

SPL-VLS-TAS-NWPZ/NEPZ, 2014-15
Locationwise Mean Yield (q/ha)

SN	Variety	Code	NWPZ														
			Haryana						Punjab						Uttar Pradesh		
			Karnal			Hisar			Ludhiana			Gurdaspur			Modipuram		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	DBW 186	SPL-VLS-03	27.7	2	1	42.1	1	1	34.7	6	0	33.7	5	0	19.2	9	0
2.	WH 1197	SPL-VLS-05	24.6	5	0	38.3	7	0	41.8	2	1	34.1	4	0	20.3	7	0
3.	PBW 742	SPL-VLS-06	23.0	8	0	38.6	6	0	33.4	7	0	33.4	6	0	25.2	6	0
4.	PBW 741	SPL-VLS-07	24.9	4	1	37.3	9	0	42.7	1	1	31.6	7	0	26.0	5	1
5.	PBW 740	SPL-VLS-08	28.5	1	1	41.0	3	1	39.1	4	1	37.0	3	0	26.9	3	1
6.	WH 1196	SPL-VLS-09	17.3	9	0	38.1	8	0	35.3	5	0	29.1	9	0	26.7	4	1
7.	DBW 14 (C)	SPL-VLS-01	25.2	3	1	41.0	4	1	28.5	9	0	43.6	1	1	28.7	2	1
8.	DBW 71 (C)	SPL-VLS-02	24.3	6	0	41.5	2	1	41.7	3	1	37.1	2	0	29.1	1	1
9.	WR 544 (C)	SPL-VLS-04	23.4	7	0	40.4	5	1	28.9	8	0	29.5	8	0	19.5	8	0
G.M.			24.3			39.8			36.2			34.3			24.6		
S.E.(M)			1.261			0.927			1.736			1.735			1.173		
C.D.			3.7			2.7			5.1			5.1			3.4		
C.V.			10.4			4.7			9.6			10.1			9.5		
D.O.S. (d.m.y)			15.1.2015			14.1.2015			5.1.2015			2.1.2015			8.1.2015		

Trials proposed & conducted : 14

Trial not reported (5) : Nagina (RMT), Kashipur (LSM), Varanasi (LSM), Sabour (LSM), Pusa (LSM)

SPL-VLS-TAS-NWPZ/NEPZ, 2014-15
Locationwise Mean Yield (q/ha)

SN	Variety	Code	NEPZ											
			Uttar Pradesh						West Bengal					
			Faizabad			Kanpur			Coochbehar			Kalyani		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	DBW 186	SPL-VLS-03	23.6	3	0	33.6	5	0	21.2	5	0	28.4	1	1
2.	WH 1197	SPL-VLS-05	18.4	7	0	39.4	1	1	18.2	9	0	21.4	7	0
3.	PBW 742	SPL-VLS-06	18.7	6	0	31.3	7	0	20.9	6	0	26.0	2	1
4.	PBW 741	SPL-VLS-07	18.2	8	0	33.6	5	0	21.7	4	0	25.5	3	1
5.	PBW 740	SPL-VLS-08	20.3	4	0	35.9	4	1	24.4	3	0	20.3	9	0
6.	WH 1196	SPL-VLS-09	17.9	9	0	28.9	9	0	20.4	8	0	23.1	6	0
7.	DBW 14 (C)	SPL-VLS-01	24.6	2	1	38.2	2	1	37.9	2	1	20.8	8	0
8.	DBW 71 (C)	SPL-VLS-02	19.4	5	0	37.6	3	1	40.0	1	1	24.3	4	0
9.	WR 544 (C)	SPL-VLS-04	28.1	1	1	29.5	8	0	20.8	7	0	23.7	5	0
G.M.			21.0			34.2			25.1			23.7		
S.E.(M)			1.436			1.732			3.764			1.341		
C.D.			4.2			5.1			11.0			3.9		
C.V.			13.7			10.1			30.0			11.3		
D.O.S. (d.m.y)			10.1.2015			7.1.2015			2.1.2015			5.1.2015		

SPL-VLS-TAS-NWPZ/NEPZ, 2014-15
Zonal Mean Yield (q/ha)

SN	Variety	Code	NWPZ			NEPZ			National		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	DBW 186	SPL-VLS-03	31.4	6	0	26.7	3	0	29.3	4	0
2.	WH 1197	SPL-VLS-05	31.8	5	0	24.3	7	0	28.5	6	0
3.	PBW 742	SPL-VLS-06	30.7	7	0	24.2	8	0	27.8	7	0
4.	PBW 741	SPL-VLS-07	32.5	4	0	24.7	6	0	29.1	5	0
5.	PBW 740	SPL-VLS-08	34.5	2	1	25.2	5	0	30.4	3	0
6.	WH 1196	SPL-VLS-09	29.3	8	0	22.6	9	0	26.3	9	0
7.	DBW 14 (C)	SPL-VLS-01	33.4	3	1	30.4	1	1	32.1	2	1
8.	DBW 71 (C)	SPL-VLS-02	34.7	1	1	30.3	2	1	32.8	1	1
9.	WR 544 (C)	SPL-VLS-04	28.3	9	0	25.5	4	0	27.1	8	0
G.M.			31.9			26.0			29.3		
C.D.			1.8			3.2			1.7		

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: Spl-VLS-IR-TAS-NAT., 2014-15

SN	Variety	Code	Disease Reaction			Agronomic Characteristics							Grain Characteristics			
			YI	Br	BP	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	DBW 186	SPL-VLS-03	10S	20S	1.8	71-78	74	97-125	110	75-94	86	Ey	A	H	32-36	35
2	WH 1197	SPL-VLS-05	10S	10S	0.6	71-82	74	95-121	109	73-92	82	Ey	A	H	27-38	34
3	PBW 742	SPL-VLS-06	0	10S	0.4	70-83	74	94-123	109	75-92	86	Ey	A	H	31-37	33
4	PBW 741	SPL-VLS-07	20S	tS	0.2	69-75	72	94-123	110	80-90	83	Ey	A	H	28-33	31
5	PBW 740	SPL-VLS-08	tS	10S	0.4	69-81	73	97-125	111	87-92	90	Ey	A	H	31-43	36
6	WH 1196	SPL-VLS-09	5S	20S	0	70-84	75	100-125	113	74-94	84	Ey	A	H	24-35	30
7	DBW 14 (C)	SPL-VLS-01	20S	tS	4.0	65-81	71	94-122	110	71-90	78	Ey	A	H	32-35	34
8	DBW 71 (C)	SPL-VLS-02	5S	0	0.8	67-84	74	95-124	109	72-92	84	Ey	A	H	32-40	35
9	WR 544 (C)	SPL-VLS-04	40S	tS	0	59-89	71	94-123	109	75-91	84	Ey	A	H	32-37	35

1. Ancillary data from Gurdaspur, Ludhiana, Hisar, Karnal and Modipuram
2. Yellow rust reactions from Gurdaspur and Ludhiana & brown rust reactions from Hisar
3. Black point data from Gurdaspur only

Individual Station Rust Data

SN	Variety	Code	Gurdaspur	Ludhiana	Hisar
			YI	YI	Br
1	DBW 186	SPL-VLS-03	10S	10S	20S
2	WH 1197	SPL-VLS-05	10S	0	10S
3	PBW 742	SPL-VLS-06	0	0	10S
4	PBW 741	SPL-VLS-07	20S	0	tS
5	PBW 740	SPL-VLS-08	tR	tS	10S
6	WH 1196	SPL-VLS-09	5S	0	20S
7	DBW 14 (C)	SPL-VLS-01	10S	20S	tS
8	DBW 71 (C)	SPL-VLS-02	0	5S	0
9	WR 544 (C)	SPL-VLS-04	0	40S	tS

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: Spl-VLS-IR-TAS-NAT., 2014-15

SN	Variety	Code	Disease Reaction		Agronomic Characteristics							Grain Characteristics			
			Br	LB. (HS, Av)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	DBW 186	SPL-VLS-03	0	35 (23)	59-70	64	84-98	90	76-91	84	Ey	A	SH	30-36	33
2	WH 1197	SPL-VLS-05	0	45 (23)	56-68	62	84-102	91	68-86	76	Ey	A	SH	22-33	29
3	PBW 742	SPL-VLS-06	0	36 (23)	58-72	63	82-98	89	67-89	78	Ey	A	SH	26-34	31
4	PBW 741	SPL-VLS-07	10S	36 (12)	59-66	63	83-96	89	71-86	78	Ey	A	SH	24-34	29
5	PBW 740	SPL-VLS-08	0	47 (24)	58-70	61	84-98	90	72-90	82	Ey	A	SH	22-38	31
6	WH 1196	SPL-VLS-09	20S	35 (23)	64-72	68	85-104	92	66-88	76	Ey	A	SH	22-35	30
7	DBW 14 (C)	SPL-VLS-01	0	36 (13)	54-64	57	81-100	89	63-79	70	Ey	A	SH-H	32-37	34
8	DBW 71 (C)	SPL-VLS-02	0	46 (12)	60-68	62	82-102	91	68-79	74	Ey	A	SH	27-36	32
9	WR 544 (C)	SPL-VLS-04	0	47 (24)	46-62	54	79-96	86	69-87	77	Ey	A	SH-H	31-37	34

1. Ancillary data from Kanpur, Faizabad, Varanasi, Pusa, Sabour, Kalyani and Coochbehar
2. Brown rust reactions from Kanpur.
3. Leaf blight data from Kanpur, Faizabad, Sabour and Coochbehar.

Individual Station Leaf blight Data

SN	Variety	Code	Coochbehar	Faizabad	Kanpur	Sabour
1	DBW 186	SPL-VLS-03	12	0	24	35
2	WH 1197	SPL-VLS-05	12	0	24	45
3	PBW 742	SPL-VLS-06	12	0	36	26
4	PBW 741	SPL-VLS-07	01	0	0	36
5	PBW 740	SPL-VLS-08	23	0	47	46
6	WH 1196	SPL-VLS-09	34	12	12	35
7	DBW 14 (C)	SPL-VLS-01	01	0	36	35
8	DBW 71 (C)	SPL-VLS-02	12	0	0	46
9	WR 544 (C)	SPL-VLS-04	23	12	47	24