

1505-SPL-AST-IR-TS-TAS-All Zones, 2015-16
Locationwise Mean Yield (q/ha)

SN	Variety	Code	Haryana									Punjab					
			CSSRI Karnal			CSSRI Nain			Hisar			Bawal			Muktsar		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	DBW 216	AST-102	27.7	1	1	44.0	1	1	29.1	7	1	28.9	7	1	25.5	4	1
2.	NW 6094	AST-103	19.6	9	0	35.6	8	0	29.1	6	1	32.7	2	1	24.7	5	1
3.	WH 1310	AST-104	19.9	8	0	37.5	4	1	28.1	8	1	29.7	5	1	22.3	10	0
4.	DBW 215	AST-105	19.2	10	0	37.3	5	1	33.4	3	1	24.9	8	0	24.5	7	1
5.	KA 1427	AST-106	21.0	6	0	34.6	9	0	30.4	5	1	24.5	10	0	24.5	6	1
6.	DBW 217	AST-109	27.2	2	1	40.1	3	1	34.2	1	1	29.8	4	1	23.2	9	1
7.	DBW 214	AST-110	23.3	5	1	36.2	7	1	33.6	2	1	32.8	1	1	26.0	2	1
8.	KRL 210 (C)	AST-101	23.5	4	1	42.8	2	1	30.5	4	1	29.2	6	1	26.6	1	1
9.	Kharchia65(C)	AST-107	20.9	7	0	29.1	10	0	10.0	10	0	32.3	3	1	24.4	8	1
10.	KRL 19 (C)	AST-108	24.6	3	1	36.4	6	1	23.0	9	0	24.7	9	0	25.9	3	1
G.M.			22.7			37.4			28.1			28.9			24.8		
S.E.(M)			2.193			2.907			2.386			1.546			1.469		
C.D.			N.S.			8.3			6.8			4.4			N.S.		
C.V.			23.7			19.1			20.8			13.1			14.5		
D.O.S. (d.m.y.)			18.11.2015			21.11.2015			20.11.2015			14.11.2015			15.11.2015		

Trials proposed & conducted = 11 Trial not reported (1) = IIWBR-Hisar (UY)

Locationwise Mean Yield (q/ha)

SN	Variety	Code	Uttar Pradesh						Rajasthan			Gujarat					
			Dalipnagar			Lucknow			Faizabad			Vanasthali			Bharuch		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	DBW 216	AST-102	22.5	4	0	30.9	4	1	30.2	2	1	30.4	4	0	22.4	7	0
2.	NW 6094	AST-103	22.9	3	0	23.0	10	0	22.6	6	0	23.5	8	0	30.2	4	1
3.	WH 1310	AST-104	21.4	7	0	25.4	9	1	26.4	4	0	22.3	9	0	11.5	10	0
4.	DBW 215	AST-105	15.6	9	0	28.5	6	1	20.0	8	0	20.8	10	0	25.8	5	0
5.	KA 1427	AST-106	22.2	5	0	27.4	7	1	30.0	3	1	27.1	6	0	30.8	3	1
6.	DBW 217	AST-109	24.4	2	0	25.5	8	1	18.2	9	0	31.9	3	0	21.5	8	0
7.	DBW 214	AST-110	21.9	6	0	29.7	5	1	20.5	7	0	29.6	5	0	23.0	6	0
8.	KRL 210 (C)	AST-101	29.6	1	1	31.9	2	1	17.4	10	0	34.4	2	0	34.0	1	1
9.	Kharchia 65(C)	AST-107	17.3	8	0	31.4	3	1	24.1	5	0	25.4	7	0	32.1	2	1
10.	KRL 19 (C)	AST-108	11.3	10	0	32.5	1	1	31.5	1	1	39.8	1	1	20.5	9	0
G.M.			20.9			28.6			24.1			28.5			25.2		
S.E.(M)			1.014			2.817			1.613			1.477			1.688		
C.D.			2.9			N.S.			4.6			4.2			4.8		
C.V.			11.9			24.1			16.4			12.7			16.4		
D.O.S. (d.m.y.)			20.11.2015			20.11.2015			19.11.2015			20.11.2015			20.11.2015		

SPL-AST-IR-TS-TAS-All Zones, 2015-16
State and Zonal Mean Yield (q/ha)

SN	Variety	Code	Haryana			Punjab			Uttar Pradesh			Rajasthan			Gujarat			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	DBW 216	AST-102	32.4	2	1	25.5	4	1	27.9	1	1	30.4	4	0	22.4	7	0	29.2	2	1
2.	NW 6094	AST-103	29.2	5	0	24.7	5	1	22.8	8	0	23.5	8	0	30.2	4	1	26.4	7	0
3.	WH 1310	AST-104	28.8	6	0	22.3	10	0	24.4	5	0	22.3	9	0	11.5	10	0	24.4	10	0
4.	DBW 215	AST-105	28.7	7	0	24.5	7	1	21.4	10	0	20.8	10	0	25.8	5	0	25.0	8	0
5.	KA 1427	AST-106	27.6	8	0	24.5	6	1	26.5	2	1	27.1	6	0	30.8	3	1	27.2	5	0
6.	DBW 217	AST-109	32.8	1	1	23.2	9	1	22.7	9	0	31.9	3	0	21.5	8	0	27.6	4	0
7.	DBW 214	AST-110	31.5	4	1	26.0	2	1	24.0	7	0	29.6	5	0	23.0	6	0	27.7	3	0
8.	KRL 210 (C)	AST-101	31.5	3	1	26.6	1	1	26.3	3	1	34.4	2	0	34.0	1	1	30.0	1	1
9.	Kharchia65(C)	AST-107	23.1	10	0	24.4	8	1	24.3	6	0	25.4	7	0	32.1	2	1	24.7	9	0
10.	KRL 19 (C)	AST-108	27.2	9	0	25.9	3	1	25.1	4	1	39.8	1	1	20.5	9	0	27.0	6	0
G.M.			29.3			24.8			24.5			28.5			25.2			26.9		
C.D.			3.2			N.S.			3.2			4.2			4.8			1.8		

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: SPL-AST-IR-TS-TAS-NAT-Zone, 2015-16

SN	Variety	Code	Rust 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.	DBW 216	AST-102	0	0	82-96	88	126-140	134	69-98	87	-	Ey	A	SH-H	28-36	33
2.	NW 6094	AST-103	tS	10S	79-97	87	125-139	133	70-100	87	10	Ey	A	SH	33-44	38
3.	WH 1310	AST-104	tS	0	79-99	87	127-142	134	83-104	97	10	Ey	A	SH	30-40	34
4.	DBW 215	AST-105	0	0	84-108	95	132-151	138	66-101	90	5	Ey	A	SH	27-44	37
5.	KA 1427	AST-106	0	0	82-102	92	129-149	137	72-99	85	5	Ey	A	H	31-37	35
6.	DBW 217	AST-109	0	0	81-98	91	130-145	135	71-96	86	-	Ey	A	SH	29-45	38
7.	DBW 214	AST-110	0	tS	84-96	88	127-140	133	75-101	90	-	Ey	A	SH-H	31-38	34
8.	KRL 210(C)	AST-101	20S	tS	82-96	88	125-139	132	73-94	85	5	Ey	A	SH	30-40	36
9.	Kharchia 65(C)	AST-107	80S	80S	78-93	85	128-139	133	66-112	97	70	Ey	R	SH-H	30-34	33
10.	KRL-19 (C)	AST-108	0	0	74-97	83	122-140	132	72-85	82	10	Ey	A	SH	30-34	32

1. Ancillary data included from Karnal, Bawal, Hisar, Vanasthali and Muktsar
2. Rust data from Hisar centre.
3. Lodging data from Karnal and Hisar.

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: SPL-AST-IR-TS-TAS-NAT- Zone, 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.	DBW 216	AST-102	24	80-85	82	120-126	123	80-94	87	Ey	A	SH-H	25-39	32
2.	NW 6094	AST-103	12	81-88	85	119-128	124	73-90	81	Ey	A	SH	28-40	34
3.	WH 1310	AST-104	12	83-91	87	120-131	126	80-101	91	Ey	A	SH	25-39	32
4.	DBW 215	AST-105	12	84-94	89	124-133	129	81-97	89	Ey	A	SH	28-37	33
5.	KA 1427	AST-106	12	82-92	87	125-129	127	77-79	78	Ey	A	SH	28-35	31
6.	DBW 217	AST-109	12	81-91	86	122-128	125	71-87	79	Ey	A	SH	28-44	36
7.	DBW 214	AST-110	12	80-86	83	121-127	124	76-92	84	Ey	A	SH-H	27-36	31
8.	KRL 210(C)	AST-101	12	82-86	84	122-130	126	71-90	81	Ey	A	SH	29-39	34
9.	Kharchia 65(C)	AST-107	68	80-82	81	122-131	127	80-117	98	Ey	R	SH	30-36	33
10.	KRL-19(C)	AST-108	35	79-80	80	120-129	125	72-87	80	Ey	A	SH	27-42	34

1. Ancillary data included from Faizabad and Lucknow.
2. Leaf blight data from Faizabad centre only.