

**SPL-WB-TS-All Zones, 2015-16**  
**Locationwise Mean Yield (q/ha)**

SN	Variety	Code	NWPZ														
			Haryana						Punjab						Rajasthan		
			Karnal			Hisar			Ludhiana			Gurdaspur			Durgapura		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	WB 02*	WB-106	49.4	1	1	51.4	3	1	57.8	5	1	49.8	3	0	53.9	1	1
2.	HPBW 02*	WB-109	45.4	8	0	51.4	2	1	56.2	7	1	50.7	2	1	47.3	6	0
3.	HPBW01*	WB-110	46.6	6	1	45.7	6	0	61.0	1	1	49.3	6	0	49.6	4	0
4.	HPPAU08	WB-101	47.4	3	1	52.1	1	1	60.8	2	1	47.5	9	0	45.4	10	0
5.	HPPAU10	WB-103	47.3	4	1	46.7	5	0	60.6	3	1	52.0	1	1	45.9	8	0
6.	HPPAU05	WB-105	43.2	10	0	41.8	8	0	57.2	6	1	49.5	5	0	45.9	8	0
7.	MACS 6222(C)	WB-102	47.6	2	1	43.7	7	0	55.7	8	1	49.8	3	0	52.8	2	1
8.	GW 322 (C)	WB-104	46.8	5	1	39.6	9	0	48.3	10	0	48.4	7	0	52.3	3	1
9.	DPW 621-50(C)	WB-107	45.5	7	0	50.2	4	1	59.4	4	1	47.9	8	0	47.7	5	0
10.	K 0307 (C)	WB-108	44.2	9	0	39.3	10	0	54.0	9	0	43.8	10	0	46.1	7	0
G.M.			46.3			46.2			57.1			48.9			48.7		
S.E.(M)			1.022			1.613			2.260			0.681			1.286		
C.D.			3.0			4.7			6.6			2.0			3.7		
C.V.			4.4			7.0			7.9			2.8			5.3		
D.O.S. (d.m.y)			20.11.2015			19.11.2015			15.11.2015			10.11.2015			17.11.2015		

Trials proposed & conducted = 14 Trials not reported (5) = Delhi (RMT), Niphad (RMT), Dharwad (RMT), Varanasi (LSM), Kanpur (LSM)

**Locationwise Mean Yield (q/ha)**

SN	Variety	Code	NEPZ			CZ						PZ		
			Bihar			MP			Gujarat			Maharashtra		
			Sabour			Indore			Vijapur			Pune		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	WB 02*	WB-106	37.3	7	1	36.0	9	0	39.9	5	1	45.8	7	0
2.	HPBW 02*	WB-109	38.5	3	1	37.8	6	0	40.9	4	1	49.4	3	0
3.	HPBW01*	WB-110	38.3	4	1	37.1	7	0	39.6	6	1	44.8	9	0
4.	HPPAU08	WB-101	37.6	6	1	35.5	10	0	36.7	9	0	49.7	2	0
5.	HPPAU10	WB-103	40.2	2	1	41.2	3	0	42.4	3	1	45.8	8	0
6.	HPPAU05	WB-105	28.6	10	0	36.0	8	0	42.5	2	1	42.8	10	0
7.	MACS 6222(C)	WB-102	37.0	8	1	45.1	1	1	39.0	7	1	55.3	1	1
8.	GW 322 (C)	WB-104	37.8	5	1	44.0	2	1	42.7	1	1	46.9	5	0
9.	DPW 621-50(C)	WB-107	35.4	9	0	39.8	4	0	37.3	8	0	46.9	6	0
10.	K 0307 (C)	WB-108	40.6	1	1	39.8	5	0	34.3	10	0	47.9	4	0
G.M.			37.1			39.2			39.5			47.5		
S.E.(M)			1.666			1.299			1.692			1.688		
C.D.			4.8			3.8			4.9			4.9		
C.V.			9.0			6.6			8.6			7.1		
D.O.S. (d.m.y)			25.11.2015			14.11.2015			18.11.2015			15.11.2015		

**SPL-WB-TS-All Zones, 2015-16**  
**Zonal and National Mean Yield (q/ha)**

SN	Variety	Code	NWPZ			NEPZ			CZ			PZ			National		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	WB 02*	WB-106	52.5	1	1	37.3	7	1	37.9	8	0	45.8	7	0	46.8	3	1
2.	HPBW 02*	WB-109	50.2	5	0	38.5	3	1	39.3	4	0	49.4	3	0	46.4	4	1
3.	HPBW 01*	WB-110	50.4	4	0	38.3	4	1	38.3	7	0	44.8	9	0	45.8	6	0
4.	HPPAU 08	WB-101	50.6	2	1	37.6	6	1	36.1	10	0	49.7	2	0	45.9	5	0
5.	HPPAU 10	WB-103	50.5	3	0	40.2	2	1	41.8	3	1	45.8	8	0	46.9	2	1
6.	HPPAU 05	WB-105	47.5	8	0	28.6	10	0	39.3	5	0	42.8	10	0	43.1	10	0
7.	MACS 6222 (C)	WB-102	49.9	7	0	37.0	8	1	42.1	2	1	55.3	1	1	47.3	1	1
8.	GW 322 (C)	WB-104	47.1	9	0	37.8	5	1	43.3	1	1	46.9	5	0	45.2	8	0
9.	DPW 621-50 (C)	WB-107	50.2	6	0	35.4	9	0	38.6	6	0	46.9	6	0	45.6	7	0
10.	K 0307 (C)	WB-108	45.5	10	0	40.6	1	1	37.0	9	0	47.9	4	0	43.3	9	0
G.M.			49.4			37.1			39.4			47.5			45.6		
C.D.			1.8			4.8			3.0			4.9			1.4		

## Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: SPL-WB-TS-All Zones, 2015-16

SN	Variety	Code	Disease Reaction				Agronomic Characteristics								Grain Characteristics			
			YI	ACI	Br	BP	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1.	WB 02*	WB-106	40S	10.25	tR	0	87-104	97	131-155	142	91-108	102	20	Ey	A	SH	34-41	38
2.	HPBW 02*	WB-109	5S	1.3	5MS	0	84-104	94	129-153	139	92-114	107	55	Ey	A	SH	36-43	41
3.	HPBW 01*	WB-110	10S	2.5	tR	0.4	84-104	95	129-156	140	93-115	105	30	Ey	A	SH	33-42	39
4.	HPPAU 08	WB-101	5S	1.55	0	0	83-104	94	129-155	140	94-110	104	25	Ey	A	SH	33-42	38
5.	HPPAU 10	WB-103	tR	0.05	5MS	0.6	80-101	92	127-152	139	90-109	103	70	Ey	A	SH	34-46	41
6.	HPPAU 05	WB-105	tS	0.3	tR	0.2	81-100	92	130-153	140	89-115	104	50	Ey	A	SH	34-41	38
7.	MACS 6222 (C)	WB-102	10S	2.55	0	1	85-110	99	133-156	143	90-108	99	40	Ey	A	SH	32-42	39
8.	GW 322 (C)	WB-104	40S	17.5	tR	0.8	84-102	94	130-154	140	87-105	97	65	Ey	A	SH	34-40	37
9.	DPW 621-50 (C)	WB-107	20S	6.25	tR	0	85-108	98	131-158	142	91-105	99	35	Ey	A	SH	28-43	37
10.	K 0307 (C)	WB-108	40S	22.5	tR	0.8	81-105	96	128-157	141	89-117	107	60	Ey	A	SH	29-40	37

1. Ancillary data from Hisar, Karnal, Ludhiana, Gurdaspur and Durgapura.
2. Lodging data from Hisar and Gurdaspur; Brown rust data from Karnal and Gurdaspur.
3. Yellow rust data from Hisar, Karnal, Ludhiana and Gurdaspur; Black point data from Gurdaspur only.

### Individual Station Rust Data

SN	Variety	Code	Gurdaspur		Karnal		Ludhiana	Hisar
			Br	YI	Br	YI	YI	YI
1.	WB 02*	WB-106	0	40S	tR	0	tS	0
2.	HPBW 02*	WB-109	tR	tR	5MS	0	5S	0
3.	HPBW 01*	WB-110	0	10S	tR	0	0	0
4.	HPPAU 08	WB-101	0	tR	0	0	5S	tS
5.	HPPAU 10	WB-103	tR	tR	5MS	0	0	0
6.	HPPAU 05	WB-105	tR	tR	0	0	0	tS
7.	MACS 6222 (C)	WB-102	0	tR	0	0	10S	0
8.	GW 322 (C)	WB-104	0	40S	tR	10S	10S	10S
9.	DPW 621-50 (C)	WB-107	0	20S	tR	0	5S	0
10.	K 0307 (C)	WB-108	0	40S	tR	5S	5S	40S

## Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: SPL-WB-TS-All Zones, 2015-16

SN	Variety	Code	Disease Reaction	Agronomic Characteristics							Grain Characteristics			
			LB	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1.	WB 02*	WB-106	35	80-94	88	115-134	126	90-102	96	Ey	A	SH	24-33	28
2.	HPBW 02*	WB-109	24	76-92	86	113-136	125	100-108	104	Ey	A	SH-H	28-34	30
3.	HPBW 01*	WB-110	46	76-89	84	113-128	123	98-107	104	Ey	A	SH-H	28-33	30
4.	HPPAU 08	WB-101	24	78-92	86	116-127	123	88-102	95	Ey	A	SH	28-35	31
5.	HPPAU 10	WB-103	23	74-88	80	113-129	123	92-105	100	Ey	A	SH	30-32	31
6.	HPPAU 05	WB-105	24	74-92	84	112-136	124	92-97	94	Ey	A	SH-H	26-34	31
7.	MACS 6222 (C)	WB-102	35	79-89	85	116-132	126	91-110	99	Ey	A	SH	28-34	32
8.	GW 322 (C)	WB-104	45	76-90	84	116-129	124	88-106	94	Ey	A	SH-H	32-34	32
9.	DPW 621-50 (C)	WB-107	47	79-97	87	118-132	127	95-112	101	Ey	A	SH-H	30-32	31
10.	K 0307 (C)	WB-108	34	80-90	86	115-128	123	101-108	105	Ey	A	SH	32-35	33

1. Ancillary data from Kanpur, Sabour and Varanasi.
2. Leaf blight data from Kanpur and Sabour.

## Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial: SPL-WB-TS-All Zones, 2015-16

SN	Variety	Code	Disease Reaction	Agronomic Characteristics							Grain Characteristics			
			BI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1.	WB 02*	WB-106	0	72-84	78	114-132	123	100-104	102	Ey	A	SH-H	33-38	36
2.	HPBW 02*	WB-109	0	69-76	73	112-126	119	100-109	105	Ey	A	SH	37-41	39
3.	HPBW 01*	WB-110	tS	69-78	74	111-127	119	108-110	109	Ey	A	SH-H	37-42	39
4.	HPPAU 08	WB-101	tMS	68-78	73	109-127	118	98-100	99	Ey	A	SH-H	38	38
5.	HPPAU 10	WB-103	0	66-77	72	110-126	118	102-106	104	Ey	A	SH	39-40	39
6.	HPPAU 05	WB-105	tMS	65-75	70	110-125	118	95-108	102	Ey	A	SH-H	40-44	42
7.	MACS 6222 (C)	WB-102	0	69-82	76	114-132	123	92-95	94	Ey	A	SH	41-43	42
8.	GW 322 (C)	WB-104	0	70-81	76	110-130	120	95-98	97	Ey	A	SH-H	33-38	35
9.	DPW 621-50 (C)	WB-107	tS	71-86	79	113-134	124	104-105	105	Ey	A	SH	33-35	34
10.	K 0307 (C)	WB-108	0	70-84	77	114-132	123	100-115	108	Ey	A	SH-H	35	35

1. Ancillary data from Indore and Vijapur
2. Black rust data from Vijapur only.

## Summary of Disease Data and Agronomic Characteristics

**Peninsular Zone**

**Trial: SPL-WB-TS-All Zones, 2015-16**

SN	Variety	Code	Disease Reactions		Agronomic Characteristics					Grain Characteristics		
			Br	BP	Hd. Days	Mat. Days	Ht.	Lod.	Thr.	Col.	Tex.	TGW.
1.	WB 02*	WB-106	tS	3	69	114	96	15	Ey	A	SH	33
2.	HPBW 02*	WB-109	tS	5	66	111	100	45	Ey	A	SH	38
3.	HPBW 01*	WB-110	tS	0	66	111	102	50	Ey	A	SH	38
4.	HPPAU 08	WB-101	0	0	66	110	99	10	Ey	A	H	36
5.	HPPAU 10	WB-103	10S	2	67	111	100	15	Ey	A	SH	32
6.	HPPAU 05	WB-105	tS	2	64	110	97	40	Ey	A	SH	35
7.	MACS 6222 (C)	WB-102	tR	3	65	110	88	10	Ey	A	SH	39
8.	GW 322 (C)	WB-104	10S	5	68	111	96	60	Ey	A	H	37
9.	DPW 621-50 (C)	WB-107	tS	2	69	114	91	5	Ey	A	SH	34
10.	K 0307 (C)	WB-108	10S	0	67	112	99	30	Ey	A	SH	35

1. Ancillary data from Pune only.