Individual Station Yellow Rust Data

SN	Variety	Code	Yellow Rust		
			Almora	Bajaura	Malan
1	HPW487	NHLS202	0	0	0
2	HS694	NHLS203	0	0	0
3	HS692	NHLS205	5S	10S	0
4	HS693	NHLS206	0	0	0
5	VL3029	NHLS207	0	0	0
6	UP3114	NHLS208	20S	40S	5S
7	VL3030	NHLS209	5S	20S	5S
8	HPW488	NHLS210	10S	40S	0
9	VL3028	NHLS211	0	5MS	0
10	HPW481	NHLS212	0	5S	0
11	VL892(C)	NHLS201	0	5S	0
12	HS490(C)	NHLS204	0	0	0