

**SPL-DIC-IR-TS-All Zones, 2014-15
Locationwise Mean Yield (q/ha)**

SN	Variety	Code	Maharashtra						Karnataka					
			Pune			Karad			Dharwad			Kalloli		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	DDK 1049	SPL-DIC-02	56.9	2	0	64.7	2	1	37.8	5	1	53.2	1	1
2.	MACS 5043	SPL-DIC-04	42.1	7	0	59.3	6	0	39.0	4	1	40.9	6	0
3.	DDK 1048	SPL-DIC-05	53.8	3	0	60.9	5	1	40.5	3	1	51.6	2	1
4.	MACS 5041	SPL-DIC-06	46.9	6	0	62.5	4	1	41.5	2	1	46.7	5	1
5.	DDK 1029 (C)	SPL-DIC-03	51.8	5	0	63.7	3	1	35.9	7	0	49.4	4	1
6.	HW 1098 (C)	SPL-DIC-07	53.4	4	0	66.1	1	1	41.9	1	1	51.4	3	1
7.	MACS 6222 (aest.)(C)	SPL-DIC-01	65.6	1	1	53.6	7	0	37.2	6	1	37.7	7	0
G.M.			52.9			61.5			39.1			47.3		
S.E.(M)			1.704			2.112			1.941			2.512		
C.D.			5.1			6.3			5.8			7.5		
C.V.			6.4			6.9			9.9			10.6		
D.O.S. (d.m.y)			14.11.2014			15.11.2014			11.11.2014			14.11.2014		

Trials proposed & conducted : 10

Trials not reported (2) : Kolhapur (RMT), Mandhya (LSM)

**SPL-DIC-IR-TS-All Zones, 2014-15
Locationwise Mean Yield (q/ha)**

SN	Variety	Code	Karnataka									Tamilnadu		
			Mudhol			Ugar			Arbhavi			Wellington		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	DDK 1049	SPL-DIC-02	43.2	3	1	50.2	1	1	42.2	2	0	34.9	2	1
2.	MACS 5043	SPL-DIC-04	40.8	5	0	40.8	6	0	35.1	6	0	29.9	6	1
3.	DDK 1048	SPL-DIC-05	41.0	4	0	48.5	3	1	40.8	4	0	35.5	1	1
4.	MACS 5041	SPL-DIC-06	46.5	1	1	42.9	5	0	42.0	3	0	29.9	7	1
5.	DDK 1029 (C)	SPL-DIC-03	46.1	2	1	49.3	2	1	31.2	7	0	33.5	4	1
6.	HW 1098 (C)	SPL-DIC-07	40.8	6	0	43.8	4	1	40.4	5	0	31.5	5	1
7.	MACS 6222 (aest.)(C)	SPL-DIC-01	29.8	7	0	34.8	7	0	53.4	1	1	34.2	3	1
G.M.			41.2			44.3			40.7			32.8		
S.E.(M)			1.798			2.384			2.368			1.908		
C.D.			5.3			7.1			7.0			5.7		
C.V.			8.7			10.8			11.6			11.6		
D.O.S. (d.m.y)			14.11.2014			13.11.2014			13.11.2014			27.11.2014		

**SPL-DIC-IR-TS-All Zones, 2014-15
State and Zonal Mean Yield (q/ha)**

SN	Variety	Code	Maharashtra			Karnataka			Tamilnadu			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	DDK 1049	SPL-DIC-02	60.8	1	1	45.3	1	1	34.9	2	1	47.9	1	1
2.	MACS 5043	SPL-DIC-04	50.7	7	0	39.3	6	0	29.9	6	1	41.0	7	0
3.	DDK 1048	SPL-DIC-05	57.4	5	1	44.5	2	1	35.5	1	1	46.6	2	1
4.	MACS 5041	SPL-DIC-06	54.7	6	0	43.9	3	1	29.9	7	1	44.9	5	0
5.	DDK 1029 (C)	SPL-DIC-03	57.7	4	1	42.4	5	0	33.5	4	1	45.1	4	0
6.	HW 1098 (C)	SPL-DIC-07	59.7	2	1	43.7	4	1	31.5	5	1	46.2	3	1
7.	MACS 6222 (aest.)(C)	SPL-DIC-01	59.6	3	1	38.6	7	0	34.2	3	1	43.3	6	0
G.M.			57.2			42.5			32.8			45.0		
C.D.			3.9			2.8			5.7			2.1		

Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

Trial: SPL-DIC-IR-TS-ALL ZONES, 2014-15

SN	Variety	Code	Disease Reaction		Agronomic Characteristics								Grain Characteristics			
			Br	BP	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	DDK 1049	SPL-DIC-02	0	0	61-83	68	106-127	113	73-95	81	30	H	R	SH	40-48	43
2	MACS 5043	SPL-DIC-04	tS	0	71-81	74	109-125	115	83-103	97	35	H	R	SH	38-48	42
3	DDK 1048	SPL-DIC-05	tR	0	68-82	71	109-125	113	64-78	82	25	H	R	SH	37-52	45
4	MACS 5041	SPL-DIC-06	0	0	70-81	74	108-123	114	91-103	98	35	H	R	SH	35-44	41
5	DDK 1029 (C)	SPL-DIC-03	0	0	70-81	73	107-125	115	76-101	94	30	H	R	SH-H	37-49	45
6	HW 1098 (C)	SPL-DIC-07	0	0	70-79	72	109-122	114	82-99	92	40	H	R	SH	38-49	41
7	MACS 6222 (<i>aest.</i>)(C)	SPL-DIC-01	0	4	53-73	58	98-116	105	80-101	86	0	Ey	A	SO-SH	40-46	44

1. Ancillary data from Pune, Karad, Dharwad, Kaloli, Mudhol, Ugar and Arbhavi
2. Brown rust and Black point data from Pune.
3. Lodging data from Pune.

Summary of Disease Data and Agronomic Characteristics

Southern Hills Zone

Trial: SPL-DIC-IR-TS-ALL ZONES, 2014-15

SN	Variety	Code	Disease Reaction			Agronomic Characteristics							Grain Characteristics			
			BI	Br	YI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	DDK 1049	SPL-DIC-02	0	0	20S	68-70	69	110-115	113	90	90	H	R	SH-H	65	65
2	MACS 5043	SPL-DIC-04	0	0	30MS	72-75	74	112-118	115	90-95	93	H	R	H	70-74	72
3	DDK 1048	SPL-DIC-05	0	0	20MS	70-78	74	108-118	113	88-92	90	H	R	H	68-72	70
4	MACS 5041	SPL-DIC-06	0	0	10S	70-73	72	110	110	90-94	92	H	R	H	70	70
5	DDK 1029 (C)	SPL-DIC-03	0	0	20MR	70-75	73	110-116	113	92-98	95	H	R	H	62-72	67
6	HW 1098 (C)	SPL-DIC-07	0	0	10S	74-75	75	112	112	92-95	94	H	R	H	68	68
7	MACS 6222 (<i>aest.</i>)(C)	SPL-DIC-01	10MR	40S	0	75	75	115	115	95	95	Ey	A	H	45	45

1. Ancillary data from Wellington and Mandya.
2. Brown rust and yellow rust data from Wellington and Mandya, while black rust data from Wellington only.

Individual Station Rust Data

SN	Variety	Code	Mandya		Wellington		
			Br	YI	BI	Br	YI
1	DDK 1049	SPL-DIC-02	0	20S	0	0	10MR
2	MACS 5043	SPL-DIC-04	0	10MS	0	0	30MS
3	DDK 1048	SPL-DIC-05	0	20MS	0	0	10MR
4	MACS 5041	SPL-DIC-06	0	10S	0	0	20MR
5	DDK 1029 (C)	SPL-DIC-03	0	0	0	0	20MR
6	HW 1098 (C)	SPL-DIC-07	0	10S	0	0	20MR
7	MACS 6222 (<i>aest.</i>)(C)	SPL-DIC-01	40S	0	10MR	30S	0