

2161-SPL-AST-IR-TS-TAS-NWPZ, 2021-22
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Punjab						Haryana						U.P.		
			Muktsar			Bhatinda			CSSRI-Karnal			IIWBR-Hisar			Agra		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW366	AST401	24.1	9	0	43.1	3	0	32.2	3	1	50.2	2	0	54.0	1	1
2	UAS310	AST402	34.2	2	1	48.1	1	1	28.9	8	0	47.6	4	0	49.8	3	0
3	DBW402	AST403	26.0	7	0	34.7	9	0	30.8	4	0	46.1	6	0	48.3	6	0
4	KRL2006	AST404	34.2	1	1	38.1	5	0	30.5	5	0	44.1	7	0	49.1	5	0
5	DBW365	AST405	32.5	4	1	44.7	2	0	35.4	1	1	57.0	1	1	52.5	2	1
6	KRL2021	AST406	29.9	5	0	34.7	8	0	17.9	11	0	40.8	8	0	48.1	8	0
7	HD3415	AST407	24.1	10	0	39.7	4	0	25.7	9	0	49.9	3	0	47.0	9	0
8	RAJ4565	AST408	24.2	8	0	36.4	7	0	29.9	6	0	39.0	9	0	45.9	10	0
9	KRL19(C)	AST409	33.9	3	1	28.1	10	0	22.3	10	0	37.5	10	0	48.1	7	0
10	KRL210(C)	AST410	29.8	6	0	37.0	6	0	32.5	2	1	46.5	5	0	49.7	4	0
11	Kharchia65(C)	AST411	21.1	11	0	21.7	11	0	29.2	7	0	25.2	11	0	24.0	11	0
G.M.			28.5			36.9			28.7			44.0			47.0		
S.E.(M)			0.823			1.251			1.374			2.643			1.072		
C.D. (10%)			2.0			3.0			3.3			6.3			2.5		
C.V.			11.0			12.9			18.2			22.8			8.7		
D.O.S.(dd.mm.yy)			14.11.21			09.11.21			05.11.21			10.11.21			15.11.21		

No. of Trials : Proposed = 06 Conducted = 06
Trials not reported (01) = Anjanthali (RMT)

2161-SPL-AST-IR-TS-TAS-NWPZ, 2021-22
STATE AND ZONAL MEANS (q/ha)

SN	Variety	Code	Punjab			Haryana			U.P.			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW366	AST401	33.6	4	0	41.2	2	0	54.0	1	1	40.7	3	0
2	UAS310	AST402	41.1	1	1	38.2	5	0	49.8	3	0	41.7	2	0
3	DBW402	AST403	30.4	9	0	38.4	4	0	48.3	6	0	37.2	7	0
4	KRL2006	AST404	36.1	3	0	37.3	7	0	49.1	5	0	39.2	4	0
5	DBW365	AST405	38.6	2	0	46.2	1	1	52.5	2	1	44.4	1	1
6	KRL2021	AST406	32.3	6	0	29.4	10	0	48.1	8	0	34.3	9	0
7	HD3415	AST407	31.9	7	0	37.8	6	0	47.0	9	0	37.3	6	0
8	RAJ4565	AST408	30.3	10	0	34.5	8	0	45.9	10	0	35.1	8	0
9	KRL19(C)	AST409	31.0	8	0	29.9	9	0	48.1	7	0	34.0	10	0
10	KRL210(C)	AST410	33.4	5	0	39.5	3	0	49.7	4	0	39.1	5	0
11	Kharchia65(C)	AST411	21.4	11	0	27.2	11	0	24.0	11	0	24.2	11	0
G.M.			32.7			36.3			47.0			37.0		
S.E.(M)			0.749			1.490			1.072			0.700		
C.D. (10%)			1.8			3.5			2.5			1.6		

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: SPL-AST-IR-TS, 2021-22

SN	Variety	Code	Agronomic Characteristics								
			Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	TGW.R	TGW.M
1.	DBW366	AST401	90-105	98	128-142	139	67-104	90	0	40-49	45
2.	UAS310	AST402	95-108	102	130-142	138	73-118	99	5	41-44	43
3.	DBW402	AST403	88-113	102	130-147	140	74-108	91	5	38-44	42
4.	KRL2006	AST404	85-107	98	126--142	137	75-106	92	0	37-43	40
5.	DBW365	AST405	85-107	97	128-144	138	75-110	94	0	41-55	48
6.	KRL2021	AST406	95-110	102	133-152	141	76-111	96	0	36-43	40
7.	HD3415	AST407	97-111	104	137-154	143	80-123	101	15	37-43	40
8.	RAJ4565	AST408	88-109	101	130-143	139	64-100	84	5	40-45	42
9.	KRL19(C)	AST409	92-102	97	133-144	139	68-92	83	15	32-43	38
10.	KRL210(C)	AST410	95-107	101	131-140	137	71-103	87	0	35-41	38
11.	Kharchia65(C)	AST411	90-112	99	132-145	139	88-142	110	60	31-40	36

1. Ancillary and lodging data from CSSRI Karnal, IIWBR Hisar, Muktsar, Bhatinda and Agra.
2. Yellow (40S) and Brown(20S) rust data from CSSRI Karnal in only one entry, Kharchia65.