

**SPL-AST-IR-TS-TAS-NAT. ZONE, 2014-15**  
**Locationwise Mean Yield (q/ha)**

SN	Variety	Code	Gujarat	Haryana				Uttar Pradesh					
			Bharuch	CSSRI Karnal		Hisar		Bawal		Dalipnagar		Faizabad	
			Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G			
1.	DBW 185	SPL-AST-01	24.5 10 0	36.0 5 1	39.4 1 1	42.0 3 1	28.8 9 0	27.1 9 0					
2.	DBW 182	SPL-AST-03	23.6 11 0	31.2 8 0	35.4 2 0	37.8 8 1	39.6 1 1	43.8 1 1					
3.	DBW 183	SPL-AST-04	28.2 6 1	31.0 9 0	27.7 9 0	36.8 9 1	28.1 10 0	33.1 5 0					
4.	DBW 181	SPL-AST-05	32.3 1 1	27.6 10 0	30.0 6 0	39.4 6 1	27.7 11 0	33.8 4 0					
5.	KRL 350	SPL-AST-07	28.1 7 1	38.5 2 1	34.4 4 0	39.5 5 1	30.4 7 0	29.1 8 0					
6.	WH 1309	SPL-AST-08	28.8 5 1	40.7 1 1	31.5 5 0	43.0 1 1	35.8 3 0	35.7 3 0					
7.	DBW 184	SPL-AST-09	31.3 3 1	32.8 7 0	26.9 10 0	29.7 11 0	32.7 5 0	29.9 6 0					
8.	KRL 351	SPL-AST-10	32.0 2 1	36.3 4 1	29.0 8 0	42.4 2 1	38.1 2 1	24.6 10 0					
9.	KRL-19 (C)	SPL-AST-02	25.4 8 0	35.4 6 1	29.4 7 0	40.2 4 1	30.2 8 0	29.4 7 0					
10.	KRL 210 (C)	SPL-AST-06	25.1 9 0	38.4 3 1	35.4 2 0	38.2 7 1	34.4 4 0	38.5 2 0					
11.	Kharchia 65 (C)	SPL-AST-11	29.2 4 1	26.2 11 0	16.7 11 0	31.1 10 0	31.0 6 0	23.6 11 0					
G.M.			28.0	34.0	30.5	38.2	32.4	31.7					
S.E.(M)			1.522	2.155	0.714	2.380	0.599	1.209					
C.D.			4.3	6.1	2.0	6.8	1.7	3.4					
C.V.			15.3	17.9	6.6	17.6	5.2	10.8					
D.O.S. (d.m.y)			19.11.2014	5.11.2014	15.11.2014	14.11.2014	14.11.2014	25.11.2014					

Trials proposed & conducted = 8

Trials not reported (2) : Lucknow (ID), Vanasthali (UY, ID)

**SPL-AST-IR-TS-TAS-NAT. ZONE, 2014-15**  
**State and Zonal Mean Yield (q/ha)**

SN	Variety	Code	Gujarat	Haryana	Uttar Pradesh	Zonal
			Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G
1.	DBW 185	SPL-AST-01	24.5 10 0	39.1 1 1	27.9 10 0	33.0 6 0
2.	DBW 182	SPL-AST-03	23.6 11 0	34.8 7 0	41.7 1 1	35.2 2 1
3.	DBW 183	SPL-AST-04	28.2 6 1	31.8 9 0	30.6 7 0	30.8 9 0
4.	DBW 181	SPL-AST-05	32.3 1 1	32.3 8 0	30.7 6 0	31.8 7 0
5.	KRL 350	SPL-AST-07	28.1 7 1	37.5 3 1	29.7 9 0	33.3 5 0
6.	WH 1309	SPL-AST-08	28.8 5 1	38.4 2 1	35.8 3 0	35.9 1 1
7.	DBW 184	SPL-AST-09	31.3 3 1	29.8 10 0	31.3 5 0	30.6 10 0
8.	KRL 351	SPL-AST-10	32.0 2 1	35.9 5 0	31.4 4 0	33.7 4 0
9.	KRL-19 (C)	SPL-AST-02	25.4 8 0	35.0 6 0	29.8 8 0	31.7 8 0
10.	KRL 210 (C)	SPL-AST-06	25.1 9 0	37.3 4 1	36.5 2 0	35.0 3 1
11.	Kharchia 65 (C)	SPL-AST-11	29.2 4 1	24.6 11 0	27.3 11 0	26.3 11 0
G.M.			28.0	34.2	32.1	32.5
C.D.			4.3	3.1	1.9	1.8

## Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: SPL-AST-IR-TS-TAS-NAT. ZONE, 2014-15

SN	Variety	Code	Brown Rust Reaction	Agronomic Characteristics								Grain Characteristics			
				Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	DBW 185	SPL-AST-01	10S	91-109	100	141-145	143	87-100	94	25	Ey	A	SH-H	41-46	44
2	DBW 182	SPL-AST-03	5S	97-104	101	145-147	146	87-99	93	10	Ey	A	SH	37-42	39
3	DBW 183	SPL-AST-04	tS	92-111	102	142-145	144	84-95	90	10	Ey	A	SH	33-40	37
4	DBW 181	SPL-AST-05	0	108-112	110	144-158	151	93-108	101	20	Ey	A	SH-H	42-44	43
5	KRL 350	SPL-AST-07	0	85-110	98	135-145	140	87-100	94	5	Ey	A	SH-H	32-34	33
6	WH 1309	SPL-AST-08	60S	89-111	100	139-144	142	104-111	108	10	Ey	A	SH	49-50	49
7	DBW 184	SPL-AST-09	tS	98-105	102	144-148	146	95-100	98	20	Ey	A	SH	37-45	41
8	KRL 351	SPL-AST-10	20S	97-107	102	146-147	147	81-95	88	5	Ey	A	SH	33-41	37
9	KRL-19 (C)	SPL-AST-02	tS	76-105	91	126-146	136	86-89	88	35	Ey	A	SH-H	34-35	35
10	KRL 210 (C)	SPL-AST-06	40S	89-110	100	139-144	142	87-96	92	10	Ey	A	SH	38-41	39
11	Kharchia 65 (C)	SPL-AST-11	70S	89-107	98	142-143	143	116-127	122	75	Ey	R	SH	31-34	32

1. Ancillary data included from Karnal and Hisar
2. Brown 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, 2014-15

SN	Variety	Code	Disease Reaction	Agronomic Characteristics								Grain Characteristics		
			Leaf Blight	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.M
1	DBW 185	SPL-AST-01	24	74-86	80	122-125	124	80-93	87	-	Ey	A	H	42
2	DBW 182	SPL-AST-03	35	76-76	76	121-123	122	76-86	81	-	Ey	A	H	35
3	DBW 183	SPL-AST-04	24	73-84	79	119-123	121	81-83	82	-	Ey	A	SH	42
4	DBW 181	SPL-AST-05	12	81-87	84	122-127	125	82-87	84	-	Ey	A	SH	42
5	KRL 350	SPL-AST-07	35	73-78	76	122-125	124	72-81	77	-	Ey	A	SH	35
6	WH 1309	SPL-AST-08	36	75-75	75	121-124	123	90-104	97	-	Ey	A	SH	45
7	DBW 184	SPL-AST-09	67	81-88	85	123-127	125	85-95	90	-	Ey	A	SH	42
8	KRL 351	SPL-AST-10	45	71-75	73	121-123	122	75-82	79	-	Ey	A	SH	37
9	KRL-19 (C)	SPL-AST-02	12	74-81	78	120-123	122	72-86	79	-	Ey	A	SH	39
10	KRL 210 (C)	SPL-AST-06	12	74-75	75	120-122	121	75-78	77	-	Ey	A	SH	40
11	Kharchia 65 (C)	SPL-AST-11	35	72-76	74	119-125	122	83-101	92	5	Ey	R	H	37

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

## Summary of Disease Data and Agronomic Characteristics

**Central Zone**

**Trial: SPL-AST-IR-TS-TAS-NAT. ZONE, 2014-15**

SN	Variety	Code	Agronomic Characteristics					Grain Characteristics		
			Hd.M	Mat.M	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.M
1	DBW 185	SPL-AST-01	57	107	67	-	Ey	A	H	44
2	DBW 182	SPL-AST-03	62	113	71	-	Ey	A	H	42
3	DBW 183	SPL-AST-04	54	111	65	-	Ey	A	H	40
4	DBW 181	SPL-AST-05	60	113	92	-	Ey	A	H	44
5	KRL 350	SPL-AST-07	67	111	74	-	Ey	A	H	38
6	WH 1309	SPL-AST-08	70	115	80	-	Ey	A	H	54
7	DBW 184	SPL-AST-09	53	107	68	-	Ey	A	H	53
8	KRL 351	SPL-AST-10	58	109	76	-	Ey	A	H	45
9	KRL-19 (C)	SPL-AST-02	65	109	63	-	Ey	A	SH	39
10	KRL 210 (C)	SPL-AST-06	63	111	67	-	Ey	A	H	46
11	Kharchia 65 (C)	SPL-AST-11	56	111	98	70	M	R	SH	43

1. Ancillary data included from Bharuch
2. No disease data was reported