

SPL-WB-TS-NWPZ/NEPZ/PZ, 2014-15
Locationwise Mean Yield (q/ha)

SN	Variety	Code	NWPZ														
			Delhi			Haryana			Punjab			Rajasthan					
			Delhi			Karnal		Hisar		Ludhiana		Durgapura					
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G			
1.	HPBW 01	SPL-WB-01	52.7	1	1	42.6	5	1	45.3	9	0	59.7	6	1	64.8	1	1
2.	HPBW 07	SPL-WB-02	39.5	10	0	38.8	13	0	40.3	15	0	59.4	7	1	45.8	13	0
3.	HPBW 05	SPL-WB-04	41.4	9	0	44.3	1	1	52.3	3	0	61.2	3	1	58.3	5	0
4.	MACS 6507	SPL-WB-05	38.8	11	0	37.2	16	0	40.8	12	0	54.8	11	0	44.9	14	0
5.	HPBW 02	SPL-WB-06	47.6	5	1	43.6	4	1	52.1	4	0	61.0	5	1	56.0	7	0
6.	WB 2	SPL-WB-08	46.5	7	0	41.6	8	1	58.1	1	1	58.0	9	1	58.9	4	0
7.	HUW 695	SPL-WB-09	50.9	2	1	40.7	12	1	48.3	7	0	54.5	12	0	54.3	8	0
8.	WB 1	SPL-WB-10	48.1	3	1	40.9	11	1	55.4	2	1	58.9	8	1	62.0	2	1
9.	HPBW 08	SPL-WB-11	36.4	14	0	41.5	9	1	40.4	13	0	61.7	1	1	47.1	12	0
10.	HUW 712	SPL-WB-12	46.8	6	1	42.3	6	1	49.7	6	0	56.2	10	1	60.7	3	0
11.	HPBW 09	SPL-WB-13	23.5	17	0	37.4	15	0	44.1	10	0	53.3	15	0	44.0	16	0
12.	WB 5	SPL-WB-16	38.1	12	0	35.2	17	0	39.1	17	0	50.8	16	0	51.4	9	0
13.	HUW 711	SPL-WB-17	44.5	8	0	41.2	10	1	51.3	5	0	50.4	17	0	44.4	15	0
14.	K 0307 (C)	SPL-WB-03	37.8	13	0	44.0	2	1	40.1	16	0	54.3	13	0	48.2	11	0
15.	DPW 621-50 (C)	SPL-WB-07	48.1	4	1	43.8	3	1	40.3	14	0	61.7	2	1	57.8	6	0
16.	GW 322 (C)	SPL-WB-14	35.9	16	0	38.6	14	0	45.7	8	0	53.7	14	0	40.6	17	0
17.	MACS 6222 (C)	SPL-WB-15	36.4	15	0	41.9	7	1	43.9	11	0	61.0	4	1	49.3	10	0
G.M.			41.9			40.9			46.3			57.1			52.3		
S.E.(M)			2.128			1.518			1.416			2.090			1.386		
C.D.			6.1			4.3			4.0			5.9			3.9		
C.V.			10.2			7.4			6.1			7.3			5.3		
D.O.S. (d.m.y)			20.11.2014			14.11.2014			17.11.2014			12.11.2014			15.11.2014		

Trial proposed & conducted : 11

Trial not reported (3) : Kanpur (LSM), Varanasi (LSM), Niphad (LSM)

SPL-WB-TS-NWPZ/NEPZ/PZ, 2014-15
Locationwise Mean Yield (q/ha)

SN	Variety	Code	CZ						PZ		
			MP			Gujarat			Maharashtra		
			Indore			Vijapur			Pune		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	HPBW 01	SPL-WB-01	43.0	3	0	62.8	2	1	44.4	10	0
2.	HPBW 07	SPL-WB-02	29.6	17	0	49.3	15	0	28.2	17	0
3.	HPBW 05	SPL-WB-04	44.0	2	0	56.3	10	0	44.9	8	0
4.	MACS 6507	SPL-WB-05	39.7	10	0	63.4	1	1	45.2	7	0
5.	HPBW 02	SPL-WB-06	41.4	6	0	55.6	12	0	51.9	1	1
6.	WB 2	SPL-WB-08	42.1	5	0	60.1	5	1	43.8	12	0
7.	HUW 695	SPL-WB-09	42.6	4	0	61.8	3	1	48.0	3	1
8.	WB 1	SPL-WB-10	33.9	15	0	58.6	7	1	44.5	9	0
9.	HPBW 08	SPL-WB-11	38.1	13	0	51.3	14	0	42.9	13	0
10.	HUW 712	SPL-WB-12	41.3	8	0	60.1	4	1	39.9	16	0
11.	HPBW 09	SPL-WB-13	38.8	11	0	44.1	17	0	42.0	14	0
12.	WB 5	SPL-WB-16	41.0	9	0	52.2	13	0	41.9	15	0
13.	HUW 711	SPL-WB-17	37.9	14	0	56.5	9	0	45.8	5	0
14.	K 0307 (C)	SPL-WB-03	38.2	12	0	47.9	16	0	48.8	2	1
15.	DPW 621-50 (C)	SPL-WB-07	41.4	7	0	55.8	11	0	43.9	11	0
16.	GW 322 (C)	SPL-WB-14	50.3	1	1	58.3	8	1	45.4	6	0
17.	MACS 6222 (C)	SPL-WB-15	33.8	16	0	59.2	6	1	46.3	4	0
G.M.			39.8			56.1			44.0		
S.E.(M)			1.938			2.153			1.858		
C.D.			5.5			6.1			5.3		
C.V.			9.7			7.7			8.4		
D.O.S. (d.m.y)			19.11.2014			17.11.2014			14.11.2014		

SPL-WB-TS-NWPZ/NEPZ/PZ, 2014-15
Zonal Mean Yield (q/ha)

SN	Variety	Code	NWPZ			CZ			PZ			National		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	HPBW 01	SPL-WB-01	53.0	2	1	52.9	2	1	44.4	10	0	51.9	1	1
2.	HPBW 07	SPL-WB-02	44.8	13	0	39.5	17	0	28.2	17	0	41.4	16	0
3.	HPBW 05	SPL-WB-04	51.5	5	1	50.1	7	0	44.9	8	0	50.3	4	1
4.	MACS 6507	SPL-WB-05	43.3	14	0	51.6	4	1	45.2	7	0	45.6	12	0
5.	HPBW 02	SPL-WB-06	52.0	4	1	48.5	9	0	51.9	1	1	51.1	2	1
6.	WB 2	SPL-WB-08	52.6	3	1	51.1	5	1	43.8	12	0	51.1	3	1
7.	HUW 695	SPL-WB-09	49.8	8	0	52.2	3	1	48.0	3	1	50.1	6	1
8.	WB 1	SPL-WB-10	53.1	1	1	46.3	13	0	44.5	9	0	50.3	5	1
9.	HPBW 08	SPL-WB-11	45.4	11	0	44.7	14	0	42.9	13	0	44.9	13	0
10.	HUW 712	SPL-WB-12	51.1	6	1	50.7	6	1	39.9	16	0	49.6	7	0
11.	HPBW 09	SPL-WB-13	40.5	17	0	41.4	16	0	42.0	14	0	40.9	17	0
12.	WB 5	SPL-WB-16	42.9	15	0	46.6	11	0	41.9	15	0	43.7	15	0
13.	HUW 711	SPL-WB-17	46.3	10	0	47.2	10	0	45.8	5	0	46.5	10	0
14.	K 0307 (C)	SPL-WB-03	44.9	12	0	43.1	15	0	48.8	2	1	44.9	14	0
15.	DPW 621-50 (C)	SPL-WB-07	50.3	7	0	48.6	8	0	43.9	11	0	49.1	8	0
16.	GW 322 (C)	SPL-WB-14	42.9	16	0	54.3	1	1	45.4	6	0	46.1	11	0
17.	MACS 6222 (C)	SPL-WB-15	46.5	9	0	46.5	12	0	46.3	4	0	46.5	9	0
	G.M.		47.7			48.0			44.0			47.3		
	C.D.		2.2			4.1			5.3			1.8		

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: SPL-WB-TS-All Zones, 2014-15

SN	Variety	Code	Disease Reaction		Agronomic Characteristics								Grain Characteristics			
			YI	ACI	Hd.R	Hd.M	Mat.R	Mat. M	Ht. R	Ht. M	Lod.	Thr.	Col	Tex.	TGW. R	TGW.M
1	HPBW 01	SPL-WB-01	5S	1.3	87-103	96	124-155	140	95-108	103	50	Ey	A	SH-H	34-44	40
2	HPBW 07	SPL-WB-02	0	0.0	83-101	92	125-149	139	88-98	93	50	Ey	A	SH-H	35-43	39
3	HPBW 05	SPL-WB-04	10S	2.8	87-104	96	133-155	143	88-108	98	40	Ey	A	SH-H	32-40	36
4	MACS 6507	SPL-WB-05	10S	2.5	80-100	91	130-150	140	85-104	95	50	Ey	A	SH-H	40-42	41
5	HPBW 02	SPL-WB-06	20S	5.0	87-104	95	127-155	141	96-107	103	60	Ey	A	SH-H	35-46	39
6	WB 2	SPL-WB-08	20S	5.0	87-100	95	130-157	142	89-100	95	40	Ey	A	SH-H	32-43	38
7	HUW 695	SPL-WB-09	60S	15.0	87-101	96	130-157	142	98-107	102	50	Ey	A	SH-H	35-44	39
8	WB 1	SPL-WB-10	5S	2.5	90-103	96	130-155	142	97-106	101	40	Ey	A	SH-H	36-43	40
9	HPBW 08	SPL-WB-11	5S	1.3	91-106	98	130-150	139	74-98	90	40	Ey	A	SH-H	34-41	37
10	HUW 712	SPL-WB-12	10S	2.6	87-102	96	131-150	141	91-113	102	50	Ey	A	SH-H	35-43	40
11	HPBW 09	SPL-WB-13	10S	2.5	92-112	102	135-158	144	94-102	100	60	Ey	A	SH-H	36-45	42
12	WB 5	SPL-WB-16	5S	1.3	90-108	100	132-155	142	88-100	94	50	Ey	A	SH-H	31-45	40
13	HUW 711	SPL-WB-17	20S	5.0	88-100	95	131-158	143	93-109	102	40	Ey	A	SH-H	34-42	38
14	K 0307 (C)	SPL-WB-03	10S	3.5	91-104	97	134-148	141	86-101	97	40	Ey	A	SH-H	35-42	39
15	DPW 621-50 (C)	SPL-WB-07	tS	0.3	91-105	98	135-155	144	93-102	97	50	Ey	A	SH-H	34-45	40
16	GW 322 (C)	SPL-WB-14	60S	20.1	85-104	95	128-155	141	89-108	97	50	Ey	A	SH-H	32-41	37
17	MACS 6222 (C)	SPL-WB-15	40S	10.3	91-107	99	137-157	144	84-101	95	50	Ey	A	SH-H	35-49	42

1. Ancillary data from Hisar, Karnal, Ludhiana, Delhi and Durgapura
2. Lodging data from Hisar, Karnal, Ludhiana and Delhi
3. Yellow rust data from Hisar, Karnal, Ludhiana and Durgapura

SPL-WB-TS-All Zones, 2014-15
North Western Plains Zone
Individual Station Rust Data

SN	Variety	Code	Hisar	Karnal	Ludhiana	Delhi
			YI	YI	YI	YI
1	HPBW 01	SPL-WB-01	0	0	5S	0
2	HPBW 07	SPL-WB-02	0	0	0	0
3	HPBW 05	SPL-WB-04	tS	tR	10S	0
4	MACS 6507	SPL-WB-05	0	0	10S	0
5	HPBW 02	SPL-WB-06	0	0	20S	0
6	WB 2	SPL-WB-08	0	0	20S	0
7	HUW 695	SPL-WB-09	0	0	60S	0
8	WB 1	SPL-WB-10	5S	0	5S	0
9	HPBW 08	SPL-WB-11	0	tR	5S	0
10	HUW 712	SPL-WB-12	0	tMR	10S	0
11	HPBW 09	SPL-WB-13	0	0	10S	0
12	WB 5	SPL-WB-16	0	0	5S	0
13	HUW 711	SPL-WB-17	0	0	20S	0
14	K 0307 (C)	SPL-WB-03	0	5MS	10S	0
15	DPW 621 -50 (C)	SPL-WB-07	0	0	tS	0
16	GW 322 (C)	SPL-WB-14	0	tMR	20S	60S
17	MACS 6222 (C)	SPL-WB-15	0	0	tS	40S

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: SPL-WB-TS-All Zones, 2014-15

SN	Variety	Code	Disease Reaction	Agronomic Characteristics								Grain Characteristics			
			LB	Hd.R	Hd.M	Mat.R	Mat. M	Ht. R	Ht. M	Lod.	Thr.	Col	Tex.	TGW. R	TGW.M
1	HPBW 01	SPL-WB-01	0	80-83	82	119-128	124	78-93	86	0	Ey	A	SH	31-37	34
2	HPBW 07	SPL-WB-02	0	80-81	80	121-126	124	81-82	82	0	Ey	A	SH	29-35	32
3	HPBW 05	SPL-WB-04	0	81-85	83	121-130	126	88-90	89	0	Ey	A	SH	28-37	32
4	MACS 6507	SPL-WB-05	0	74-81	78	114-127	121	76-94	85	0	Ey	A	SH-H	27-36	32
5	HPBW 02	SPL-WB-06	23	81-88	84	122-133	128	80-97	89	0	Ey	A	SH-H	31-38	34
6	WB 2	SPL-WB-08	0	82-88	85	121-133	127	86-92	89	0	Ey	A	SH-H	28-37	32
7	HUW 695	SPL-WB-09	2	81-88	84	119-133	126	76-95	86	0	Ey	A	SH	29-40	35
8	WB 1	SPL-WB-10	0	84-87	85	117-132	125	90-98	94	0	Ey	A	SH-H	29-38	33
9	HPBW 08	SPL-WB-11	12	84-86	85	123-127	125	83-84	84	0	Ey	A	SH	27-36	31
10	HUW 712	SPL-WB-12	0	81-85	83	111-130	121	80-94	87	0	Ey	A	H	31-36	34
11	HPBW 09	SPL-WB-13	0	85-97	91	130-134	132	96-103	99	0	Ey	A	H	35-38	37
12	WB 5	SPL-WB-16	0	87-90	89	125-138	132	86-98	92	20	Ey	A	SH	27-32	29
13	HUW 711	SPL-WB-17	0	83-85	84	119-130	125	87-99	93	0	Ey	A	SH	28-32	30
14	K 0307 (C)	SPL-WB-03	0	82-87	85	121-132	127	80-93	87	0	Ey	A	SH-H	29-38	33
15	DPW 621-50 (C)	SPL-WB-07	0	85-89	87	122-134	128	78-91	85	0	Ey	A	SH-H	28-42	35
16	GW 322 (C)	SPL-WB-14	0	80-83	82	121-128	125	87-96	91	0	Ey	A	SH	31-35	33
17	MACS 6222 (C)	SPL-WB-15	0	83-87	85	124-132	128	91-96	94	0	Ey	A	SH	31-41	36

1. Ancillary data from Kanpur and Varanasi
2. Lodging data from Varanasi
3. Leaf blight data from Kanpur

Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial: SPL-WB-TS-All Zones, 2014-15

SN	Variety	Code	Disease Reaction	Agronomic Characteristics								Grain Characteristics			
			BI	Hd.R	Hd.M	Mat. R	Mat. M	Ht. R	Ht. M	Lod.	Thr.	Col	Tex.	TGW. R	TGW.M
1	HPBW 01	SPL-WB-01	tS	71-77	74	119-123	121	106-115	111	0	Ey	A	SH	40-42	41
2	HPBW 07	SPL-WB-02	0	62-76	69	114-121	118	91-95	93	0	Ey	A	SH	38-42	40
3	HPBW 05	SPL-WB-04	0	65-79	72	119-127	123	96-97	97	0	Ey	A	SH	36-37	37
4	MACS 6507	SPL-WB-05	0	66-76	71	119-122	121	95-98	97	0	Ey	A	SH	42-43	42
5	HPBW 02	SPL-WB-06	0	70-77	74	121-124	123	105-105	105	0	Ey	A	SH	42-42	42
6	WB 2	SPL-WB-08	0	71-80	76	121-126	124	99-100	100	0	Ey	A	SH	39-39	39
7	HUW 695	SPL-WB-09	0	70-78	74	121-124	123	106-108	107	0	Ey	A	SH	41-42	41
8	WB 1	SPL-WB-10	0	72-79	76	123-127	125	98-108	103	0	Ey	A	SH	37-40	38
9	HPBW 08	SPL-WB-11	0	67-81	74	121-127	124	87-90	89	0	Ey	A	SH	37-39	38
10	HUW 712	SPL-WB-12	0	69-78	74	119-125	122	101-110	106	0	Ey	A	SH	43-44	44
11	HPBW 09	SPL-WB-13	0	81-85	83	131-135	133	101-102	102	0	Ey	A	SH	39-43	41
12	WB 5	SPL-WB-16	0	73-80	77	124-126	125	100-103	102	20	Ey	A	SH	37-38	38
13	HUW 711	SPL-WB-17	0	71-79	75	121-129	125	107-120	114	0	Ey	A	SH	37-40	38
14	K 0307 (C)	SPL-WB-03	0	71-81	76	122-130	126	95-98	97	20	Ey	A	SH	36-36	36
15	DPW 621-50 (C)	SPL-WB-07	0	72-81	77	124-126	125	94-105	100	0	Ey	A	SH	34-36	35
16	GW 322 (C)	SPL-WB-14	0	69-78	74	119-124	122	95-96	96	0	Ey	A	SH	39-40	39
17	MACS 6222 (C)	SPL-WB-15	0	71-78	75	121-125	123	88-91	90	0	Ey	A	SH	40-45	43

1. Ancillary data from Indore and Vijapur
2. Lodging data from Indore
3. Black rust data from Vijapur

Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

Trial: SPL-WB-TS-All Zones, 2014-15

SN	Variety	Code	Disease Reaction		Agronomic Characteristics							Grain Characteristics			
			BI	Br	Hd.R	Hd.M	Mat.R	Mat. M	Ht. R	Ht. M	Thr.	Col	Tex.	TGW. R	TGW.M
1	HPBW 01	SPL-WB-01	0	20S	63-67	65	104-120	112	95-104	100	Ey	A	SH	38-45	41
2	HPBW 07	SPL-WB-02	0	5S	63-67	65	106-121	114	89-90	90	Ey	A	SH	39-41	40
3	HPBW 05	SPL-WB-04	0	30S	61-66	64	110-120	115	89-99	94	Ey	A	SH	35-39	37
4	MACS 6507	SPL-WB-05	0	20S	61-62	62	107-119	113	88-98	93	Ey	A	SH	36-39	38
5	HPBW 02	SPL-WB-06	0	0	64-67	66	113-122	118	95-96	96	Ey	A	SH	39-42	41
6	WB 2	SPL-WB-08	0	5MS	67-75	71	109-131	120	89-89	89	Ey	A	SH	35-46	41
7	HUW 695	SPL-WB-09	0	5S	63-67	65	107-131	114	98-100	99	Ey	A	SH	40-46	43
8	WB 1	SPL-WB-10	0	10S	68-77	73	111-130	121	90-95	93	Ey	A	SH	38-42	40
9	HPBW 08	SPL-WB-11	0	5S	67-78	73	110-132	121	80-94	87	Ey	A	SH	34-42	38
10	HUW 712	SPL-WB-12	0	5S	64-68	66	108-121	115	99-100	100	Ey	A	SH-H	37-39	38
11	HPBW 09	SPL-WB-13	0	0	72-81	77	120-121	121	99-100	100	Ey	A	SH	39-41	40
12	WB 5	SPL-WB-16	0	0	68-80	74	110-132	121	99-103	101	Ey	A	SH-H	38-40	39
13	HUW 711	SPL-WB-17	0	20S	65-70	68	109-120	115	101-101	101	Ey	A	SH-H	39-40	39
14	K 0307 (C)	SPL-WB-03	0	40S	66-79	73	109-131	120	92-96	94	Ey	A	SH	34-41	38
15	DPW 621-50 (C)	SPL-WB-07	0	5S	65-73	69	112-130	121	90-92	91	Ey	A	SH	38-41	40
16	GW 322 (C)	SPL-WB-14	tS	20S	63-73	68	109-124	117	87-99	93	Ey	A	SH	37-38	38
17	MACS 6222 (C)	SPL-WB-15	0	0	65-71	68	110-124	117	91-93	92	Ey	A	SH	40-41	41

1. Ancillary data from Pune and Niphad
2. Black rust data from Niphad
3. Brown rust data from Pune and Niphad

SPL-WB-TS-All Zones, 2014-15
Peninsular Zone
Individual Station Rust Data

SN	Variety	Code	Niphad		Pune
			Bl	Br	Br
1	HPBW 01	SPL-WB-01	0	0	20S
2	HPBW 07	SPL-WB-02	0	0	5S
3	HPBW 05	SPL-WB-04	0	tR	30S
4	MACS 6507	SPL-WB-05	0	0	20S
5	HPBW 02	SPL-WB-06	0	0	5S
6	WB 2	SPL-WB-08	0	0	0
7	HUW 695	SPL-WB-09	0	0	5S
8	WB 1	SPL-WB-10	0	0	10S
9	HPBW 08	SPL-WB-11	0	tR	5S
10	HUW 712	SPL-WB-12	0	tMR	5S
11	HPBW 09	SPL-WB-13	0	0	0
12	WB 5	SPL-WB-16	0	0	0
13	HUW 711	SPL-WB-17	0	0	20S
14	K 0307 (C)	SPL-WB-03	0	5MS	40S
15	DPW 621-50 (C)	SPL-WB-07	0	0	5S
16	GW 322 (C)	SPL-WB-14	tS	tMR	20S
17	MACS 6222 (C)	SPL-WB-15	0	0	0