

**2071-SPL-HYPT-IR-ES-TAS-NWPZ, 2020-21  
LOCATIONWISE AND ZONAL MEANS (q/ha)**

SN	Variety	Code	Punjab			Haryana			U.P.			Delhi			UTK			Zonal								
			Ludhiana			Ladowal			Hisar			Karnal			Modipuram			Delhi			Pantnagar					
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G			
1	DBW328*	SPL-HYPT-101	77.2	9	1	80.5	5	0	64.6	11	0	72.5	9	0	80.8	9	0	78.4	10	0	73.6	8	0	75.4	10	0
2	DBW327*	SPL-HYPT-104	79.8	6	1	80.7	4	0	72.0	3	0	69.6	13	0	85.3	6	0	85.0	2	1	82.1	1	1	79.2	2	1
3	WH1252*	SPL-HYPT-105	67.5	16	0	69.4	15	0	74.0	2	1	61.8	16	0	78.4	12	0	74.3	14	0	65.5	16	0	70.1	15	0
4	DBW332*	SPL-HYPT-108	75.0	12	1	81.0	3	0	67.9	7	0	74.0	6	0	79.5	11	0	83.0	5	1	79.6	3	1	77.1	6	0
5	DBW333*	SPL-HYPT-112	79.5	8	1	64.0	16	0	60.8	15	0	75.9	3	1	73.3	15	0	80.1	9	0	76.2	7	0	72.8	14	0
6	DBW372	SPL-HYPT-102	81.0	3	1	80.4	6	0	64.9	10	0	72.7	7	0	84.9	7	0	84.4	3	1	71.8	12	0	77.2	5	0
7	DBW370	SPL-HYPT-103	79.8	7	1	86.9	1	1	77.6	1	1	72.4	10	0	86.1	5	0	84.3	4	1	73.6	9	0	80.1	1	1
8	PBW874	SPL-HYPT-106	80.8	4	1	74.8	12	0	63.6	13	0	72.7	8	0	83.6	8	0	66.6	16	0	77.2	6	0	74.2	13	0
9	HD3410	SPL-HYPT-107	81.1	2	1	73.4	13	0	56.5	16	0	70.9	12	0	94.5	1	1	86.1	1	1	71.5	13	0	76.3	7	0
10	PBW873	SPL-HYPT-109	80.8	5	1	76.4	9	0	66.6	8	0	71.5	11	0	76.2	14	0	74.8	13	0	73.1	11	0	74.2	12	0
11	DBW371	SPL-HYPT-110	74.7	13	1	78.5	7	0	72.0	4	0	75.0	4	1	87.1	3	0	81.7	7	1	80.2	2	1	78.5	4	1
12	PBW872	SPL-HYPT-113	81.1	1	1	81.2	2	0	71.5	6	0	74.6	5	1	93.4	2	1	80.2	8	0	68.5	15	0	78.6	3	1
13	HD3086 (C)	SPL-HYPT-111	75.6	11	1	71.8	14	0	63.6	12	0	66.1	15	0	70.2	16	0	73.5	15	0	68.9	14	0	69.9	16	0
14	DBW187(I) (C)	SPL-HYPT-114	69.7	15	0	76.3	11	0	61.5	14	0	76.5	2	1	86.7	4	0	82.4	6	1	77.9	5	0	75.9	9	0
15	WH1270(I) (C)	SPL-HYPT-115	75.7	10	1	77.4	8	0	71.9	5	0	68.2	14	0	78.3	13	0	77.2	12	0	73.2	10	0	74.6	11	0
16	DBW303(I) (C)	SPL-HYPT-116	72.6	14	0	76.3	10	0	65.3	9	0	80.2	1	1	80.7	10	0	78.1	11	0	78.9	4	0	76.0	8	0
G.M.			77.0			76.8			67.1			72.2			82.4			79.4			74.5			75.6		
S.E.(M)			2.796			1.935			1.633			2.387			1.097			2.207			1.224			0.749		
C.D. (10%)			6.6			4.6			3.9			5.7			2.6			5.2			2.9			1.7		
C.V.			7.3			5.0			4.9			6.6			2.7			5.6			3.3					
D.O.S.(dd.mm.yy)			22.10.20			23.10.20			28.10.20			25.10.20			30.10.20			22.10.20			29.10.20					

No. of Trials : Proposed = 09 Conducted = 09  
Trials not reported (02) = Gurdaspur (LSM), Sriganagar (LSM)

## Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: SPL-HYPT-IR-ES-TAS, 2020-21

SN	Variety	Code	Disease Reaction		Agronomic Characteristics								Grain Characteristics			
			Br	YI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	DBW328*	HYPT-101	0	tMR	86-110	99	145-162	153	90-111	100	25	M	A	H	39-50	45
2	DBW327*	HYPT-104	10S	0	87-110	97	145-162	153	82-108	95	10	Ey	A	H	37-54	48
3	WH1252*	HYPT-105	0	0	88-111	102	144-162	153	95-110	100	40	M	A	H	34-45	40
4	DBW332*	HYPT-108	5S	0	88-109	100	146-164	153	87-107	96	5	Ey	A	H	38-49	42
5	DBW333*	HYPT-112	0	tR	80-111	91	130-164	149	83-108	97	5	Ey	A	SH-H	38-50	45
6	DBW372	HYPT-102	20S	5S	97-113	106	144-162	153	83-110	97	5	Ey	A	H	42-48	43
7	DBW370	HYPT-103	tS	0	93-112	101	147-162	153	87-107	100	5	Ey	A	SH-H	38-48	42
8	PBW874	HYPT-106	0	0	100-117	111	150-162	158	70-107	94	5	M	A	H	34-42	38
9	HD3410	HYPT-107	0	0	98-116	109	147-166	156	90-112	103	20	Ey	A	H	37-46	42
10	PBW873	HYPT-109	40S	tMS	84-112	97	147-163	154	96-109	103	15	Ey	A	H	40-50	44
11	DBW371	HYPT-110	20S	0	89-112	102	148-165	153	90-112	103	25	Ey	A	SH-H	40-54	47
12	PBW872	HYPT-113	10S	tS	85-113	97	146-163	154	84-108	95	5	Ey	A	H	36-51	47
13	HD3086 (C)	HYPT-111	60S	tR	82-110	97	145-162	152	86-108	96	5	Ey	A	SH-H	35-46	41
14	DBW187(I) (C)	HYPT-114	10S	5S	84-114	98	146-164	154	90-109	100	25	Ey	A	H	39-50	45
15	WH1270(I) (C)	HYPT-115	10S	tR	84-112	99	146-164	153	85-108	95	10	Ey	A	H	38-50	43
16	DBW303(I) (C)	HYPT-116	10S	0	82-115	96	144-162	152	85-108	99	10	Ey	A	H	34-46	41

1. Ancillary data from BISA-Ladhowal, Hisar, Delhi, Ludhiana, Karnal, Pantnagar, Modipuram and Sriganaganagar.
2. Brown rust data from Hisar and Pantnagar.
3. Yellow rust data from Hisar and Karnal.
4. Powdery mildew data from Pantnagar only.

**SPL-HYPT-IR-ES, 2020-21**  
**North Western Plains Zone**  
**Individual Station Rust Data**

SN	Variety	Code	Yellow rust		Brown rust	
			Hisar	Karnal	Hisar	Pantnagar
1	DBW328*	HYPT-101	0	tMR	0	0
2	DBW327*	HYPT-104	0	0	10S	10S
3	WH1252*	HYPT-105	0	0	0	0
4	DBW332*	HYPT-108	0	0	0	5S
5	DBW333*	HYPT-112	0	tR	0	0
6	DBW372	HYPT-102	0	5S	20S	0
7	DBW370	HYPT-103	0	0	0	tS
8	PBW874	HYPT-106	0	0	0	0
9	HD3410	HYPT-107	0	0	0	0
10	PBW873	HYPT-109	0	tMS	40S	0
11	DBW371	HYPT-110	0	0	20S	0
12	PBW872	HYPT-113	0	tS	10S	5S
13	HD3086 (C)	HYPT-111	0	tR	0	60S
14	DBW187(I) (C)	HYPT-114	5S	tMR	10S	0
15	WH1270(I) (C)	HYPT-115	0	tR	10S	0
16	DBW303(I) (C)	HYPT-116	0	0	10S	0