

2261-SPL-HYPT-IR-ES-TAS-NWPZ, 2022-23
LOCATIONWISE & ZONAL MEAN YIELD (q/ha)

SN	Variety	Code	Delhi			Punjab			Haryana			U.P.		Zonal									
			Delhi			Ludhiana		Ladowal		Hisar		Karnal		Modipuram									
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G						
1	DBW380 [#]	SPL-HYPT-106	62.6	5	0	81.8	1	1	64.6	6	0	61.2	7	0	67.6	6	0	82.8	4	0	70.1	6	0
2	DBW187(C)	SPL-HYPT-103	59.1	7	0	74.2	6	0	64.1	7	0	67.3	3	0	74.9	2	1	86.1	1	1	70.9	5	0
3	DBW303(C)	SPL-HYPT-107	65.6	4	0	70.5	7	0	69.3	4	0	61.6	6	0	69.6	4	0	78.2	6	0	69.1	7	0
4	PBW872(I)(C)	SPL-HYPT-101	72.8	1	1	81.7	2	1	75.6	2	1	74.6	1	1	76.0	1	1	76.8	7	0	76.3	1	1
5	DBW371(I)(C)	SPL-HYPT-102	59.4	6	0	80.7	4	1	67.5	5	0	72.7	2	1	71.3	3	0	84.2	2	1	72.6	3	0
6	DBW372(I)(C)	SPL-HYPT-104	67.8	3	1	81.5	3	1	73.2	3	0	64.3	4	0	68.3	5	0	81.9	5	0	72.8	2	0
7	DBW370(I)(C)	SPL-HYPT-105	69.3	2	1	78.6	5	1	76.7	1	1	61.9	5	0	64.3	7	0	83.0	3	0	72.3	4	0
G.M.			65.2			78.4			70.1			66.2			70.3			81.9			72.0		
S.E.(M)			2.921			2.466			1.236			1.599			1.846			0.958			0.800		
C.D. (10%)			7.2			6.0			3.0			3.9			4.5			2.4			1.9		
C.V.			9.0			6.3			3.5			4.8			5.3			2.3					
D.O.S.(dd.mm.yy)			25.10.22			28.10.22			27.10.22			29.10.22			27.10.22			04.11.22					

No. of Trials : Proposed = 07 Conducted = 07
Trials not reported (01) = Sriganaganagar (RMT)

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: SPL-HYPT-IR-ES-TAS, 2022-23

SN	Variety	Code	Rust Reaction Highest score		Agronomic Characteristics								
			YI	Br	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod. %	TKW.R	TKW.M
1	DBW380#	HYPT106	tMR	0	103-116	109	147-163	154	100-118	107	63	38-47	41
2	DBW187(C)	HYPT103	tMS	10S	101-116	107	143-162	152	95-118	105	59	40-46	42
3	DBW303(C)	HYPT107	0	0	97-115	103	143-159	149	72-107	95	50	33-40	36
4	PBW872(I)(C)	HYPT101	10S	20S	97-114	104	144-158	151	92-101	97	40	42-49	45
5	DBW371(I)(C)	HYPT102	0	5MS	104-116	109	146-160	152	95-117	106	70	38-49	44
6	DBW372(I)(C)	HYPT104	10S	10S	103-118	110	145-158	151	95-109	100	33	37-42	39
7	DBW370(I)(C)	HYPT105	10S	5MS	99-116	105	143-160	149	84-109	100	24	35-41	38

1. Ancillary data from BISA-Ladhowal, Delhi, Hisar, Karnal, Ludhiana and Modipuram
2. Yellow rust data from Hisar and Karnal centres
3. Brown rust data from Karnal centre only
4. Lodging data from BISA-Ladhowal, Delhi, Hisar and Karnal centres

SPL-HYPT-IR-ES, 2022-23

North Western Plains Zone

Individual Station Rust Data

SN	Variety	Code	Yellow rust		Brown rust
			Hisar	Karnal	Karnal
1	DBW380 [#]	HYPT106	0	tMR	0
2	DBW187(C)	HYPT103	0	tMS	20S
3	DBW303(C)	HYPT107	0	0	0
4	PBW872(I)(C)	HYPT101	10S	5MS	40S
5	DBW371(I)(C)	HYPT102	0	0	5MS
6	DBW372(I)(C)	HYPT104	10S	tMS	10S
7	DBW370(I)(C)	HYPT105	10S	0	5MS

**2262-SPL-HYPT-IR-ES-TAS-CZ, 2022-23
LOCATIONWISE & ZONAL MEAN YIELD (q/ha)**

SN	Variety	Code	M.P.						Gujarat						Zonal					
			Indore			Powarkheda			BISA-Jabalpur			Junagadh			Vijapur			Yield Rk G		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW377**	SPL-HYPT-203	53.4	4	1	47.3	4	0	86.4	6	0	65.8	3	1	67.9	3	1	64.2	4	0
2	GW543	SPL-HYPT-202	54.6	3	1	49.5	3	0	88.0	3	1	68.1	1	1	70.3	1	1	66.1	2	1
3	CG1044	SPL-HYPT-204	54.9	2	1	59.1	2	1	87.6	4	1	66.8	2	1	68.8	2	1	67.4	1	1
4	DBW303(C)	SPL-HYPT-201	51.5	6	1	43.4	6	0	86.5	5	0	64.8	4	0	55.8	6	0	60.4	6	0
5	DBW187(C)	SPL-HYPT-205	52.9	5	1	45.5	5	0	88.5	2	1	62.7	5	0	61.4	5	0	62.2	5	0
6	GW322(C)	SPL-HYPT-206	55.7	1	1	59.3	1	1	92.0	1	1	60.2	6	0	62.1	4	0	65.9	3	1
G.M.			53.8			50.7			88.2			64.7			64.4			64.4		
S.E.(M)			2.512			1.461			1.952			1.303			2.119			0.859		
C.D. (10%)			6.2			3.6			4.8			3.2			5.3			2.0		
C.V.			9.3			5.8			4.4			4.0			6.6					
D.O.S.(dd.mm.yy)			10.11.22			07.11.22			06.11.22			04.11.22			05.11.22					

No. of Trials : Proposed = 07 Conducted = 07
Trials not reported (02) = Bilaspur (RMT), JNKVV-Jabalpur (RMT)

Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial: SPL-HYPT-IR-ES-TAS, 2022-23

SN	Variety	Code	Agronomic Characteristics							Grain weight	
			Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	TKW.R	TKW.M
1	DBW377#*	HYPT203	57-85	71	103-134	122	74-98	86	0	40-51	48
2	GW543	HYPT202	52-77	66	98-129	118	72-99	87	60	46-50	48
3	CG1044	HYPT204	58-80	69	102-132	122	83-110	92	80	43-51	47
4	DBW303(C)	HYPT201	54-81	65	106-129	119	76-95	86	0	37-45	41
5	DBW187(C)	HYPT205	50-81	66	100-129	119	78-103	89	10	44-51	47
6	GW322(C)	HYPT206	55-77	66	98-130	119	76-97	87	60	39-48	43

1. Ancillary data from BISA-Jabalpur, Indore, Jabalpur, Junagadh, Powarkheda and Vijapur centres.
2. Lodging data from BISA-Jabalpur centre only