

SPL-VLS-TAS-NWPZ/NEPZ, 2015-16
Locationwise Mean Yield (q/ha)

SN	Variety	Code	NWPZ														
			Delhi			Karnal			Hisar			Ludhiana			Gurdaspur		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	WH 1216	SPL-VLS-101	32.4	4	1	34.9	8	0	31.2	10	0	36.5	7	0	39.6	7	0
2.	PBW 756	SPL-VLS-102	24.1	11	0	30.6	10	0	29.4	11	0	26.0	11	0	36.0	9	0
3.	DBW 218	SPL-VLS-103	32.0	5	1	39.3	3	1	37.7	4	0	38.7	3	0	45.8	2	0
4.	DBW 220	SPL-VLS-104	30.5	7	0	40.2	1	1	32.3	8	0	48.3	1	1	49.4	1	1
5.	WH 1215	SPL-VLS-107	30.1	8	0	36.0	6	0	31.4	9	0	32.7	9	0	35.0	10	0
6.	HD 3236	SPL-VLS-108	35.8	1	1	36.9	4	1	37.0	5	0	38.1	5	0	38.8	8	0
7.	DBW 219	SPL-VLS-109	30.6	6	0	39.8	2	1	38.7	3	0	38.7	4	0	40.7	5	0
8.	PBW 757	SPL-VLS-110	35.1	2	1	36.2	5	0	38.9	2	0	42.8	2	0	44.9	3	0
9.	DBW 14 (C)	SPL-VLS-105	28.8	9	0	35.3	7	0	33.6	7	0	36.3	8	0	42.9	4	0
10.	WR 544 (C)	SPL-VLS-106	26.2	10	0	30.2	11	0	35.2	6	0	31.7	10	0	28.8	11	0
11.	DBW 71 (C)	SPL-VLS-111	34.9	3	1	32.7	9	0	41.5	1	1	36.7	6	0	39.9	6	0
G.M.			31.0			35.6			35.2			37.0			40.2		
S.E.(M)			1.346			1.144			0.894			1.504			0.801		
C.D.			3.9			3.3			2.6			4.3			2.3		
C.V.			8.7			6.4			5.1			8.1			4.0		
D.O.S. (d.m.y)			2.1.2016			4.1.2016			6.1.2016			5.1.2016			6.1.2016		

Trials proposed & conducted = 15

Trials not reported (6) = Nagina (RMT), Modipuram (RMT), Kashipur (RMT),
Varanasi (LSM, HCV), Coochbehar (LSM, HCV), Kalyani (LSM, HCV)

SPL-VLS-TAS-NWPZ/NEPZ, 2015-16
Locationwise Mean Yield (q/ha)

SN	Variety	Code	NEPZ											
			Faizabad			Kanpur			Sabour			Pusa		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	WH 1216	SPL-VLS-101	19.5	9	0	30.8	5	1	18.9	10	0	19.6	11	0
2.	PBW 756	SPL-VLS-102	16.1	11	0	23.1	11	0	18.0	11	0	19.6	10	0
3.	DBW 218	SPL-VLS-103	23.7	5	0	32.6	3	1	22.6	8	0	22.2	8	0
4.	DBW 220	SPL-VLS-104	20.0	8	0	23.6	10	0	22.8	7	0	23.4	7	0
5.	WH 1215	SPL-VLS-107	18.5	10	0	29.2	7	0	21.3	9	0	20.5	9	0
6.	HD 3236	SPL-VLS-108	21.3	7	0	33.1	2	1	26.0	5	1	29.3	4	1
7.	DBW 219	SPL-VLS-109	22.1	6	0	33.3	1	1	26.3	3	1	30.4	2	1
8.	PBW 757	SPL-VLS-110	26.0	1	1	32.2	4	1	26.7	2	1	30.6	1	1
9.	DBW 14 (C)	SPL-VLS-105	25.8	2	1	28.0	9	0	23.8	6	0	29.9	3	1
10.	WR 544 (C)	SPL-VLS-106	25.8	3	1	30.1	6	0	26.2	4	1	27.5	5	0
11.	DBW 71 (C)	SPL-VLS-111	24.9	4	1	28.7	8	0	28.5	1	1	24.4	6	0
G.M.			22.2			29.5			23.7			25.2		
S.E.(M)			0.650			0.965			1.181			0.560		
C.D.			1.9			2.8			3.4			1.6		
C.V.			5.9			6.5			9.9			4.4		
D.O.S. (d.m.y)			7.1.2016			4.1.2016			2.1.2016			2.1.2016		

SPL-VLS-TAS-NWPZ/NEPZ, 2015-16
Zonal and National Mean Yield (q/ha)

SN	Variety	Code	NWPZ			NEPZ			National		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	WH 1216	SPL-VLS-101	34.9	8	0	22.2	10	0	29.3	8	0
2.	PBW 756	SPL-VLS-102	29.2	11	0	19.2	11	0	24.8	11	0
3.	DBW 218	SPL-VLS-103	38.7	3	1	25.3	7	0	32.7	4	0
4.	DBW 220	SPL-VLS-104	40.1	1	1	22.4	8	0	32.3	6	0
5.	WH 1215	SPL-VLS-107	33.0	9	0	22.3	9	0	28.3	10	0
6.	HD 3236	SPL-VLS-108	37.3	5	0	27.4	3	0	32.9	3	0
7.	DBW 219	SPL-VLS-109	37.7	4	0	28.1	2	1	33.4	2	0
8.	PBW 757	SPL-VLS-110	39.6	2	1	28.8	1	1	34.8	1	1
9.	DBW 14 (C)	SPL-VLS-105	35.4	7	0	26.9	5	0	31.6	7	0
10.	WR 544 (C)	SPL-VLS-106	30.4	10	0	27.4	4	0	29.1	9	0
11.	DBW 71 (C)	SPL-VLS-111	37.1	6	0	26.6	6	0	32.5	5	0
G.M.			35.8			25.2			31.1		
C.D.			1.5			1.2			1.0		

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: SPL-VLS-IR-TAS-Nat, 2015-16

SN	Variety	Code	Disease Reactions				Agronomic Characteristics						Grain Characteristics				
			YI	ACI	Br	BP	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1.	WH 1216	SPL-VLS-101	10S	3.8	0	0	70-80	75	107-113	110	81-90	87	Ey	A	SH-H	29-35	32
2.	PBW 756	SPL-VLS-102	10S	2.6	0	0.2	70-80	74	104-115	108	75-85	79	Ey	A	SH-H	32-37	34
3.	DBW 218	SPL-VLS-103	5S	1.3	0	1.5	69-77	73	106-114	110	75-100	91	Ey	A	H	33-39	36
4.	DBW 220	SPL-VLS-104	0	0.0	0	0	70-76	73	104-112	108	83-90	87	Ey	A	SH-H	29-36	33
5.	WH 1215	SPL-VLS-107	10S	5.0	0	0	68-78	74	106-113	109	74-93	86	Ey	A	SH-H	27-35	31
6.	HD 3236	SPL-VLS-108	40S	12.5	0	0.8	69-79	74	103-113	108	87-96	92	Ey	A	SH-H	34-41	38
7.	DBW 219	SPL-VLS-109	10S	5.1	0	0.2	67-70	69	102-112	106	88-101	95	Ey	A	SH-H	31-42	38
8.	PBW 757	SPL-VLS-110	0	0.0	0	0.2	65-71	68	99-111	106	71-85	77	Ey	A	SH-H	32-39	35
9.	DBW 14 (C)	SPL-VLS-105	5S	2.8	0	1.0	67-73	69	98-115	107	71-83	78	Ey	A	SH-H	32-40	36
10.	WR 544 (C)	SPL-VLS-106	60S	32.5	tS	0.4	60-70	65	100-110	105	79-97	91	Ey	A	SH-H	33-39	36
11.	DBW 71 (C)	SPL-VLS-111	5S	1.3	0	1.6	69-73	71	102-115	107	77-89	81	Ey	A	SH-H	34-39	36

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

Individual Station Rust Data

SN	Variety	Code	Delhi	Gurdaspur	Ludhiana	Hisar	
			YI	YI	YI	YI	Br
1.	WH 1216	SPL-VLS-101	0	10S	5S	0	0
2.	PBW 756	SPL-VLS-102	0	tR	10S	0	0
3.	DBW 218	SPL-VLS-103	0	0	5S	0	0
4.	DBW 220	SPL-VLS-104	0	0	0	0	0
5.	WH 1215	SPL-VLS-107	0	10S	0	10S	0
6.	HD 3236	SPL-VLS-108	0	10S	0	40S	0
7.	DBW 219	SPL-VLS-109	tMR	10S	0	10S	0
8.	PBW 757	SPL-VLS-110	0	0	0	0	0
9.	DBW 14 (C)	SPL-VLS-105	10MR	5S	5MR	0	0
10.	WR 544 (C)	SPL-VLS-106	60S	20S	40S	10S	tS
11.	DBW 71 (C)	SPL-VLS-111	0	5S	0	0	0

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: SPL-VLS-IR-TAS-Nat, 2015-16

SN	Variety	Code	Leaf blight	Agronomic Characteristics							Grain Characteristics			
			HS (Avg.)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1.	WH 1216	SPL-VLS-101	24 (12)	52-72	64	81-100	93	64-95	80	Ey	A	SH	20-38	27
2.	PBW 756	SPL-VLS-102	34 (12)	54-72	64	77-102	93	63-85	73	Ey	A	SH-H	18-40	29
3.	DBW 218	SPL-VLS-103	45 (23)	48-67	61	79-100	92	61-106	89	M	A	SH-H	21-42	30
4.	DBW 220	SPL-VLS-104	45 (23)	46-66	59	75-102	89	60-98	81	Ey	A	SH-H	19-35	26
5.	WH 1215	SPL-VLS-107	34 (23)	53-66	60	80-98	90	56-89	79	Ey	A	SH	17-38	27
6.	HD 3236	SPL-VLS-108	24 (24)	45-70	62	81-102	93	65-99	86	Ey	A	SH	24-42	32
7.	DBW 219	SPL-VLS-109	13 (12)	49-68	57	76-100	86	59-118	89	Ey	A	SH	28-42	33
8.	PBW 757	SPL-VLS-110	34 (23)	45-66	55	76-96	87	62-90	75	Ey	A	SH-H	23-41	31
9.	DBW 14 (C)	SPL-VLS-105	24 (12)	48-70	56	77-96	85	58-85	75	Ey	A	SH	25-40	31
10.	WR 544 (C)	SPL-VLS-106	56 (34)	44-62	52	75-96	84	58-105	85	Ey	A	SH-H	24-42	33
11.	DBW 71 (C)	SPL-VLS-111	45 (23)	50-68	57	81-104	90	64-94	79	Ey	A	SH-H	22-40	31

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

Individual Station Leaf blight Data

SN	Variety	Code	Coochbehar	Faizabad	Kanpur	Pusa	Sabour
1.	WH 1216	SPL-VLS-101	23	12	00	24	23
2.	PBW 756	SPL-VLS-102	34	12	00	23	13
3.	DBW 218	SPL-VLS-103	45	12	00	13	34
4.	DBW 220	SPL-VLS-104	45	24	12	13	12
5.	WH 1215	SPL-VLS-107	34	12	00	23	24
6.	HD 3236	SPL-VLS-108	23	24	24	34	13
7.	DBW 219	SPL-VLS-109	13	12	00	13	12
8.	PBW 757	SPL-VLS-110	12	25	00	34	24
9.	DBW 14 (C)	SPL-VLS-105	13	12	00	24	24
10.	WR 544 (C)	SPL-VLS-106	25	23	12	56	35
11.	DBW 71 (C)	SPL-VLS-111	45	12	00	23	23