

**1208-SPL-DIC-IR-TS-ALL ZONES, 2012-13
LOCATIONWISE MEAN YIELDS (q/ha)**

VARIETY	CODE	KARNATAKA											
		DHARWAD			ARABHAVI			KALLOLI			MUDHOL		
		Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1. HW 1099	SPL-DIC-01	40.7	5	1	38.1	5	0	40.7	4	1	34.7	5	0
2. DDK 1042	SPL-DIC-02	41.6	2	1	45.8	1	1	43.9	1	1	39.8	2	1
3. DDK 1045	SPL-DIC-03	36.8	9	0	37.3	7	0	31.2	9	0	38.8	3	1
4. DDK 1044	SPL-DIC-04	41.2	3	1	40.8	3	0	41.9	3	1	34.1	6	0
5. MACS 5022	SPL-DIC-06	39.3	7	1	38.1	5	0	36.6	6	0	30.7	10	0
6. MACS 5032	SPL-DIC-07	40.9	4	1	40.0	4	0	27.5	10	0	31.7	9	0
7. MACS 5031	SPL-DIC-08	40.0	6	1	35.4	9	0	40.0	5	1	34.9	4	0
8. MACS 2971 (C)	SPL-DIC-05	37.4	8	0	36.7	8	0	31.9	8	0	33.9	7	0
9. DDK 1029 (C)	SPL-DIC-09	35.3	10	0	35.0	10	0	35.3	7	0	32.4	8	0
10. MACS 2496 (C)	SPL-DIC-10	44.5	1	1	41.3	2	1	42.4	2	1	40.2	1	1
G.M.		39.8			38.9			37.1			35.1		
S.E.(M)		2.373			1.608			1.837			1.498		
C.D.		6.9			4.7			5.3			4.3		
C.V.		11.9			8.3			9.9			8.5		
D.O.S.(dd.mm.yy)		12.11.12			9.11.12			8.11.12			15.11.12		

No. of Trials : Proposed & Conducted = 12

Trials not Reported (04) : Wellington(RMT), Kolhapur(LSM,HCV), Junagarh(LS,LSM)
Mandya(LS,LSM)

**1208-SPL-DIC-IR-TS-ALL ZONES, 2012-13
LOCATIONWISE MEAN YIELDS (q/ha)**

VARIETY	CODE	KARNATAKA			MAHARASHTRA			GUJARAT					
		UGARKHURD			KARAD			PUNE			VIJAPUR		
		Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1. HW 1099	SPL-DIC-01	40.8	5	1	36.5	5	0	44.5	3	0	36.1	5	0
2. DDK 1042	SPL-DIC-02	43.0	2	1	31.8	7	0	43.0	5	0	29.7	9	0
3. DDK 1045	SPL-DIC-03	40.4	7	1	24.9	10	0	36.5	9	0	26.3	10	0
4. DDK 1044	SPL-DIC-04	44.4	1	1	34.1	6	0	43.0	6	0	35.0	6	0
5. MACS 5022	SPL-DIC-06	39.0	8	1	51.2	1	1	40.5	7	0	38.4	4	1
6. MACS 5032	SPL-DIC-07	37.2	9	0	28.1	9	0	43.2	4	0	32.4	8	0
7. MACS 5031	SPL-DIC-08	41.4	4	1	36.9	4	0	46.4	2	1	39.9	2	1
8. MACS 2971 (C)	SPL-DIC-05	40.7	6	1	39.7	3	0	36.0	10	0	34.1	7	0
9. DDK 1029 (C)	SPL-DIC-09	37.2	10	0	29.1	8	0	40.4	8	0	38.7	3	1
10. MACS 2496 (C)	SPL-DIC-10	41.7	3	1	46.6	2	1	50.7	1	1	41.6	1	1
G.M.		40.6			35.9			42.4			35.2		
S.E.(M)		2.131			2.372			1.900			1.430		
C.D.		6.2			6.9			5.5			4.1		
C.V.		10.5			13.2			9.0			8.1		
D.O.S.(dd.mm.yy)		8.11.12			9.11.12			8.11.12			10.11.12		

**1208-SPL-DIC-IR-TS-ALL ZONES, 2012-13
STATE AND ZONAL MEANS (q/ha)**

VARIETY	CODE	KARNATAKA			MAHARASHTRA			GUJARAT			ZONAL		
		Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1. HW 1099	SPL-DIC-01	39.0	4	0	40.5	4	0	36.1	5	0	39.0	6	0
2. DDK 1042	SPL-DIC-02	42.8	1	1	37.4	7	0	29.7	9	0	39.8	2	0
3. DDK 1045	SPL-DIC-03	36.9	6	0	30.7	10	0	26.3	10	0	34.0	10	0
4. DDK 1044	SPL-DIC-04	40.5	3	1	38.6	5	0	35.0	6	0	39.3	4	0
5. MACS 5022	SPL-DIC-06	36.7	7	0	45.9	2	1	38.4	4	1	39.2	5	0
6. MACS 5032	SPL-DIC-07	35.4	9	0	35.7	8	0	32.4	8	0	35.1	9	0
7. MACS 5031	SPL-DIC-08	38.4	5	0	41.6	3	0	39.9	2	1	39.4	3	0
8. MACS 2971 (C)	SPL-DIC-05	36.1	8	0	37.8	6	0	34.1	7	0	36.3	7	0
9. DDK 1029 (C)	SPL-DIC-09	35.0	10	0	34.7	9	0	38.7	3	1	35.4	8	0
10. MACS 2496 (C)	SPL-DIC-10	42.0	2	1	48.7	1	1	41.6	1	1	43.6	1	1
S.E.(M)		0.990			1.755			1.430			0.786		
C.D.		2.7			4.9			4.1			2.2		

Summary of Disease Data and Agronomic Characteristics

Central Zone

Trial: SPL-DIC-IR-TS-ALL ZONES, 2012-13

SN	Variety	Code	Disease Reactions		Agronomic Characteristics							Grain Characteristics				
			Br	BI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	HW 1099	SPL-DIC-01	tR	0	73-80	77	107-114	111	84-96	85	3	H	R	H	37.6-42.2	39.9
2	DDK 1042	SPL-DIC-02	0	0	75-82	79	104-117	111	76-81	79	11	H	R	H	36.0-46.2	41.1
3	DDK 1045	SPL-DIC-03	tMR	0	72-82	77	104-117	111	88-95	92	10	H	R	H	40.0-46.0	43.0
4	DDK 1044	SPL-DIC-04	tR	0	77-83	80	105-116	111	74-85	80	0	H	R	H	40.4-41.9	41.2
6	MACS 5022	SPL-DIC-06	0	0	74-79	77	109-117	113	78-91	84	20	H	R	H	32.8-41.1	37.0
7	MACS 5032	SPL-DIC-07	tR	5MS	80-89	85	111-118	115	76-80	78	0	H	A	H	30.4-31.2	30.8
8	MACS 5031	SPL-DIC-08	0	0	76-82	79	109-118	114	79-89	84	4	H	R	H	35.2-36.0	35.6
11	MACS 2971 (C)	SPL-DIC-05	tR	0	75-81	78	103-113	108	83-89	86	10	H	R	H	36.8-36.9	36.9
12	DDK 1029 (C)	SPL-DIC-09	tR	TR	76-83	80	107-119	113	79-85	82	0	H	R	H	35.6-38.0	36.8
13	MACS 2496 (C)	SPL-DIC-10	tMR	tR	62-61	62	102-112	107	77-77	77	0	M	R	SH	38.0-41.5	39.8

1. Ancillary data from Vijapur and Junagad. 2. Brown rust data from Junagad and Black rust data from Vijapur and Pune centres.

Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

Trial: SPL-DIC-IR-TS-ALL ZONES, 2012-13

SN	Variety	Code	Disease Reactions			Agronomic Characteristics							Grain Characteristics				
			Br	Br	LB	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	HW 1099	SPL-DIC-01	0	0	46 (23)	58-76	69	91-114	105	65-100	80	25	H	R	SH	34.0-47.3	40.0
2	DDK 1042	SPL-DIC-02	0	0	34 (23)	57-81	72	94-118	108	68-96	78	30	H	R	SH	38.0-46.9	42.2
3	DDK 1045	SPL-DIC-03	0	0	34 (23)	56-78	71	90-116	107	80-97	87	15	M-H	R	SH	35.1-47.5	39.3
4	DDK 1044	SPL-DIC-04	10MR	0.7	24 (13)	56-75	69	95-114	105	66-93	79	50	H	R	SH	32.0-46.0	40.0
6	MACS 5022	SPL-DIC-06	5MR	0.3	46 (23)	58-75	67	95-115	106	74-95	83	30	H	R	SH	28.8-40.0	34.4
7	MACS 5032	SPL-DIC-07	0	0	34 (12)	57-80	73	99-116	109	65-90	75	45	H	R	SH-H	28.1-40.2	33.6
8	MACS 5031	SPL-DIC-08	0	0	46 (13)	59-79	70	96-113	108	81-97	88	15	M-H	R	SH	36.3-46.5	39.9
11	MACS 2971 (C)	SPL-DIC-05	5MR	0.3	46 (23)	57-77	69	92-113	106	81-94	87	30	M-H	R	SH-H	34.1-41.7	37.9
12	DDK 1029 (C)	SPL-DIC-09	0	0	46 (23)	60-80	71	96-117	110	73-100	84	60	H	R	SO-SH	31.7-42.1	36.2
13	MACS 2496 (C)	SPL-DIC-10	20S	3.3	12 (12)	56-65	61	89-107	99	72-86	79	0	Ey	A	SO-SH	38.4-40.0	39.4

1. Ancillary data from Dharwad, Pune, Kalloli, Ugarkhurd, Arbhavi and Mudhol centre
 2. Brown rust data from Pune 3. LB data from Dharwad, Kalloli, Ugarkhurd, Arbhavi and Mudhol

Peninsular Zone
SPL-DIC-IR-TS-ALL ZONES, 2012-13
Individual Station Disease Data

SN	Variety	Code	Disease Reaction					
			Br	LB				
			Pune	Dharwad	Kalloli	Ugarkhurd	Arabhavi	Mudhol
1	HW 1099	SPL-DIC-01	0	24	12	46	23	12
2	DDK 1042	SPL-DIC-02	0	23	1	34	23	34
3	DDK 1045	SPL-DIC-03	0	12	12	34	24	12
4	DDK 1044	SPL-DIC-04	10MR	12	12	24	1	24
6	MACS 5022	SPL-DIC-06	5MR	12	1	46	23	12
7	MACS 5032	SPL-DIC-07	0	12	0	34	1	12
8	MACS 5031	SPL-DIC-08	0	12	1	46	24	1
11	MACS 2971 (C)	SPL-DIC-05	5MR	23	12	46	23	12
12	DDK 1029 (C)	SPL-DIC-09	0	24	1	46	24	1
13	MACS 2496 (C)	SPL-DIC-10	20S	1	1	12	12	12