

2014-IVT-RI-LS-TAS-NHZ, 2020-21  
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	H.P.												Manipur			J&K		
			Shimla			Malan			Bajaura			Dhaulakuan			CAU-Imphal			Khudwani		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	HS685	NHLSZ2001	19.5	6	0	25.3	8	0	33.6	9	0	19.0	9	0	17.5	9	0	30.1	1	1
2	UP3093	NHLSZ2002	18.3	8	0	29.3	5	0	37.8	5	0	25.9	5	0	17.4	10	0	26.9	6	1
3	VL3026	NHLSZ2003	18.2	9	0	25.1	9	0	35.9	7	1	27.4	3	0	18.1	8	0	23.7	9	0
4	HPW481	NHLSZ2004	28.3	1	1	32.3	2	1	46.9	1	0	23.8	7	0	25.3	1	1	29.7	2	1
5	HPW480	NHLSZ2005	23.5	5	0	31.6	3	1	38.1	4	0	25.8	6	0	22.5	4	0	29.1	3	1
6	HS686	NHLSZ2006	17.5	10	0	26.4	7	0	32.8	10	1	14.4	11	0	20.9	6	0	27.7	5	1
7	VL3027	NHLSZ2007	24.8	4	0	25.1	10	0	43.2	2	0	23.4	8	0	21.3	5	0	22.1	11	0
8	HS687	NHLSZ2009	27.1	3	1	29.9	4	1	32.3	11	1	27.1	4	0	15.2	11	0	23.5	10	0
9	VL3025	NHLSZ2010	15.8	11	0	23.7	11	0	43.0	3	0	31.7	1	1	18.4	7	0	28.8	4	1
10	VL892(C)	NHLSZ2008	19.3	7	0	26.6	6	0	34.8	8	0	28.3	2	0	24.1	3	1	23.8	8	0
11	HS490(C)	NHLSZ2011	27.1	2	1	33.2	1	1	37.6	6		19.0	9	0	24.3	2	1	23.9	7	0
G.M.			21.8			28.0			37.8			24.2			20.5			26.3		
S.E.(M)			1.189			1.541			2.262			0.816			1.056			1.381		
C.D. (10%)			2.9			3.7			5.4			2.0			2.5			3.3		
C.V.			10.9			11.0			12.0			6.7			10.3			10.5		
D.O.S.(dd.mm.yy)			01.12.20			01.12.20			11.12.20			08.12.20			03.12.20			01.12.20		

No. of Trials : Proposed = 10 Conducted = 10  
Trials not Reported (04) = Ranichauri (RMT), Almora (LSM), Umiam (LSM, HCV), Majhera (LSM)

2014-IVT-RI-LS-TAS-NHZ, 2020-21  
STATE AND ZONAL MEANS (q/ha)

SN	Variety	Code	H.P.			Manipur			J&K			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	HS685	NHLSZ2001	24.3	10	0	17.5	9	0	30.1	1	1	24.2	10	0
2	UP3093	NHLSZ2002	27.8	7	0	17.4	10	0	26.9	6	1	25.9	7	0
3	VL3026	NHLSZ2003	26.7	9	0	18.1	8	0	23.7	9	0	24.8	9	0
4	HPW481	NHLSZ2004	32.8	1	1	25.3	1	1	29.7	2	1	31.1	1	1
5	HPW480	NHLSZ2005	29.8	2	0	22.5	4	0	29.1	3	1	28.4	2	0
6	HS686	NHLSZ2006	22.8	11	0	20.9	6	0	27.7	5	1	23.3	11	0
7	VL3027	NHLSZ2007	29.1	4	0	21.3	5	0	22.1	11	0	26.6	5	0
8	HS687	NHLSZ2009	29.1	5	0	15.2	11	0	23.5	10	0	25.9	8	0
9	VL3025	NHLSZ2010	28.5	6	0	18.4	7	0	28.8	4	1	26.9	4	0
10	VL892(C)	NHLSZ2008	27.2	8	0	24.1	3	1	23.8	8	0	26.2	6	0
11	HS490(C)	NHLSZ2011	29.2	3	0	24.3	2	1	23.9	7	0	27.5	3	0
G.M.			27.9			20.5			26.3			26.4		
S.E.(M)			0.773			1.056			1.381			0.591		
C.D. (10%)			1.8			2.5			3.3			1.4		

## Summary of Disease Data and Agronomic Characteristics

Northern Hills Zone

Trial: IVT-RI-LS-TAS-NHZ 2020-21

SN	Variety	Code	Yellow Rust	Agronomic Characteristics							Grain Characteristics			
			HS	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	HS685	NHLSZ2001	10MR	84-176	113	123-205	155	71-103	84	Ey	A	SH	27-45	39
2	UP3093	NHLSZ2002	10S	86-173	113	120-203	156	70-97	82	Ey	A	SH	32-60	45
3	VL3026	NHLSZ2003	5S	79-172	109	122-202	152	72-106	88	Ey	A	SH	34-50	46
4	HPW481	NHLSZ2004	20MS	82-175	110	116-204	151	66-111	95	Ey	A	SH	33-64	51
5	HPW480	NHLSZ2005	60S*	86-173	115	117-201	155	74-108	87	Ey	A	SH	39-60	46
6	HS686	NHLSZ2006	20MS	84-173	113	115-202	153	65-106	83	Ey	A	SH-H	27-55	43
7	VL3027	NHLSZ2007	10S	85-174	111	118-204	153	75-105	86	Ey	A	SH	32-64	47
8	HS687	NHLSZ2009	40S	85-177	116	120-203	155	63-111	85	Ey	A	SH-H	28-50	43
9	VL3025	NHLSZ2010	20MR	79-175	109	119-201	151	78-107	87	Ey	A	SH-H	35-52	47
10	VL892 (C)	NHLSZ2008	40S	79-174	109	116-202	151	80-108	87	Ey	A	SH	33-55	44
11	HS490 (C)	NHLSZ2011	80S*	87-175	114	121-202	155	68-108	91	Ey	A	So	34-57	47

1. Ancillary data Bajaura, Dhaulakuan, Imphal, Khudwani, Malan, Shimla

2. Yellow rust data from Bajaura and Khudwani.

### Individual Location Disease Data

SN	Variety	Code	Yellow rust	
			Bajaura	Khudwani
1	HS685	NHLSZ2001	0	10MR
2	UP3093	NHLSZ2002	10S	20MR
3	VL3026	NHLSZ2003	5S	20MR
4	HPW481	NHLSZ2004	0	20MS
5	HPW480	NHLSZ2005	0	60S
6	HS686	NHLSZ2006	0	20MS
7	VL3027	NHLSZ2007	10S	5R
8	HS687	NHLSZ2009	20S	40S
9	VL3025	NHLSZ2010	5MS	20MR
10	VL892 (C)	NHLSZ2008	10S	40S
11	HS490 (C)	NHLSZ2011	0	80S