

1502-SPL-TCL-RF-TS-NHZ, 2015-16
Locationwise and Zonal Mean Yield (q/ha)

SN	Variety	Code	HP				Uttarakhand	J & K	Zonal
			Malan	Shimla	Akrot	Bajaura	Majhera	Khudwani	
			Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G
1.	TL 3009	SPL-TCL-101	20.3 6 0	24.9 5 0	19.7 8 0	25.9 5 0	14.9 8 0	35.6 3 0	23.5 6 0
2.	TL 3008	SPL-TCL-102	17.8 8 0	20.6 7 0	24.5 6 0	22.1 8 0	18.7 4 0	33.5 4 0	22.9 7 0
3.	TL 3010	SPL-TCL-104	24.1 2 1	21.8 6 0	31.9 2 1	25.4 6 0	17.5 5 0	25.9 6 0	24.4 5 0
4.	TL 3006	SPL-TCL-106	17.8 7 0	19.6 8 0	23.8 7 0	22.3 7 0	15.0 7 0	24.8 8 0	20.5 8 0
5.	TL 3007	SPL-TCL-107	22.3 4 1	34.1 3 1	28.5 3 0	33.8 1 1	19.7 3 0	27.0 5 0	27.6 3 0
6.	TL 2969 (C)	SPL-TCL-103	24.7 1 1	35.6 1 1	28.3 4 0	29.7 2 0	22.4 2 1	46.8 1 1	31.3 1 1
7.	TL 2942 (C)	SPL-TCL-105	23.3 3 1	35.3 2 1	33.2 1 1	28.8 3 0	15.9 6 0	39.5 2 0	29.4 2 0
8.	HS 507 (aest.)(C)	SPL-TCL-108	21.8 5 0	32.8 4 1	26.6 5 0	28.4 4 0	24.1 1 1	25.5 7 0	26.5 4 0
G.M.			21.5	28.1	27.1	27.0	18.5	32.3	25.8
S.E.(M)			0.932	1.424	0.810	0.731	1.438	0.254	0.416
C.D.			2.7	4.2	2.4	2.1	4.2	0.7	1.2
C.V.			8.7	10.1	6.0	5.4	15.5	1.6	
D.O.S. (d.m.y)			31.10.2015	31.10.2015	31.10.2015	29.10.2015	29.10.2015	31.10.2015	

Trials proposed = 12

Trials not conducted (5) = Berthin, Chamba, Almora, Ranichauri & Wadura

Trial not reported (1) = Dhaulakuan (LSM)

Summary of Disease Data and Agronomic Characteristics

Northern Hills Zone

Trial: SPL-TCL-RF-TS-NHZ, 2015-16

SN	Variety	Code	Disease Reactions			Agronomic Characteristics							Grain Characteristics			
			YI	Br	PM	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Thres.	Text.	Col.	TGW.R	TGW.M
1.	TL 3009	SPL-TCL-101	0	0	9	73-158	111	155-221	174	62-106	87	Ey	SH	A	30-52	42
2.	TL 3008	SPL-TCL-102	0	tS	9	70-160	109	142-223	172	59-109	88	Ey	SH	A	28-50	41
3.	TL 3010	SPL-TCL-104	0	0	8	78-161	107	134-223	172	72-101	91	Ey	SH	A	30-51	39
4.	TL 3006	SPL-TCL-106	0	0	9	71-157	108	152-223	174	58-110	89	Ey	SH	A	35-49	44
5.	TL 3007	SPL-TCL-107	0	0	9	82-164	115	142-222	175	61-103	89	Ey	SH	A	26-60	46
6.	TL 2969 (C)	SPL-TCL-103	0	0	9	85-171	114	142-227	175	65-114	98	Ey-M	SH	A	31-49	39
7.	TL 2942 (C)	SPL-TCL-105	0	0	7	90-171	118	145-226	174	62-111	94	Ey-M	SH	A	29-45	42
8.	HS 507(aest.)(C)	SPL-TCL-108	15S	0	9	94-178	127	154-223	179	69-102	89	Ey	SH	A	34-48	43

1. Ancillary data from Akrot, Bajaura, Dhaulakuan, Malan, Shimla, Khudwani and Majhera.
2. Yellow rust data from Bajaura and Shimla centres, brown rust data from Malan.
3. Powdery mildew data from Akrot and Malan centres.

Individual Station Rust Data

SN	Variety	Code	YI		Br
			Bajaura	Shimla	Malan
1.	TL 3009	SPL-TCL-101	0	0	0
2.	TL 3008	SPL-TCL-102	0	0	tS
3.	TL 3010	SPL-TCL-104	0	0	0
4.	TL 3006	SPL-TCL-106	0	0	0
5.	TL 3007	SPL-TCL-107	0	0	0
6.	TL 2969 (C)	SPL-TCL-103	0	0	0
7.	TL 2942 (C)	SPL-TCL-105	0	0	0
8.	HS 507(aest.)(C)	SPL-TCL-108	15S	10S	0