

**1962-SPL-DIC-IR-TS-ALL ZONES, 2019-20**

**LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	Maharashtra			Karnataka		
			Pune	Kolhapur	K-Digranj	Dharwad	Arbhavi	
			Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G	
1	MACS5055	DIC-101	58.9 5 0	41.6 3 0	54.0 4 1	36.9 1 1	34.0 3 1	
2	MACS5054	DIC-104	66.0 1 1	50.5 1 1	55.1 2 1	31.5 5 0	31.9 4 0	
3	DDK1058	DIC-105	56.8 6 0	37.4 6 0	54.5 3 1	32.9 3 0	37.5 1 1	
4	DDK1059	DIC-107	60.9 3 0	40.8 4 0	51.8 6 1	32.6 4 0	25.7 7 0	
5	DDK1029 (C)	DIC-103	60.2 4 0	39.0 5 0	54.0 5 1	29.8 7 0	27.8 5 0	
6	HW1098 (C)	DIC-106	62.0 2 1	45.6 2 1	56.0 1 1	30.2 6 0	34.2 2 1	
7	MACS6222 (aest.)(C)	DIC-102	56.4 7 0	30.3 7 0	24.2 7 0	36.4 2 1	27.3 6 0	
G.M.			60.2	40.7	49.9	32.9	31.2	
S.E.(M)			1.724	3.012	4.292	1.351	1.805	
C.D. (10%)			4.2	7.4	10.5	3.3	4.4	
C.V.			5.7	14.8	17.2	8.2	11.6	
D.O.S.(dd.mm.yy)			19.11.19	15.11.19	11.11.19	5.11.19	18.11.19	

No. of Trials : Proposed = 11 Conducted = 11

Trials not reported (02) = Karad (RMT), Mandya (LSM)

**1962-SPL-DIC-IR-TS-ALL ZONES, 2019-20**

**LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	Karnataka			Tamil Nadu
			Ugar-Khurud	Kalloi	Mudhol	Wellington
			Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G
1	MACS5055	DIC-101	32.5 4 1	33.5 2 0	32.0 6 0	29.7 6 1
2	MACS5054	DIC-104	35.2 1 1	30.4 3 0	34.2 2 1	31.7 2 1
3	DDK1058	DIC-105	30.9 6 1	39.6 1 1	39.1 1 1	29.8 4 1
4	DDK1059	DIC-107	31.0 5 1	27.9 7 0	33.8 3 1	31.8 1 1
5	DDK1029 (C)	DIC-103	33.0 3 1	29.1 6 0	32.1 5 0	30.0 3 1
6	HW1098 (C)	DIC-106	33.4 2 1	30.0 4 0	33.5 4 1	29.7 5 1
7	MACS6222 (aest.)(C)	DIC-102	23.2 7 0	29.2 5 0	29.4 7 0	22.4 7 0
G.M.			31.3	31.4	33.4	29.3
S.E.(M)			1.905	1.413	2.420	1.168
C.D. (10%)			4.7	3.5	5.9	2.9
C.V.			12.2	9.0	14.5	8.0
D.O.S.(dd.mm.yy)			20.11.19	18.11.19	19.11.20	15.11.19

**1962-SPL-DIC-IR-TS-ALL ZONES, 2019-20**

**STATE AND ZONAL MEANS (q/ha)**

SN	Variety	Code	Maharashtra	Karnataka	Tamil Nadu	ZONAL
			Yield Rk G	Yield Rk G	Yield Rk G	Yield Rk G
1	MACS5055	DIC-101	51.5 3 0	33.8 2 0	29.7 6 1	39.2 4 1
2	MACS5054	DIC-104	57.2 1 1	32.6 3 0	31.7 2 1	40.7 1 1
3	DDK1058	DIC-105	49.5 6 0	36.0 1 1	29.8 4 1	39.8 2 1
4	DDK1059	DIC-107	51.2 4 0	30.2 6 0	31.8 1 1	37.4 5 0
5	DDK1029 (C)	DIC-103	51.1 5 0	30.4 5 0	30.0 3 1	37.2 6 0
6	HW1098 (C)	DIC-106	54.5 2 1	32.3 4 0	29.7 5 1	39.4 3 1
7	MACS6222 (aest.)(C)	DIC-102	36.9 7 0	29.1 7 0	22.4 7 0	31.0 7 0
G.M.			50.3	32.1	29.3	37.8
S.E.(M)			1.840	0.814	1.168	0.773
C.D. (10%)			4.4	1.9	2.9	1.8

## Summary of Disease Data and Agronomic Characteristics

Peninsular Zone

Trial: SPL-IR-TS-DIC-All- PZ, 2019-20

SN	Variety	Code	Disease reaction					Agronomic Characteristics								Grain Characteristics			
			Br.HS	ACI	BI.HS	ACI	LB.av	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	MACS5055	DIC 101	0	0	10MS	2.2	23	52-82	68	100-119	108	72-92	84	40	H	R	SH	40-92	54
2	MACS5054	DIC 104	tMS	0.28	10MS	2.0	34	54-79	69	101-121	109	66-90	74	40	H	R	SH	36-98	55
3	DDK1058	DIC 105	0	0	tMS	0.4	23	60-82	73	105-122	113	67-92	76	20	H	R	SH	35-80	48
4	DDK1059	DIC 107	5MS	1.3	5S	1.3	35	61-82	72	102-121	112	66-90	76	25	H	R	SH	41-92	53
5	DDK1029 (C)	DIC 103	0	0	10MS	3.0	34	57-82	72	104-119	112	68-82	77	40	H	R	SH	38-89	51
6	HW1098 (C)	DIC 106	0	0	tMS	0.2	22	57-81	72	101-122	112	65-89	75	20	H	R	SH	38-93	53
7	MACS6222 (a) (C)	DIC 102	5MS	1.33	20MR-MS	7.0	13	37-75	60	88-118	103	65-94	83	5	Ey	A	SH	33-85	48

1. Ancillary data from Arabhavi, Dharwad, Karad, Kolhapur, Mandya, Mudhol, Pune, Ugar Khurd, Wellington, Kalloli and K-Digranj.

2. Rust data reported from Arabhavi, Dharwad, Mudhol, Pune, Ugar Khurd, Wellington and Kalloli.

### Individual station rust data

SN	Variety	Code	Brown Rust			Black rust				Leaf blight				
			Dharwad	Mudhol	Wellington	Arabhavi	Mudhol	Wellington	Kalloli	Arabhavi	Dharwad	Mudhol	Ugar Khurd	Kalloli
1	MACS5055	DIC 101	0	0	0	tMS	10MS	0	0	46	00	00	12	24
2	MACS5054	DIC 104	0	tMS	0	0	10MS	0	0	46	01	01	01	46
3	DDK1058	DIC 105	0	0	0	0	tMS	0	tMS	34	02	01	01	34
4	DDK1059	DIC 107	5MS	0	0	0	5S	0	0	56	02	00	01	36
5	DDK1029 (C)	DIC 103	0	0	0	5MS	10MS	0	0	46	12	12	01	34
6	HW1098 (C)	DIC 106	0	0	0	0	tMS	0	0	46	01	01	01	12
7	MACS6222 (a) (C)	DIC 102	0	0	5MS	0	0	20MR/MS	5MS	36	12	01	00	01