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Progress Report 33C

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International Chickpea Nurseries



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**Report of the
Eleventh International Chickpea Trials and Nurseries
1985-86**

Appendix Tables



ICRISAT

**International Crops Research Institute for the Semi-Arid Tropics
Patancheru, Andhra Pradesh 502 324, India**

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Appendix 1 Characteristics of entries in F2 MLT DS at Patancheru in 1985-86

Entry No.	ICCL ICC.No.	Days to flower ing	Days to maturity	Weight of 100 seeds (g)	Seed yield	
					kg/ha	Rank
1	830008	43	96	17	809	18
2	830011	49	98	17	1015	10
3	830035	44	99	16	1190	5
4	830037	43	98	23	1111	9
5	830028	37	96	21	1769	3
6	830041	44	98	21	730	24
7	830043	37	94	21	1000	12
8	830044	47	96	22	1349	1
9	830059	59	100	22	904	17
10	830064	42	96	22	1190	5
11	830067	45	101	16	1000	12
12	830072	53	101	17	984	14
13	830082	50	100	15	746	23
14	830083	53	103	17	762	22
15	830089	46	102	16	809	18
16	830090	47	99	15	635	25
17	830005	44	97	15	777	21
18	830106	39	92	19	1174	7
19	830109	42	96	22	1127	8
20	830110	45	104	25	920	16
21	830112	42	96	15	1222	4
22	830129	48	99	15	1333	2
23	830131	45	99	15	809	18
24	4918	41	99	20	1015	10
25	Lo.ch	44	96	18	968	15
	SE	2.1	1.4	1.6	171.8	
	Mean	44.5	98.2	18.5	993.9	
	CV	8.1	1.4		29.9	

Appendix 2. Characteristics of entries in F2 MLT DS at
Novgong in 1985-86

Entry No.	ICCL/ ICC.No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	830008	66	129	15	819	9
2	830011	75	134	15	768	13
3	830035	75	136	14	644	19
4	830037	61	128	18	644	19
5	830028	79	136	18	673	18
6	830041	80	136	19	937	6
7	830043	77	130	20	585	22
8	830044	65	130	18	790	10
9	830059	80	131	14	585	22
10	830064	61	125	19	1346	1
11	830067	67	130	15	732	14
12	830072	66	131	16	732	14
13	830082	64	133	13	615	21
14	830083	79	132	16	556	24
15	830089	76	135	14	702	16
16	830090	78	131	14	702	16
17	830005	75	132	15	790	10
18	830106	65	133	14	922	7
19	830109	76	134	20	790	10
20	830110	79	132	22	556	24
21	830112	64	129	14	1317	2
22	830129	68	131	13	995	5
23	830131	75	132	13	1200	4
24	4918	61	127	18	878	8
25	Lo.ch	90	136	18	1288	3
	SE	0.7	0.6	1.2	158.7	
	Mean	72.2	131.7	16.4	822.7	
	CV	1.6	0.8	12.3	33.4	

**Appendix 3. Characteristics of entries
in F2 MLT DS at Arnej in 1985-86**

Entry No.	ICCL/ ICC.No.	Days to flower ing	Seed yield kg/ha	Rank
1	830008	58	1491	2
2	830011	58	1031	22
3	830035	56	1253	11
4	830037	58	1127	18
5	830040	58	1111	19
6	830041	55	1190	15
7	830043	56	1269	10
8	830044	56	1380	8
9	830059	59	1190	15
10	830064	59	1539	1
11	830067	56	1047	21
12	830072	58	1190	15
13	830082	59	984	24
14	830083	64	857	25
15	830089	56	1111	19
16	830090	63	1000	23
17	830105	56	1396	7
18	830106	56	1476	3
19	830109	58	1238	12
20	830110	58	1222	14
21	830112	56	1238	12
22	830129	58	1333	9
23	830131	56	1412	6
24	4918	56	1460	5
25	Lo. ch	54	1476	3
	SE	0	116.0	
	Mean	57.5	1240.8	
	CV	0	16.2	

Appendix 4. Characteristics of entries in
P2 MLT DS at Hisar in 1985-86

Entry No.	ICCL/ ICC.No.	Days to flower ing	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	830008	75	14	384	22
2	830011	91	14	1331	2
3	830035	91	10	1095	4
4	830037	-	-	-	-
5	830028	85	24	467	21
6	830041	90	15	201	24
7	830043	85	16	832	11
8	830044	85	18	804	13
9	830059	90	16	1068	5
10	830064	92	17	1061	6
11	830067	91	12	915	7
12	830072	90	15	832	11
13	830082	91	12	860	10
14	830083	76	12	471	20
15	830089	90	11	555	18
16	830090	91	12	1248	3
17	830005	92	13	634	17
18	830106	91	13	804	13
19	830109	90	14	1567	1
20	830110	90	14	735	16
21	830112	91	11	333	23
22	830129	85	12	874	8
23	830131	81	12	874	8
24	4918	75	17	541	19
25	Lo.ch	90	21	749	15
	SE	1.5	0.3	276.6	
	Mean	87.5	14.4	801.4	
	CV	2.9	3.6	59.8	

Appendix 5. Characteristics of entries in
F2 MLT DS at Dharvar in 1985-86

Entry No.	ICCL/ ICC.No.	Days to flower ing	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	830008	55	17	1742	3
2	830011	56	16	1696	6
3	830035	56	15	1575	15
4	830037	56	25	1464	18
5	830028	55	23	1297	23
6	830041	55	23	1853	1
7	830043	54	24	1631	9
8	830044	54	23	1594	12
9	830059	56	23	1557	17
10	830064	54	24	1594	12
11	830067	56	15	1131	25
12	830072	57	19	1724	4
13	830082	55	14	1195	24
14	830083	58	17	1446	19
15	830089	57	15	1575	15
16	830090	57	14	1334	21
17	830005	56	16	1631	9
18	830106	55	21	1594	12
19	830109	54	24	1687	7
20	830124	54	17	1724	4
21	830112	56	16	1687	7
22	830129	56	14	1334	21
23	830131	56	14	1409	20
24	918	55	19	1761	2
25	Loch	63	12	1612	11
	SE	0.8	0.8	182.6	
	Mean	55.8	18.4	1553.8	
	CV	2.5	7.5	20.4	

Appendix 6. Characteristics of entries in
F2 MLT DS at Gulbarga in 1985-86

Entry No.	ICCL/ ICC.No.	Days to flower	Days to maturity	Seed yield kg/ha	Rank
1	830008	42	94	936	7
2	830011	51	100	659	17
3	830035	41	91	860	9
4	830037	49	101	600	23
5	830040	42	91	735	13
6	830041	39	100	575	24
7	830043	40	90	728	14
8	830044	42	91	1068	3
9	830059	50	102	1061	4
10	830064	38	91	1047	5
11	830067	40	92	638	19
12	830072	44	95	520	25
13	830082	46	99	652	18
14	830083	53	102	673	16
15	830089	42	104	801	11
16	830090	48	103	638	19
17	830105	39	91	1040	6
18	830106	40	91	815	10
19	830109	40	92	631	21
20	830110	39	98	777	12
21	830112	41	92	894	8
22	830129	41	94	621	22
23	830131	44	92	1075	2
24	4918	42	92	718	15
25	Lo.ch	41	92	1127	1
	SE	0.8	0.3	146.8	
	Mean	42.9	95.1	795.4	
	CV	3.1	0.5	32.0	

Appendix 7. Characteristics of entries in F2 NLT DS at Akola in 1985-86

Entry No.	ICCL/ ICC.No.	Days to flower ing	Days to maturity	Weight of 100 seeds (g)	Seed yield	
					kg/ha	Rank
1	830008	42	87	17	172	22
2	830011	43	96	17	245	13
3	830035	41	96	15	296	4
4	830037	41	90	24	183	20
5	830028	-	-	-	-	-
6	830041	37	95	21	285	5
7	830043	36	90	22	263	9
8	830044	39	86	21	150	23
9	830059	48	93	20	241	14
10	830064	42	85	20	260	10
11	830067	40	90	16	234	15
12	830072	48	98	18	205	17
13	830082	47	92	17	278	6
14	830083	54	101	17	194	19
15	830089	46	101	16	267	8
16	830090	51	99	17	227	16
17	830005	40	95	17	358	2
18	830106	40	89	18	201	18
19	830109	-	-	-	-	-
20	830110	41	92	27	175	21
21	830112	41	88	17	249	12
22	830129	45	93	16	278	6
23	830131	42	95	17	260	10
24	4918	42	92	19	402	1
25	Lo.ch	58	101	12	300	3
	SE	1.3	2.9	1.3	62.5	
	Mean	40.2	85.8	16.8	228.8	
	CV	5.5	5.9	13.3	47.3	

Appendix 8. Characteristics of entries in P2 MLT DS at
Rahuri in 1985-86

Entry No.	ICCL/ ICC.No.	Days to flower ing	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	830008	46	109	16	1603	5
2	830011	47	103	15	1436	10
3	830035	46	106	20	1682	4
4	830037	47	103	21	1571	8
5	830040	4	109	24	833	24
6	830041	47	114	18	1079	17
7	830043	46	114	21	1063	18
8	830044	46	103	20	1904	2
9	830059	47	116	18	1587	6
10	830064	46	104	14	1555	9
11	830067	47	107	17	920	22
12	830072	47	107	18	1841	3
13	830082	45	111	14	1317	12
14	830083	47	118	16	841	23
15	830089	46	113	13	1261	13
16	830090	46	111	16	2031	1
17	830005	46	116	15	1047	19
18	830106	45	103	20	1047	19
19	830109	45	108	28	1412	11
20	830110	47	108	24	1190	15
21	830112	45	113	15	1119	16
22	830129	47	117	14	1238	14
23	830131	46	112	15	936	21
24	4918	47	113	15	817	25
25	Lo.ch	51	106	29	1587	6
	SE	0.7	1.4	0	133.7	
	Mean	46.4	109.9	18.2	1316.6	
	CV	2.6	2.1	0	22.9	

Appendix 9. Characteristics of entries in F2 MLT DS at
Sohore in 1985-86

Entry No.	ICCL/ ICC.No.	Days to flower ing	Days to maturity	Weight of 100 seeds (g)	Seed yield	
					kg/ha	Rank
1	830008	65	109	16	770	11
2	830011	72	112	15	709	22
3	830035	69	109	17	738	17
4	830037	72	111	18	809	9
5	830040	59	103	22	770	11
6	830041	70	109	19	639	25
7	830043	72	113	16	746	16
8	830044	67	111	15	738	17
9	830059	77	113	16	730	20
10	830064	64	105	17	724	21
11	830067	63	105	15	765	14
12	830072	74	113	18	833	7
13	830082	75	115	17	889	2
14	830083	80	118	13	968	1
15	830089	79	106	17	869	5
16	830090	75	123	14	873	3
17	830105	66	105	16	779	10
18	830106	65	100	17	770	11
19	830109	70	109	17	706	23
20	830110	74	113	16	735	19
21	830112	69	109	19	690	24
22	830129	80	118	13	857	6
23	830131	75	109	15	825	8
24	4918	75	109	16	762	15
25	Lo.ch	71	109	17	873	3
	SE	0.4	2.1	1.3	90.4	
	Mean	71.1	110.3	16.1	782.5	
	CV	1.0	3.4	13.9	10.0	

Appendix 10. Characteristics of entries in
P2 MLT DS at Keonjhar in 1985-86

Entry No.	ICCL/ ICC.No.	Days to to 50% flower ing	Weight of 100 seeds (g)	Seed yield	
				kg/ha	Rank
1	830008	57	15	1209	6
2	830011	59	14	1199	8
3	830035	57	13	1460	1
4	830037	57	21	917	20
5	830028	57	17	938	18
6	830041	59	20	1230	5
7	830043	56	19	876	24
8	830044	57	20	980	16
9	830059	61	16	876	24
10	830064	57	17	1011	15
11	830067	57	14	1168	9
12	830072	58	16	907	22
13	830082	57	13	1355	2
14	830083	57	15	1136	11
15	830089	59	14	938	18
16	830090	59	13	1065	14
17	830005	58	14	1249	6
18	830106	57	17	917	20
19	830109	58	18	1251	4
20	830110	56	12	970	17
21	830112	56	14	897	23
22	830129	57	13	1157	10
23	830131	58	13	1105	12
24	4918	59	17	1314	3
25	Lo.ch	63	13	1105	12
	SE	0.6	0.8	140.7	
	Mean	57.6	15.5	1087.5	
	CV	1.5	7.1	18.3	

Appendix 11. Characteristics of entries in P2 MLT DS at Srirangagar in 1985-86

Entry No.	ICCL/ ICC.No	Days to flower	Days to 50% maturity	Days to maturity	Weight of seeds (g)	Seed yield kg/ha	Rank
1	830008	75	149	16	3231	6	
2	830011	79	148	17	2926	8	
3	830035	79	149	11	763	25	
4	830037	79	149	20	3293	4	
5	830040	75	149	30	1553	24	
6	830041	71	148	21*	2201	17	
7	830043	75	149	12	2600	12	
8	830044	85	150	21	2600	12	
9	830059	75	149	19	3519	1	
10	830064	79	148	16	2635	11	
11	830067	79	148	13	1615	23	
12	830072	75	144	14	2149	18	
13	830082	79	148	15	3051	7	
14	830083	73	148	16	2458	15	
15	830089	78	149	25	2756	10	
16	830090	75	141	15	3345	3	
17	830105	75	142	17	2097	20	
18	830106	79	140	19	3380	2	
19	830109	75	143	22	2496	14	
20	830110	75	143	21	1889	21	
21	830112	79	148	14	1803	22	
22	830129	75	144	12	2253	16	
23	830131	75	142	12	2791	9	
24	4918	78	148	16	2122	19	
25	Lo.ch	89	151	19	3241	5	
SE		0.5	0.4	0.2	344.7		
Mean		77.3	147.1	17.4	2510.7		
CV		1.2	0.5	2.0	23.8		

Appendix 12. Characteristics of entries in P2 MLT DS at
Coimbatore in 1985-86

Entry No.	ICCL/ ICC.No.	Days to flower ing	Days to maturity	Weight of 100 seeds (g)	Seed yield	
					kg/ha	Rank
1	830008	44	87	15	809	2
2	830011	42	88	16	714	4
3	830035	45	84	15	571	17
4	830037	44	91	26	619	11
5	830040	41	91	29	571	17
6	830041	48	92	22	555	19
7	830043	44	91	28	524	23
8	830044	52	91	19	587	14
9	830059	53	91	20	841	1
10	830064	44	92	27	698	5
11	830067	43	91	13	555	19
12	830072	52	94	17	524	23
13	830082	45	90	18	635	8
14	830083	48	90	20	539	22
15	830089	47	92	19	603	12
16	830090	52	92	26	587	14
17	830105	41	88	27	635	8
18	830106	49	92	17	698	5
19	830109	45	92	29	666	7
20	830110	51	92	25	413	25
21	830112	49	91	20	635	8
22	830129	45	91	19	555	19
23	830131	51	91	19	762	3
24	4918	43	91	20	603	12
25	Lo.ch	42	84	30	587	14
	SE	0.5	0.4	0.1	65.4	
	Mean	46.4	90.4	18.3	619.4	
	CV	2.0	0.9	1.3	18.3	

Appendix 13. Characteristics of entries in F2 MLT DS at Pantnagar in 1985-86

Entry No.	ICCL No.	Days to flower 10%	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	830008	74	128	14	111	17
2	830011	77	136	17	107	18
3	830015	77	134	14	250	8
4	830037	79	135	25	181	9
5	830040	75	126	31	180	10
6	830041	77	128	17	113	16
7	830042	77	130	21	86	21
8	830043	81	136	31	281	5
9	830059	80	142	27	313	3
10	830061	80	133	27	258	7
11	830067	81	132	27	280	6
12	830072	80	137	27	285	4
13	830080	80	135	15	79	23
14	830087	80	136	17	135	12
15	830087	80	131	27	96	20
16	830090	80	137	14	75	24
17	830095	80	133	23	172	11
18	830096	80	134	21	119	15
19	830124	72	129	23	322	2
20	830119	81	135	16	68	25
21	830111	80	133	17	126	14
22	830120	80	136	21	104	19
23	830121	80	137	21	130	13
24	830122	80	137	21	106	17
25	830123	80	144	24	105	22
Mean		77	133	21	141.5	
S.E.M.		1.1	1.4	1.7	17.1	
S.D.		1.1	3.7	18.1	49.2	

**Appendix 14. Characteristics of entries in F2 MLT DM
at Patancheru, 1983-86**

Entry No.	Acc.No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	830002	54	119	21	778	8
2	830014	69	124	18	272	24
3	830030	51	122	17	358	19
4	830038	51	120	25	638	12
5	830048	49	108	24	1214	1
6	830050	64	125	25	355	20
7	830051	65	123	20	311	22
8	830052	42	102	31	1043	2
9	830053	53	123	23	934	5
10	830055	44	114	21	716	9
11	830057	51	103	20	1043	3
12	830058	60	124	20	669	11
13	830060	58	113	22	467	16
14	830066	58	123	19	498	15
15	830085	52	116	18	436	17
16	830086	51	122	18	809	7
17	830092	58	122	17	389	18
18	830093	65	120	20	296	23
19	830118	51	122	18	498	14
20	830119	56	120	18	498	15
21	830130	51	121	15	841	6
22	830132	46	113	17	996	4
23	830137	57	122	16	584	13
24	5003	61	119	31	327	21
25	Lo. ch.	54	120	17	701	10
	SE	1.8	3.4	0.5	218.8	
	Mean	54.9	118.3	20.4	626.9	
	CV	3.7	4.9	4.4	60.5	

**Appendix 15. Characteristics of entries in F2 MLT DM
at Sabour, 1985-86**

Entry No.	Acc.No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	830002	77	135	14	2283	10
2	830014	75	133	13	2397	4
3	830030	77	134	13	2324	7
4	830038	78	136	12	2429	3
5	830048	75	136	17	2493	1
6	830050	80	134	13	2377	5
7	830051	77	134	17	2031	22
8	830052	78	133	13	2178	14
9	830053	77	132	12	2313	8
10	830055	78	133	15	2272	11
11	830057	78	134	16	2115	17
12	830058	77	133	13	2040	21
13	830060	75	133	13	1664	24
14	830066	77	136	13	2231	12
15	830085	79	134	22	1885	23
16	830086	76	133	12	2042	20
17	830092	76	133	18	2094	18
18	830093	77	133	13	2221	13
19	830118	76	134	14	2304	9
20	830119	76	135	14	2367	6
21	830130	75	132	15	2178	14
22	830132	80	133	12	2461	2
23	830137	76	135	15	2125	16
24	5003	78	131	12	2147	15
25	Lo. ch	76	133	13	2050	19
	SE	1.3	1.2	0.7	195.5	
	Mean	77.0	133.7	14.2	2201.0	
	CV	2.9	1.5	8.0	15.4	

**Appendix 16. Characteristics of entries
in F2 MLT DM at Faridkot 1985-86**

Entry No.	Acc.No.	Weight of 100 seeds (g)	Seed yield	
			kg/ha	Rank
1	830002	20	1515	2.
2	830014	16	1983	5
3	830030	17	1232	2
4	830038	23	1960	1
5	830048	23	1643	12
6	830051	24	1764	2
7	830051	17	1747	13
8	830052	27	1810	10
9	830053	20	1713	15
10	830055	21	1479	23
11	830057	19	1957	7
12	830058	17	1945	8
13	830060	22	1799	11
14	830066	17	1745	14
15	830085	19	1474	24
16	830086	18	1630	18
17	830092	17	2104	2
18	830093	19	1990	4
19	830118	17	1626	19
20	830119	18	1829	9
21	830130	13	1697	16
22	830132	17	1587	20
23	830137	15	2218	1
24	5003	26	1571	21
25	Lo.ch	13	2014	3
	SE	0.5	92.6	
	Mean	19.0	1761.3	
	CV	*	*	

**Appendix 17. Characteristics of entries in
P2 HLT DM at Kanpur, 1985-86**

Entry No.	Acc.No.	Days to 50% flowering	Days to maturity	Seed yield kg/ha	Rank
1	830002	76	163	1745	2
2	830014	75	164	1666	3
3	830030	75	162	1111	10
4	830038	77	164	1349	6
5	830048	74	163	1031	11
6	830050	75	162	1666	3
7	830051	74	164	1190	8
8	830052	73	162	1111	10
9	830053	74	163	1904	1
10	830055	74	162	912	15
11	830057	75	161	1150	9
12	830058	76	164	1269	7
13	830060	72	163	952	14
14	830066	77	165	1111	10
15	830085	76	163	1190	8
16	830086	74	163	952	13
17	830092	75	163	1507	5
18	830093	75	164	1587	4
19	830118	75	164	1031	11
20	830119	76	163	1587	4
21	830130	75	163	1507	5
22	830132	77	162	1111	10
23	830137	76	161	992	12
24	5003	77	161	1111	10
25	Lo.ch.	77	163	1349	6
	SE	1.3	0.9	321.9	
	Mean	75.3	162.9	1283.6	
	CV	2.9	1.0	43.4	

**Appendix 18. Characteristics of entries in F2 MLT DM
at Pantnagar 1985-86**

Entry No.	Acc. No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	830002	86	142	24	1573	11
2	830014	93	148	18	1672	9
3	830030	83	141	20	2874	1
4	830038	87	145	31	1734	8
5	830048	85	142	28	1497	15
6	830050	90	148	28	142	17
7	830051	93	150	21	143	14
8	830052	87	142	33	1486	16
9	830053	88	148	25	1976	5
10	830055	86	144	22	2029	3
11	830057	86	144	24	165	4
12	830058	88	146	23	1729	20
13	830060	86	144	27	1753	7
14	830066	91	147	19	1397	18
15	830085	87	144	25	545	25
16	830086	89	147	18	1097	22
17	830092	88	145	21	1498	13
18	830093	91	149	21	111	21
19	830118	87	145	21	1368	19
20	830119	89	146	20	2439	2
21	830130	84	141	14	1764	6
22	830132	86	141	24	1075	24
23	830137	89	147	17	1084	23
24	5003	87	146	32	1593	10
25	Lo. ch	94	145	14	1539	12
	SE	2.1	2.3	1.3	572.9	
	Mean	88.0	145.1	22.9	1588.9	
	CV	4.1	2.7	10.2	62.5	

Appendix 19. Characteristics of entries in P2 MLT DM
at Sriniketan, 1985-86

Entry No.	Acc. No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	830002	50	129	21	2115	13
2	830014	50	127	17	1796	23
3	830030	46	127	18	2094	14
4	830038	49	127	25	2335	6
5	830048	49	126	23	2445	1
6	830050	52	125	22	2050	16
7	830051	46	127	19	2242	9
8	830052	48	127	24	2053	15
9	830053	52	126	22	1716	24
10	830055	49	126	22	1953	20
11	830057	50	128	19	2399	3
12	830058	48	127	19	2368	4
13	830060	50	127	21	2219	10
14	830066	47	128	19	2278	8
15	830085	56	128	21	2180	12
16	830086	52	127	20	2288	7
17	830092	51	127	17	1971	19
18	830093	49	128	20	1847	21
19	830118	52	126	17	1404	25
20	830119	48	127	17	2190	11
21	830130	43	127	14	1827	22
22	830132	48	127	16	2035	17
23	830137	49	125	17	2339	5
24	5003	47	127	29	2428	2
25	Lo.ch	50	127	13	2003	18
	SE	3.0	0.9	1.1	202.9	
	Mean	49.6	126.9	19.7	2103.1	
	CV	10.6	1.2	9.8	16.7	

**Appendix 20. Characteristics of entries in P2 MLT DL
at Sabour, 1985-86**

Entry No.	ICCL./ ICC No	Days to 50% flo vering	Days to matu rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	830149	89	134	28	1769	11
2	830151	86	138	25	1758	12
3	830152	84	138	13	2166	5
4	830156	86	135	19	1833	9
5	830160	87	140	19	1664	14
6	830162	84	136	19	2094	7
7	830172	88	138	22	1382	20
8	830173	79	140	29	2502	2
9	830174	82	140	21	2450	3
10	830185	87	140	12	1539	16
11	830188	79	137	21	1833	6
12	830190	88	140	20	1234	23
13	830195	85	138	21	1890	8
14	830196	84	133	19	1476	18
15	830204	86	140	22	1119	24
16	830208	86	139	16	1550	15
17	830209	83	135	16	2439	4
18	830220	85	136	21	1342	21
19	830224	87	139	17	1518	17
20	830257	84	135	20	931	25
21	830266	82	139	18	2513	1
22	830269	83	139	17	1257	22
23	830274	82	136	13	2147	6
24	4948	82	138	19	1677	13
25	Lo.ch	81	136	15	1466	19
	SE	2.8	3.1	0.5	349.7	
	Mean	84.4	137.3	19.4	1742.0	
	CV	5.7	2.8	4.2	34.8	

**Appendix 21. Characteristics of
entries in F2 NLT DL at HAU, Hisar,
1985-86**

Entry No.	ICCL./ ICC.No	Weight of 100 seeds (g)	Seed Yield	
			kg/ha	Rank
1	830149	12	1826	3
2	830151	13	1527	11
3	830152	12	1760	6
4	830156	11	1848	2
5	830160	12	1405	16
6	830162	15	1793	4
7	830172	13	1428	13
8	830173	14	1040	24
9	830174	12	1417	14
10	830185	13	1339	18
11	830188	18	1793	4
12	830190	15	1417	14
13	830195	20	1350	17
14	830196	18	1583	10
15	830204	13	2092	1
16	830208	13	1660	7
17	830209	11	1627	9
18	830220	13	1649	8
19	830224	13	1494	12
20	830257	13	697	25
21	830266	16	1217	20
22	830269	13	1096	23
23	830274	12	1217	20
24	4948	13	1328	19
25	Lo.ch	22	1195	22
	SE	0.0	230.0	
	Mean	14.0	1471.9	
	CV	0.4	27.1	

**Appendix 22. Characteristics of entries in
F2 MLT DL at ICRISAT- Hisar, 1985-86**

Entry No.	ICCL./ ICC No	Days to 50% flowering	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	830149	84	12	2687	23
2	830151	88	13	3130	5
3	830152	84	13	2458	24
4	830156	85	13	2361	25
5	830160	81	14	2988	10
6	830162	83	13	2957	11
7	830172	83	13	2791	19
8	830173	83	12	3103	7
9	830174	82	13	3429	2
10	830185	81	14	3539	1
11	830188	83	17	2801	17
12	830190	82	15	3224	3
13	830195	83	21	2839	15
14	830196	83	17	3006	9
15	830204	78	13	3110	6
16	830208	77	14	2950	12
17	830209	81	13	2922	14
18	830220	86	12	2836	16
19	830224	86	15	3013	8
20	830257	83	12	3137	4
21	830266	82	17	2943	13
22	830269	83	12	2766	20
23	830274	84	13	2759	21
24	4948	86	13	2798	18
25	Lo. ch	83	24	2694	22
	SE	1.4	0.4	241.7	
	Mean	83.0	14.3	2929.6	
	CV	2.9	5.4	14.3	

Appendix 23. Characteristics of entries in
F2 NLT DL at Berthán, 1985-86.

Entry No.	ICCL. No	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank		
1	830149	183	11	1406	15		
2	830151	183	11	1388	17		
3	830152	183	12	907	24		
4	830156	183	12	1795	4		
5	830160	186	13	1746	6		
6	830162	183	11	1554	9		
7	830172	182	11	1240	20		
8	830173	183	10	1702	7		
9	830174	182	11	1517	11		
10	830185	184	13	1813	3		
11	830188	184	14	1413	14		
12	830190	180	13	525	25		
13	830195	185	18	1339	19		
14	830196	183	16	1702	7		
15	830204	183	12	1184	21		
16	830208	182	12	1073	22		
17	830209	182	11	1362	18		
18	830220	183	12	1536	10		
19	830224	183	14	1924	2		
20	830257	183	12	1451	13		
21	830266	182	14	1795	4		
22	830269	182	10	955	23		
23	830274	183	13	2072	1		
24	4948	184	12	1480	12		
25	Lo.ch	182	9	1399	16		
SE					0.7	262.1	
Mean					183.1	12.2	1451.0
CV					0.4	6.3	25.5

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Appendix 24. Characteristics of entries in P2 MLT DL at New Delhi, 1985-86

Entry No.	ICCL./ ICC.No	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	830149	12	2404	11
2	830151	12	2353	15
3	830152	15	2221	16
4	830156	12	2626	5
5	830160	13	2385	7
6	830162	12	3062	1
7	830172	13	2602	6
8	830173	12	2158	18
9	830174	13	2377	14
10	830185	15	2333	6
11	830188	14	2300	17
12	830190	14	1904	23
13	830195	20	1654	25
14	830196	19	2144	19
15	830204	13	2533	8
16	830208	15	1675	24
17	830209	12	2388	12
18	830220	13	2927	2
19	830224	15	2412	10
20	830257	11	2102	20
21	830266	16	2309	13
22	830269	12	1983	22
23	830274	12	2351	9
24	4948	14	2353	4
25	Lo. ch	12	1991	21
	SE	0.6	310.5	
	Mean	13.1	2337.4	
	CV	7.1	23.1	

Appendix 25. Characteristics of entries in P2 MLT DL at Perishkot 1985-86

Entry No.	ICCL. No.	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	830149	12	3311	19
2	830151	12	3865	8
3	830152	12	2758	24
4	830156	13	4424	1
5	830160	13	3476	14
6	830162	12	4025	4
7	830172	13	3472	16
8	830173	12	3627	12
9	830174	13	3867	7
10	830185	14	3240	20
11	830188	16	2777	23
12	830190	16	3967	5
13	830195	20	4301	2
14	830196	17	3494	13
15	830204	13	3713	11
16	830208	13	2758	24
17	830209	12	3153	22
18	830220	12	3786	10
19	830224	14	3162	21
20	830257	12	4182	3
21	830266	15	3461	18
22	830269	11	3465	17
23	830274	13	3951	6
24	4948	13	3473	15
25	Lo. ch	13	3789	9
SE				
		0.4	173.3	
Mean				
		13.4	3579.8	
CV				
		4.6	8.4	

Appendix 26. Characteristics of entries in F2 MLT DL
at Sriganaganagar, 1985-86

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	830149	89	156	12	2479	24
2	830151	99	156	12	3865	2
3	830152	98	156	11	3092	17
4	830156	93	156	12	3657	6
5	830160	85	156	13	3820	3
6	830162	83	156	2	3689	4
7	830172	86	156	14	3401	9
8	830173	86	156	12	3207	15
9	830174	84	155	12	3668	5
10	830185	84	156	13	3449	8
11	830188	85	155	16	3085	18
12	830190	84	155	11	3207	15
13	830191	89	156	18	3377	10
14	830196	84	155	18	2773	21
15	830204	84	156	12	3259	13
16	830206	83	155	12	2427	25
17	830209	80	156	12	2600	23
18	830220	98	156	11	3331	11
19	830224	86	155	14	3328	12
20	830227	87	155	12	3051	19
21	830226	87	156	16	3630	7
22	830260	86	155	12	3259	13
23	830274	87	156	12	2764	22
24	4948	87	155	11	2912	20
25	Lo. h	9	156	14	4160	1
	SE	2.0	0.3	0.4	358.6	
	Mean	87.2	155.6	13.0	3257.1	
	CV	3.9	0.3	5.4	10.1	

**Appendix 27. Characteristics of entries in
F2 MLT DL at Paizabad, 1985-86**

Entry No.	ICCL./ ICC.No	Days to 50% flo vering	Days to matu rity	Seed Yield	
				kg/ha	Rank
1	830149	94	126	376	24
2	830151	91	128	370	25
3	830152	94	126	512	22
4	830156	94	127	589	20
5	830160	95	129	762	14
6	830162	95	128	389	23
7	830172	92	125	1008	2
8	830173	94	124	849	8
9	830174	88	124	528	21
10	830185	93	126	793	11
11	830188	91	128	904	6
12	830190	90	127	1047	1
13	830195	91	125	817	10
14	830196	93	128	939	5
15	830204	96	125	682	16
16	830208	90	121	903	7
17	830209	95	128	777	12
18	830220	93	125	770	13
19	830224	92	127	614	18
20	830257	94	124	706	15
21	830266	93	125	984	4
22	830269	93	125	1000	3
23	830274	94	126	643	17
24	4948	93	126	833	9
25	Lo.ch	96	125	611	19
	SE	1.9	1.5	212.5	
	Mean	92.9	126.0	736.2	
	CV	3.5	2.0	50.0	

**Appendix 28. Characteristics of
entries in P2 MLT DL at Kanpur,
1985-86**

Entry No.	ICCL./ ICC.No	Days to matu rity	Seed Yield	
			kg/ha	Rank
1	830149	163	1213	16
2	830151	165	1525	3
3	830152	164	1213	16
4	830156	164	1248	14
5	830160	164	1560	1
6	830162	165	1525	3
7	830172	163	1352	11
8	830173	164	1491	5
9	830174	164	1456	7
10	830185	164	1179	19
11	830188	163	936	25
12	830190	164	1040	23
13	830195	165	1283	12
14	830196	164	1456	7
15	830204	164	1560	1
16	830208	163	1040	23
17	830209	164	1144	20
18	830220	164	1421	9
19	830224	164	1421	9
20	830257	165	1283	12
21	830266	163	1144	20
22	830269	164	1248	14
23	830274	164	1213	16
24	4948	164	1109	22
25	Lo. ch	164	1491	5
	SE	0.7	195.2	
	Mean	164.0	1302.1	
	CV	0.7	26.0	

**Appendix 29. Characteristics of entries in F2 MLT DL
at Parbhagar, 1985-86**

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	830149	87	146	13	769	10
2	830151	92	151	14	670	16
3	830152	89	149	14	861	5
4	830156	93	146	15	596	20
5	830160	90	149	15	1149	3
6	830162	88	146	15	784	9
7	830172	88	147	14	598	19
8	830173	87	146	13	663	17
9	830174	84	143	14	1224	2
10	830185	87	145	15	573	21
11	830188	82	140	18	807	8
12	830190	85	144	19	861	5
13	830195	86	145	23	387	25
14	830196	85	144	43	416	23
15	830204	83	143	15	753	13
16	830208	85	144	15	1001	4
17	830209	85	144	14	718	14
18	830220	88	147	14	858	7
19	830224	87	147	17	674	15
20	830257	88	148	14	757	12
21	830266	83	141	18	1228	1
22	830269	90	148	14	629	18
23	830274	87	145	15	555	22
24	4948	95	150	17	763	11
25	Lo.ch	93	147	14	407	24
	SE	1.5	2.1	4.9	168.9	
	Mean	87.5	145.7	16.5	748.0	
	CV	3.1	2.5	51.5	39.1	

Appendix 30 Characteristics of entries in IC5W-DS at Isibardi 1
1955-56

Entry No.	ICCL / ICC No.	Days to 90% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield (kg/ha)	Rank
1	82211	63	75	118	15	2354	11
2	83209	64	65	119	22	2137	31
3	84204	64	57	119	21	2137	31
4	84205	63	57	118	16	2519	6
5	84218	63	51	116	12	2502	13
6	84223	64	55	117	15	1877	42
7	84246	63	52	119	20	2794	24
8	84252	60	90	117	18	1649	57
9	84239	64	57	117	21	2394	19
10	82237	63	67	117	17	2137	31
11	83149	65	64	118	17	1857	47
12	82184	63	64	117	17	1614	62
13	83138	64	52	118	17	2014	27
14	87120	62	55	119	19	1237	73
15	85201	64	52	117	21	2348	17
16	85202	63	51	117	20	2244	26
17	85207	62	50	110	23	1924	39
18	85208	62	55	117	16	1711	59
19	85207	64	56	119	19	1668	60
20	85206	61	61	118	23	1976	45
21	85207	61	60	113	19	2711	8
22	85208	60	60	117	20	198	76
23	85209	62	55	117	19	2037	35
24	85210	60	59	123	14	2919	4
25	85211	61	64	121	15	1827	42
26	85212	63	61	116	29	2456	14
27	85213	61	49	120	23	2502	12
28	85214	62	63	117	20	1398	79
29	85215	61	67	120	19	1947	46
30	85216	61	57	114	17	1777	48
31	85217	61	69	117	13	1460	83
32	85218	64	64	113	12	1981	38
33	85219	62	61	117	16	1742	52
34	85220	60	62	117	41	2317	16
35	85221	61	62	120	19	1398	79
36	85222	61	67	117	11	794	94
37	85223	61	67	117	14	1511	67
38	85224	60	67	117	12	1721	54
39	85225	61	67	119	13	1414	80
40	85226	61	67	117	13	1477	74
41	85227	61	67	119	17	1577	64
42	85228	65	67	116	17	1777	50
43	85229	61	57	118	17	1524	69
44	85230	62	67	119	13	1477	74
45	85231	65	47	110	13	1477	74
46	85232	62	67	117	13	1577	64
47	85233	62	67	117	13	1777	47
48	85234	61	67	117	13	1777	47
49	85235	66	67	117	13	1777	47
50	10450	62	50	117	13	1777	47
51	4917	62	51	117	14	1777	47
52	4951	62	59	114	14	2441	15
53	Local	62	43	118	11	2227	21
54		65	79	119	17	1777	47
Mean		62.1	56.0	117.0	17.0	1777.0	47.0
Max		65.0	90.0	123.0	41.0	2919.0	4.0
Min		60.0	49.0	110.0	12.0	794.0	94.0

Entry No.	ICCl./ ICC.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	02211	60	82	97	19	2819	29
2	02209	61	69	101	20	2902	47
3	04204	59	60	100	22	3050	28
4	04205	60	64	97	16	3014	8
5	04210	58	97	96	13	3603	4
6	04223	60	57	90	14	3127	23
7	04246	59	94	101	16	3301	16
8	04232	58	55	95	19	3266	19
9	04239	60	63	101	20	3603	4
10	12227	58	65	97	17	3127	23
11	03149	57	71	90	20	3197	21
12	02104	59	60	103	17	2710	40
13	03120	58	56	90	19	3609	7
14	02120	59	62	90	20	2994	33
15	05201	56	96	99	21	3127	23
16	05202	58	54	99	20	3050	28
17	05203	57	54	97	22	2700	39
18	05204	57	70	90	16	3093	26
19	05205	59	61	101	21	3475	10
20	05206	57	60	99	29	2049	37
21	05207	57	59	90	21	3475	10
22	05208	57	60	100	17	2320	52
23	05209	61	69	104	20	2710	40
24	05210	60	60	103	13	3162	22
25	05211	58	70	103	15	2902	47
26	05212	59	69	99	33	2571	48
27	05213	60	56	101	25	2606	44
28	05214	59	65	90	19	3093	26
29	05215	60	65	102	14	2670	43
30	05216	59	65	97	10	2363	51
31	05217	59	73	90	16	1772	53
32	05218	58	69	95	19	3440	13
33	05219	57	63	97	15	3753	2
34	05220	57	69	96	14	3753	2
35	05221	57	61	90	10	3405	14
36	05222	58	57	90	11	3510	9
37	05223	59	62	101	10	3266	19
38	05224	57	56	95	16	3023	31
39	05225	59	63	99	22	3603	4
40	05226	58	50	99	16	3092	1
41	05227	59	62	99	16	3301	16
42	05228	61	57	101	27	3050	28
43	05229	59	54	99	32	2920	34
44	05230	59	69	101	15	2432	49
45	05231	61	61	102	13	2390	50
46	05232	61	67	101	16	3336	15
47	05233	60	67	101	16	2004	35
48	05234	60	69	90	16	2710	40
49	05235	60	68	101	15	2004	35
50	10450	59	63	101	21	3301	16
51	4910	58	57	102	18	2975	32
52	4951	57	61	97	14	3461	12
53	Le. ch	61	45	100	12	2536	46
	SE	0.9	3.3	1.7	1.2	364.3	
	Mean	58.6	62.3	99.0	18.2	3061.6	
	CV	2.1	7.5	2.5	9.4	16.0	

Appendix 32 Characteristics of entries in IC50-86
at Parvanipur, 1985-86

Entry No.	ICCL./ ICC.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Seed Yield kg/ha	Rank
1	02211	70	44	120	798	14
2	02209	77	40	122	609	26
3	04204	70	36	122	657	32
4	04205	70	41	120	626	35
5	04218	70	44	125	1080	6
6	04223	76	39	122	751	22
7	04244	70	43	123	901	49
8	04232	70	47	123	798	14
9	04239	71	40	120	940	39
10	12237	70	40	121	751	22
11	03149	71	44	121	703	17
12	03104	71	43	120	775	21
13	03128	71	43	118	783	17
14	02120	71	47	119	1135	3
15	05201	68	49	120	904	25
16	05202	68	57	119	696	24
17	05203	68	45	121	689	11
18	05204	70	45	121	845	52
19	05205	72	49	126	374	28
20	05206	72	52	122	673	17
21	05207	70	56	125	781	13
22	05208	72	41	121	861	9
23	05209	71	41	124	657	32
24	05210	69	45	126	579	38
25	05211	69	47	121	391	51
26	05212	69	53	122	845	11
27	05213	71	40	123	1096	5
28	05214	69	43	119	719	53
29	05215	69	51	120	673	28
30	05216	68	56	121	501	45
31	05217	84	67	122	704	24
32	05218	84	47	124	798	14
33	05219	71	45	120	783	17
34	05220	71	42	119	861	9
35	05221	83	42	125	673	28
36	05222	71	53	122	1189	1
37	05223	71	46	124	673	28
38	05224	71	47	123	970	8
39	05225	72	45	122	649	34
40	05226	73	46	122	1119	4
41	05227	71	47	121	814	13
42	05228	73	43	121	516	43
43	05229	84	51	125	407	49
44	05230	84	42	121	501	45
45	05231	78	43	121	407	49
46	05232	73	45	122	516	43
47	05233	73	38	120	529	42
48	05234	73	31	122	548	39
49	05235	73	34	121	493	48
50	10450	71	39	122	548	39
51	4918	71	43	122	598	36
52	4951	70	42	121	587	37
53	Local	80	34	122	1138	2
SE		1.6	4.3	1.1	151.0	
Mean		72.3	44.8	121.4	708.7	
CV		3.2	13.7	1.5	10.1	

Appendix 11. Characteristics of entries in ICBM-DS at
Potlacheru, 1985-86

Entry No.	ICCL./ ICC.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	02211	55	20	90	10	1205	40
2	03209	46	26	90	20	1995	23
3	04204	40	25	90	21	1680	6
4	04205	48	27	93	10	1714	15
5	04210	51	27	97	17	1547	20
6	04223	45	27	91	10	1920	4
7	04246	43	20	91	19	1761	14
8	04232	41	25	89	19	1523	31
9	04239	47	26	93	20	1666	17
10	12237	49	33	94	20	1420	43
11	03149	44	26	90	19	1789	12
12	02104	39	25	90	10	1923	31
13	03120	47	26	93	20	1699	33
14	02120	55	26	95	22	1426	61
15	05201	30	26	92	22	1452	30
16	05202	30	27	92	22	1789	12
17	05203	55	35	101	27	1300	45
18	05204	38	26	93	10	2337	1
19	05205	47	32	94	24	2047	2
20	05206	47	30	95	29	1476	39
21	05207	37	29	93	22	1666	17
22	05208	48	30	97	21	1856	7
23	05209	45	27	91	20	1809	9
24	05210	41	26	90	15	1809	9
25	05211	43	27	90	15	1490	33
26	05212	36	30	94	31	1971	27
27	05213	54	33	97	29	1452	30
28	05214	49	20	93	10	1920	4
29	05215	44	27	90	17	1452	30
30	05216	30	32	90	10	952	53
31	05217	43	30	94	10	1095	51
32	05218	42	20	92	16	1856	7
33	05219	39	30	92	14	1809	9
34	05220	41	20	90	16	1610	22
35	05221	47	29	91	20	1309	47
36	05222	47	20	91	14	1142	50
37	05223	50	29	90	19	1595	23
38	05224	45	27	94	19	1476	35
39	05225	40	30	92	20	1666	17
40	05226	50	20	94	10	1452	30
41	05227	45	31	94	10	1357	46
42	05228	49	33	90	29	1023	52
43	05229	41	35	94	33	1452	30
44	05230	46	26	91	16	1595	23
45	05231	52	32	90	10	1441	37
46	05232	40	29	94	17	1952	3
47	05233	47	29	97	16	1547	20
48	05234	42	27	92	16	1714	15
49	05235	49	30	95	10	1238	49
50	10450	46	20	91	21	1595	23
51	4918	44	26	93	20	1652	20
52	4951	47	20	91	10	1652	20
53	Lo. ch	45	20	93	19	1533	30
	SE	1.0	1.0	1.6	0.5	203.8	
	Mean	45.2	28.6	93.0	19.9	1579.6	
	CV	3.2	4.9	2.5	3.6	10.2	

Appendix 34. Characteristics of entries in ICSW-DS
at Jerhat 1, 1985-86

Entry No.	ICCL./ ICC.No.	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	82211	38	115	17	701	28
2	82209	34	114	23	947	35
3	84204	38	116	24	1426	2
4	84205	38	116	22	885	8
5	84218	42	115	17	1223	3
6	84223	39	113	20	627	25
7	84246	44	114	23	504	39
8	84232	37	114	22	910	6
9	84239	39	115	20	600	23
10	12217	41	116	21	610	26
11	83149	44	115	32	821	10
12	82104	40	115	19	592	20
13	83128	36	109	20	884	7
14	82120	31	113	22	58	38
15	85201	44	115	25	473	43
16	85202	41	117	26	720	16
17	85203	33	111	33	724	19
18	85204	36	117	20	1015	4
19	85205	43	116	24	806	11
20	85206	36	114	27	795	15
21	85207	44	118	21	506	37
22	85208	43	117	21	452	47
23	85209	34	112	12	432	49
24	85210	38	117	17	777	14
25	85211	33	117	15	470	44
26	85212	40	118	20	777	14
27	85213	38	114	30	859	12
28	85214	41	116	21	1957	1
29	85215	45	118	27	449	48
30	85216	50	117	23	592	20
31	85217	49	116	26	506	37
32	85218	34	116	20	630	24
33	85219	31	114	27	525	36
34	85220	36	114	18	463	45
35	85221	40	117	27	859	9
36	85222	36	116	17	461	46
37	85223	29	115	20	317	53
38	85224	38	117	20	590	27
39	85225	38	114	22	481	42
40	85226	37	115	19	706	21
41	85227	39	112	19	739	17
42	85228	34	110	32	758	16
43	85229	40	113	34	560	31
44	85230	34	114	18	706	21
45	85231	42	112	19	424	50
46	85232	36	117	21	485	41
47	85233	42	118	19	498	40
48	85234	37	116	28	410	51
49	85235	31	112	20	385	52
50	10450	34	114	32	548	33
51	4918	38	116	24	546	34
52	4951	37	118	21	605	12
53	Lo ch	33	114	19	950	5
SE		4.9	2.1	1.5	112.4	
Mean		38.0	114.7	21.5	669.0	
CV		16.7	2.5	7.0	44.9	

Appendix 18 Characteristics of entries in IC80-99 at
 Jordan 2, 1989-90

Entry No.	ICCL No.	Days to Plant	Days to Maturity	Plant Height (cm)	Seed Yield (g)	Seed Yield (kg/ha)	Seed Yield (kg/ha)
1	02211	86	19	132	18	500	19
2	02209	79	34	126	22	260	47
3	04204	75	33	133	25	642	8
4	04205	78	29	134	21	518	16
5	04216	71	37	130	18	707	6
6	04223	79	35	136	19	461	26
7	04246	79	46	132	21	287	69
8	04232	71	28	136	22	568	11
9	04239	73	41	132	26	487	30
10	12237	76	38	133	22	831	1
11	02149	79	29	132	21	781	2
12	02164	74	22	132	21	759	3
13	02120	74	37	131	17	500	19
14	02120	76	34	134	23	487	22
15	05201	72	29	129	20	509	17
16	09202	72	28	130	24	464	29
17	09203	73	33	130	25	416	32
18	09204	74	31	131	23	499	9
19	09205	77	24	133	23	564	12
20	09206	79	27	132	29	629	9
21	09207	74	39	131	29	487	22
22	09208	75	31	133	22	479	24
23	09209	79	33	133	24	332	41
24	09210	74	33	130	19	463	22
25	09211	73	35	130	18	664	7
26	09212	74	38	132	10	924	19
27	09213	73	36	130	10	909	17
28	09214	73	33	131	19	685	6
29	09215	74	33	131	13	381	39
30	09216	74	43	131	2	178	17
31	09217	77	40	135	18	287	53
32	09218	80	37	139	23	416	32
33	09219	76	33	131	19	463	26
34	09220	75	35	135	19	314	43
35	09221	75	37	132	21	213	51
36	09222	73	33	130	18	398	34
37	09223	75	30	132	28	551	13
38	09224	73	29	131	23	459	29
39	09225	73	34	135	19	500	19
40	09226	78	35	135	18	533	14
41	09227	79	34	132	19	426	31
42	09228	78	39	136	28	263	49
43	09229	79	40	136	33	324	42
44	09230	78	32	136	18	335	40
45	09231	84	36	143	19	213	51
46	09232	78	31	133	17	389	35
47	09233	78	35	136	17	268	47
48	09234	76	31	133	16	309	44
49	09235	83	37	139	16	287	69
50	10450	81	34	137	19	241	50
51	1918	78	33	139	21	362	18
52	4951	74	33	131	20	582	10
53	Lo CH	84	39	139	18	380	36

SE	1.4	3.2	1.5	0.6	115.7
Mean	75.6	33.4	133.0	21.8	460.1
CV	2.6	13.5	1.5	3.7	35.6

Entry No.	ICCL/ ICC No.	Days to 90% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield (kg/ha)	Rank
1	82211	61	28	103	16	904	47
2	83209	54	30	96	20	1357	13
3	84204	55	28	97	20	1023	39
4	84205	55	31	97	18	857	50
5	84210	57	35	97	16	1071	37
6	84223	58	31	97	18	952	44
7	84246	55	31	96	20	1289	17
8	84292	55	27	96	14	1119	32
9	84299	57	29	99	21	1642	3
10	12237	55	37	103	17	1047	38
11	83149	55	31	97	19	1119	32
12	82104	55	31	97	19	1523	6
13	83128	55	31	102	19	1595	4
14	82120	57	31	103	20	1285	17
15	85201	55	32	95	21	1737	1
16	85202	55	31	99	22	1166	26
17	85207	61	30	103	24	904	47
18	85204	54	32	95	18	1190	25
19	85205	55	31	103	24	690	52
20	85206	55	35	97	20	1119	32
21	85207	55	35	97	21	1261	20
22	85208	57	32	103	21	1095	36
23	85209	55	31	96	20	1523	6
24	85210	55	30	97	19	1142	29
25	85211	55	31	96	16	1023	39
26	85212	55	33	99	15	1571	5
27	85213	55	33	103	24	976	43
28	85214	55	33	99	29	1119	32
29	85215	57	31	99	19	1714	2
30	85216	57	42	99	20	920	46
31	85217	55	40	103	19	1142	29
32	85218	55	32	97	18	1214	23
33	85219	54	31	94	13	1230	22
34	85220	55	32	107	16	952	44
35	85221	55	29	97	18	1142	29
36	85222	55	33	102	14	1023	39
37	85223	58	32	103	22	904	47
38	85224	56	40	103	17	571	53
39	85225	57	32	97	19	1261	20
40	85226	55	35	102	17	714	51
41	85227	55	34	99	17	1297	16
42	85228	57	39	103	21	1166	26
43	85229	55	38	99	37	1166	26
44	85230	57	31	97	17	1309	14
45	85231	57	37	102	18	1023	39
46	85232	55	35	99	17	1523	6
47	85233	57	36	96	18	1499	9
48	85234	57	34	97	16	1404	12
49	85235	55	35	92	17	1214	23
50	10450	55	32	97	21	1309	14
51	4910	55	29	102	19	1414	11
52	4951	55	33	97	16	1280	19
53	Louch	53	34	97	15	1435	10
	SE	0.1	2.2	0.7	0	193.0	
	Mean	55.8	32.7	99.0	19.7	1191.3	
	CV	0.3	9.7	0.0		18.3	

Appendix 37. Characteristics of entries in IC5N-DB at
Beugang, 1983-86

Entry No.	ICCL./ ICC.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	02211	69	34	124	13	666	19
2	03209	74	42	127	15	666	19
3	04204	76	47	130	16	452	39
4	04205	71	40	120	12	547	31
5	04210	71	39	124	12	762	11
6	04223	67	40	126	14	857	2
7	04246	71	47	124	17	571	29
8	04232	70	41	133	17	762	11
9	04239	73	50	131	17	301	40
10	12237	70	50	123	14	762	11
11	03149	68	40	124	14	809	5
12	02104	73	44	129	13	643	21
13	03120	71	44	120	15	809	5
14	02120	75	57	127	13	785	8
15	05201	69	52	123	16	619	25
16	05202	70	53	129	16	714	16
17	05203	75	54	129	15	571	29
18	05204	77	48	128	15	738	14
19	05205	70	57	124	15	452	39
20	05206	71	55	126	20	420	44
21	05207	69	60	131	16	357	51
22	05208	71	45	123	14	452	39
23	05209	71	45	127	16	524	33
24	05210	69	42	129	12	643	21
25	05211	70	39	120	12	619	25
26	05212	67	40	124	24	857	2
27	05213	74	48	129	20	595	27
28	05214	72	41	131	15	738	14
29	05215	72	38	120	13	714	16
30	05216	70	53	128	15	405	45
31	05217	75	63	125	10	238	53
32	05218	76	46	128	13	524	33
33	05219	77	54	128	13	809	5
34	05220	76	50	132	13	714	16
35	05221	74	40	133	16	333	52
36	05222	74	46	127	16	643	21
37	05223	78	46	125	14	524	33
38	05224	67	37	120	17	301	40
39	05225	69	46	128	16	785	8
40	05226	69	42	127	15	976	1
41	05227	75	46	119	14	857	2
42	05228	77	54	125	19	500	37
43	05229	77	44	128	14	301	40
44	05230	77	40	128	13	595	27
45	05231	75	51	125	13	405	45
46	05232	77	44	124	11	452	39
47	05233	79	51	130	11	547	31
48	05234	76	44	130	12	643	21
49	05235	74	48	125	12	524	33
50	10450	77	47	129	14	452	39
51	4918	73	49	127	16	400	47
52	4951	71	46	123	13	766	10
53	Lo. ch	75	44	129	10	466	38
SE		2.0	4.9	2.9	1.3	141.1	
Mean		72.4	46.6	126.0	14.6	600.2	
CV		5.5	15.0	3.2	12.4	33.2	

Appendix 36. Characteristics of entries in ICSM-DS at Dharwar, 1985-86

Entry No.	ICL No.	Days to Seed Yield	Yield t/ha	Rank
1	02211	57	1779	90
2	02209	53	1974	2
3	02204	53	1974	2
4	02205	53	2002	1
5	02210	53	1640	23
6	02223	54	1501	39
7	02246	55	1947	5
8	02232	55	1661	20
9	02239	54	1890	9
10	12237	55	1591	39
11	02169	53	1890	9
12	02104	54	1840	9
13	02120	54	1610	20
14	02120	55	1107	49
15	02201	54	1547	33
16	02202	53	1910	7
17	02203	56	1612	27
18	02204	54	1529	36
19	02205	55	1935	13
20	02206	55	1612	27
21	02207	53	1190	47
22	02208	56	1501	39
23	02209	55	1279	50
24	02210	55	1779	15
25	02211	55	1807	14
26	02212	55	1779	15
27	02213	54	1223	52
28	02214	56	1501	39
29	02215	55	1724	18
30	02216	54	1334	48
31	02217	55	965	53
32	02218	55	1557	33
33	02219	54	1505	30
34	02220	54	1585	30
35	02221	57	1863	12
36	02222	55	1640	23
37	02223	57	1640	23
38	02224	55	1410	45
39	02225	55	1529	36
40	02226	54	1974	2
41	02227	55	1557	33
42	02228	55	1410	45
43	02229	55	1946	5
44	02230	56	1668	20
45	02231	57	1529	36
46	02232	54	1696	19
47	02233	55	1910	7
48	02234	53	1446	44
49	02235	56	1640	23
50	10430	56	1585	30
51	0910	55	1735	17
52	0951	55	1601	29
53	Leach	62	1479	43

SE 0.9 183.7
 Mean 54.7 163.4
 CV 2.4 1.9

Appendix 39. Characteristics of entries in
ICBN-DS at Guibergo, 1983-84

Entry No.	ICCL./ ICC.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Seed yield kg/ha	Rank
1	02211	98	107	100	707	28
2	03200	66	102	93	990	8
3	04204	60	100	88	1007	6
4	04205	67	83	80	702	30
5	04210	54	130	95	1019	7
6	04223	49	124	92	1269	2
7	04246	49	90	90	624	33
8	04232	44	136	89	936	10
9	04239	44	100	89	1061	5
10	12237	96	109	96	770	23
11	03149	69	67	90	1102	3
12	02104	60	99	88	990	8
13	03120	44	63	89	707	20
14	02120	54	111	103	94	53
15	09201	38	60	87	770	23
16	09202	37	109	86	896	12
17	09203	56	93	94	437	47
18	09204	38	139	89	893	10
19	09205	46	64	96	312	51
20	09206	41	76	99	129	52
21	09207	36	90	89	770	23
22	09208	48	99	94	478	45
23	09209	42	97	88	1061	5
24	09210	43	81	89	893	10
25	09211	41	70	84	863	18
26	09212	40	68	89	770	23
27	09213	50	93	92	490	46
28	09214	40	60	94	982	34
29	09215	46	42	88	499	42
30	09216	43	46	86	920	39
31	09217	49	58	94	385	49
32	09218	41	137	87	915	11
33	09219	40	109	85	645	32
34	09220	43	66	86	799	27
35	09221	40	116	92	1352	1
36	09222	47	116	96	920	30
37	09223	44	90	96	814	13
38	09224	43	47	99	437	47
39	09225	45	106	90	896	12
40	09226	49	99	98	874	17
41	09227	49	111	89	962	36
42	09228	47	116	99	394	50
43	09229	46	109	88	967	35
44	09230	49	127	86	941	38
45	09231	53	119	97	962	36
46	09232	48	109	87	499	42
47	09233	44	129	86	832	22
48	09234	39	107	86	676	31
49	09235	48	112	91	499	42
50	10490	46	99	89	920	39
51	4918	44	84	90	882	15
52	4951	45	89	87	893	10
53	Lo. ch	38	106	88	876	16
	SE	0.6	9.1	0.8	74.0	
	Mean	44.9	92.8	90.0	721.2	
	CV	1.4	8.4	0.8	14.3	

Appendix 40. Characteristics of entries
in ICSM-DS at Sijopus, 1963-66

Entry No.	ICCL./ ICC No.	Plant height (cm)	Days to maturity	Seed Yield kg/ha	Rank
1	82211	28	96	2523	7
2	82209	17	94	1871	36
3	84204	25	96	1833	23
4	84205	28	96	1761	26
5	84218	33	96	1190	44
6	84223	28	96	2071	17
7	84246	24	95	1809	24
8	84232	19	94	1761	26
9	84239	28	96	1095	45
10	12237	30	97	2380	9
11	83149	26	93	2499	6
12	82104	26	93	1714	32
13	83120	29	98	1928	22
14	83120	27	96	1214	43
15	85201	27	97	1714	32
16	85202	28	94	1737	29
17	85203	29	94	1389	42
18	85204	27	87	2975	1
19	85205	28	94	1547	37
20	85206	30	95	1873	47
21	85207	29	94	1761	26
22	85208	29	97	2021	10
23	85209	24	94	1476	38
24	85210	25	96	2642	5
25	85211	27	97	2166	14
26	85212	28	95	1614	35
27	85213	28	95	1457	31
28	85214	28	96	1800	24
29	85215	24	95	2808	3
30	85216	30	97	1737	29
31	85217	33	95	1071	46
32	85218	27	96	2213	12
33	85219	28	95	976	50
34	85220	27	94	2014	16
35	85221	27	97	1476	38
36	85222	27	97	1452	40
37	85223	32	98	1113	12
38	85224	24	96	357	52
39	85225	26	97	1428	41
40	85226	27	95	1000	48
41	85227	30	93	1000	48
42	85228	29	96	2237	11
43	85229	28	94	2047	18
44	85230	28	98	1737	29
45	85231	27	97	2951	2
46	85232	27	91	2215	10
47	85233	27	94	1714	32
48	85234	25	87	2642	5
49	85235	27	98	2021	10
50	10490	24	95	1714	32
51	4918	25	94	2111	15
52	4951	26	94	1994	21
53	Lo. ch	23	94	2808	3
SE		2.0	2.0	593	
Mean		27.1	95.0	1814	
CV		10.6	2.9	40.2	

Appendix 41 Characteristics of entries in ICSS-DB at
Ahola, 1985-86

Entry No.	ICCL./ ICC.No	Days to 50% flw ering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	02211	48	30	78	17	602	31
2	03209	42	26	72	17	591	38
3	04204	37	26	72	20	665	3
4	04205	39	27	76	18	540	39
5	04210	46	27	82	18	646	24
6	04223	43	26	73	19	668	18
7	04246	36	25	77	19	674	16
8	04232	39	27	75	20	471	68
9	04239	38	25	77	21	756	8
10	12237	42	30	82	20	728	10
11	03149	38	27	73	19	602	31
12	02104	35	25	71	17	721	12
13	03120	36	27	72	18	1047	1
14	02120	34	28	81	20	307	51
15	05201	35	27	69	20	435	26
16	05202	38	29	70	20	881	2
17	05203	37	32	80	25	548	30
18	05204	36	27	69	17	783	7
19	05205	40	32	77	22	608	30
20	05206	41	32	73	16	235	51
21	05207	35	29	71	2	712	13
22	05208	43	30	65	20	724	10
23	05209	41	27	75	18	662	19
24	05210	36	25	72	16	745	9
25	05211	39	25	71	5	799	6
26	05212	38	29	75	18	707	14
27	05213	45	31	84	27	405	50
28	05214	45	27	80	17	548	39
29	05215	41	26	78	16	517	42
30	05216	41	28	73	7	591	35
31	05217	44	40	81	17	602	31
32	05218	41	26	73	15	615	26
33	05219	39	26	71	16	805	5
34	05220	41	24	72	19	773	17
35	05221	42	25	81	19	810	4
36	05222	44	28	75	14	702	11
37	05223	42	24	84	18	784	15
38	05224	41	27	73	16	624	28
39	05225	44	28	81	19	762	18
40	05226	44	29	82	17	762	18
41	05227	44	28	77	18	558	38
42	05228	42	31	81	25	411	49
43	05229	39	33	81	15	263	52
44	05230	43	26	78	16	709	44
45	05231	46	29	82	16	460	45
46	05232	43	29	77	17	460	45
47	05233	44	29	73	15	737	42
48	05234	42	26	73	15	613	29
49	05235	45	29	81	16	569	37
50	10450	43	24	79	18	657	23
51	4918	40	24	76	19	642	15
52	4951	43	29	78	16	737	25
53	Lo. ch	57	2	90	14	47	47
SE		1.6	1.1	2.8	0	124.4	
Mean		41.3	27.7	76.5	18.8	62.3	
CV		5.6	8.3	5.2	0	20.5	

Appendix 42 Characteristics of entries in ICSS-DS at
1989-86

Entry No.	ICCL./ ICC.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	02211	49	32	104	15	500	17
2	03209	42	28	105	18	696	10
3	04204	43	26	104	19	785	3
4	04205	48	29	102	17	571	27
5	04210	48	30	103	16	660	15
6	04223	46	30	101	16	750	7
7	04246	43	28	106	18	646	16
8	04232	41	28	105	18	696	10
9	04234	46	28	98	17	714	9
10	12237	47	31	101	18	539	35
11	03149	43	27	103	17	768	5
12	02104	42	27	102	17	821	2
13	03120	43	30	99	17	607	19
14	02120	49	31	102	19	785	3
15	05201	40	27	101	18	553	29
16	05202	41	31	100	21	677	14
17	05203	42	33	106	23	589	22
18	05204	42	27	100	20	464	49
19	05204	47	35	102	22	482	47
20	05206	43	33	100	27	759	4
21	05207	41	28	100	21	544	33
22	05208	45	28	106	20	60	19
23	05209	41	24	101	19	500	43
24	05210	48	29	105	14	792	47
25	05211	44	26	104	15	57	22
26	05212	42	31	100	21	54	33
27	05213	41	29	103	2	537	36
28	05214	41	26	99	16	474	49
29	05215	49	25	103	1	707	43
30	05216	49	33	101	17	516	36
31	05217	44	31	103	15	536	36
32	05218	43	27	102	16	589	22
33	05219	42	28	104	15	536	36
34	05220	44	28	102	14	519	22
35	05221	46	25	102	18	657	1
36	05222	49	30	100	14	500	43
37	05223	42	24	101	16	513	29
38	05224	42	22	102	18	687	13
39	05225	44	28	102	16	57	36
40	05226	45	26	105	16	75	27
41	05227	45	30	101	16	702	8
42	05228	44	30	102	24	713	29
43	05229	43	33	99	30	448	52
44	05230	43	28	103	16	47	16
45	05231	46	31	102	17	57	36
46	05232	44	24	97	15	574	42
47	05233	44	31	101	15	1	27
48	05234	43	27	101	15	4	49
49	05235	45	29	101	16	6	10
50	10450	47	27	101	18	118	53
51	4910	43	25	103	19	675	21
52	4951	45	28	101	15	575	26
53	Lo. ch	40	25	95	14	617	18
SE		0.5	1.5	0.6	0.9	1	
Mean		43.9	28.3	101.6	17.9	571	
CV		1.5	7.7	0.8	6.7	2.4	

Appendix 43. Characteristics of entries in ICAR-86 at
Babari, 1985-86

Entry No.	ICCL No.	Days to maturity	Days to height (cm)	Days to rate (%)	Weight of 100 seeds (g)	Seed yield kg/ha	Plant height at maturity
1	02211	56	29	107	16	904	29
2	02209	47	23	96	22	631	46
3	04204	53	24	96	20	428	53
4	04205	46	20	102	19	1309	3
5	04210	53	20	99	16	841	28
6	04223	54	24	94	18	452	52
7	04206	46	24	101	21	920	22
8	04232	41	24	94	.7	443	44
9	04239	41	21	100	18	443	44
10	12237	51	24	94	17	920	22
11	02149	54	24	97	20	762	37
12	02104	57	19	96	20	1011	14
13	02120	53	24	93	22	976	15
14	02120	55	27	104	19	1083	12
15	05201	53	26	96	22	1095	11
16	05202	53	26	95	22	920	22
17	05203	53	33	104	27	964	19
18	05204	51	22	95	21	976	18
19	05205	53	22	102	23	845	31
20	05206	56	24	105	30	524	49
21	05207	47	35	100	25	976	19
22	05208	48	34	96	21	1142	8
23	05209	56	20	96	18	857	30
24	05210	57	20	99	19	1300	1
25	05211	44	20	95	15	666	43
26	05212	49	44	96	39	1261	9
27	05213	52	12	96	19	952	20
28	05214	54	14	95	17	1265	4
29	05215	56	30	106	22	1142	8
30	05216	46	24	97	27	785	34
31	05217	53	35	99	18	476	51
32	05218	53	24	101	16	976	15
33	05219	55	20	76	15	1190	6
34	05220	51	22	97	17	1023	12
35	05221	57	23	96	19	785	34
36	05222	55	27	98	15	750	39
37	05223	55	22	95	20	619	47
38	05224	49	23	73	19	762	37
39	05225	53	24	97	19	1380	1
40	05226	44	28	95	18	833	32
41	05227	54	29	102	17	738	40
42	05228	49	28	97	24	690	42
43	05229	54	27	97	34	904	25
44	05230	51	25	101	5	821	33
45	05231	55	25	98	.7	785	34
46	05232	48	41	94	18	714	41
47	05233	56	30	100	.4	1190	6
48	05234	56	24	102	.6	560	48
49	05235	60	29	101	15	952	20
50	10450	51	23	98	.4	524	49
51	4918	54	27	99	.7	902	27
52	4951	53	28	97	1	476	29
53	Lo.ch	50	27	98	2	1131	10
SE		2.9	2.4	4.8	0.4	1.1	9
Mean		52.7	27.4	97.3	20.4	865	9
CV		7.8	12.5	7.0	4.2	21.1	

Appendix 44. Characteristics of entries in ICSD-DS at
Roosjhar, 1985-86

Entry No.	ICCL/ ICC.No.	Days to flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield (kg/ha)	Rank
1	02211	48	30	70	17	602	31
2	03200	47	26	72	17	591	35
3	04204	37	26	72	20	565	3
4	04205	39	27	74	18	548	19
5	04218	46	27	87	16	646	24
6	04223	43	24	77	19	668	18
7	04244	36	25	77	19	679	16
8	04232	38	23	75	20	633	48
9	04239	38	25	77	21	756	8
10	12237	42	30	82	20	728	10
11	03149	38	27	73	19	602	31
12	02104	35	25	71	17	723	12
13	03128	36	27	72	18	662	1
14	02120	54	28	81	17	507	51
15	05201	35	27	69	20	635	26
16	05202	36	29	70	18	881	2
17	05203	37	31	80	25	548	19
18	05204	36	27	69	17	783	7
19	05205	40	32	77	22	608	30
20	05206	41	31	77	26	235	53
21	05207	35	29	71	22	712	13
22	05208	43	30	81	20	728	10
23	05209	41	27	74	18	662	19
24	05210	36	25	72	18	745	9
25	05211	39	25	71	18	799	6
26	05212	39	29	74	18	706	14
27	05213	45	31	84	18	405	50
28	05214	45	27	81	17	548	19
29	05215	41	26	74	18	537	42
30	05216	41	28	75	17	591	35
31	05217	44	40	82	17	602	31
32	05218	41	26	73	18	635	26
33	05219	39	26	71	17	805	5
34	05220	41	26	71	18	673	17
35	05221	42	25	73	17	610	4
36	05222	44	28	77	18	602	31
37	05223	42	24	84	18	684	15
38	05224	41	27	77	18	624	28
39	05225	44	28	81	19	662	19
40	05226	44	29	82	17	662	19
41	05227	44	28	77	17	558	38
42	05228	42	31	81	17	411	49
43	05229	38	31	77	18	263	52
44	05230	43	26	77	18	509	44
45	05231	46	29	82	17	460	45
46	05232	43	29	77	17	460	45
47	05233	44	29	77	17	517	42
48	05234	42	26	77	17	613	29
49	05235	45	29	81	17	569	37
50	10450	43	24	79	17	657	23
51	4918	40	26	76	18	662	19
52	495	43	29	78	17	637	25
53	Local	57	26	81	18	447	47
SE	1.6	1.7	2.4	1.8	229.4		
Mean	41	27.8	76.1	18	620.3		
CV	5.1	6.9	5.2		29.5		

Appendix 45 Characteristics of entries in ICSD-88
at Coimbatore, 1985-86

Entry No.	ICCL./ ICC.No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds	Seed Yield kg/ha	Rank
1	02211	83	88	18	571	18
2	03209	80	90	17	476	37
3	04204	47	89	19	666	7
4	04205	48	92	16	571	18
5	04210	45	89	14	666	7
6	04223	47	88	17	524	29
7	04246	47	88	15	476	37
8	04212	43	87	16	452	42
9	04219	53	89	18	524	29
10	12237	40	87	16	524	29
11	03149	86	88	17	428	45
12	02104	92	89	16	666	6
13	03170	49	88	20	619	13
14	02120	88	87	19	571	18
15	05201	41	88	19	666	7
16	05202	40	88	18	571	18
17	05203	56	88	20	113	50
18	05204	51	88	16	428	45
19	05205	49	87	18	309	52
20	05206	53	88	26	131	50
21	05207	40	90	21	738	4
22	05208	49	88	19	762	2
23	05209	55	90	19	428	45
24	05210	46	90	18	476	37
25	05211	46	89	14	762	2
26	05212	42	90	30	666	7
27	05213	47	94	21	428	45
28	05214	48	88	14	524	29
29	05215	49	88	18	738	4
30	05216	53	89	16	226	53
31	05217	52	97	13	619	13
32	05218	46	95	14	500	16
33	05219	42	87	15	409	1
34	05220	48	92	14	690	6
35	05221	52	92	18	595	16
36	05222	48	94	15	571	18
37	05223	50	91	16	571	18
38	05224	50	91	17	105	49
39	05225	47	90	16	571	18
40	05226	47	92	16	464	40
41	05227	48	91	15	619	13
42	05228	49	92	25	666	7
43	05229	50	92	35	547	20
44	05230	50	94	15	524	29
45	05231	51	92	14	595	16
46	05232	49	91	14	452	42
47	05233	49	92	15	595	16
48	05234	49	92	12	641	11
49	05235	48	91	16	471	19
50	10450	56	94	17	452	42
51	4918	47	92	18	516	14
52	4951	47	92	15	551	17
53	Lo ch	42	89	29	509	15
	SE	0.6		0.9	8.4	
	Mean	48.8	90.4	17.8	546.5	
	CV	1.7	1.0	7.0	21	

Appendix 66 Characteristics of entries in ICSS-DS at Pantnagar, 1985-86

Entry No.	ICCL./ ICC.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	82211	89	44	143	16	1093	9
2	83709	86	44	145	25	712	26
3	84204	84	38	144	27	966	13
4	84205	82	41	147	18	810	21
5	84218	76	46	134	15	927	15
6	84223	84	47	147	18	1040	10
7	84266	84	46	144	24	992	79
8	84232	77	44	134	22	902	16
9	84239	89	51	144	21	639	32
10	12237	79	48	137	20	1321	3
11	83149	76	37	131	20	696	30
12	82104	84	46	140	16	1099	6
13	83128	81	40	133	11	484	29
14	82120	79	47	135	16	488	28
15	85201	74	45	131	4	1359	2
16	85202	76	46	135	21	914	41
17	85203	81	49	139	21	1099	5
18	85204	79	40	132	21	1070	7
19	85205	81	51	138	24	814	20
20	85206	77	47	132	24	1115	4
21	8520	77	45	133	25	936	40
22	85208	80	44	131	2	973	12
23	85209	74	36	124	21	614	34
24	85210	73	37	124	17	654	31
25	85211	77	43	125	15	494	46
26	85212	73	40	129	22	916	42
27	85213	76	45	124	22	277	49
28	85214	74	38	124	1	1017	11
29	85215	81	38	124	1	354	48
30	85216	74	45	128	2	263	51
31	85217	79	63	132	14	218	59
32	85218	80	49	137	17	272	50
33	85219	78	41	131	12	623	33
34	85220	74	34	132	4	799	22
35	85221	77	42	131	23	986	36
36	85222	79	39	131	3	455	45
37	85223	78	41	131	1	226	52
38	85224	76	43	131	10	878	17
39	85225	75	49	131	1	941	39
40	85226	78	38	131	1	444	37
41	85227	81	47	134	14	830	19
42	85228	88	57	149	11	142	25
43	85229	90	60	141	19	380	47
44	85230	85	45	142	10	1071	8
45	85231	90	47	144	10	843	18
46	85232	87	50	131	1	611	35
47	85233	84	41	131	1	952	14
48	85234	87	47	144	1	1446	1
49	85235	87	50	143	1	441	27
50	10450	82	48	137	1	479	43
51	4918	81	43	134	21	461	44
52	4951	79	43	133	17	746	24
53	Local	80	42	141	1	191	23
SE		1.0				2.3	0
Mean		79.8	45.0	136.2	15.0	754	
V		5.4	11.9	3.4	1.4	50	

Appendix 47. Characteristics of entries in ICSN-DN
at Ishurdi, 1985-86

Entry No.	ICCL./ ICC.No.	Days to 50% flowering	Plant height (cm)	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	84302	60	46	16	1147	19
2	84304	59	43	15	1251	12
3	84305	61	39	19	782	38
4	84309	60	46	13	938	32
5	84310	65	47	14	990	31
6	84328	61	43	17	1043	28
7	84333	58	49	12	938	32
8	85301	61	45	12	886	36
9	85302	68	50	15	834	37
10	85303	59	48	15	1095	23
11	85304	62	50	22	1268	9
12	85305	62	49	15	1894	1
13	85306	60	46	18	1268	9
14	85307	59	44	20	1147	19
15	85308	67	44	20	1095	23
16	85309	63	50	15	938	32
17	85310	60	45	13	1043	28
18	85311	65	48	16	1372	5
19	85312	61	44	14	1199	16
20	85313	63	46	12	1268	9
21	85314	62	42	12	1095	23
22	85315	63	41	13	1147	19
23	85316	61	46	16	626	41
24	85317	59	49	11	938	32
25	85318	59	42	18	1303	7
26	85319	64	46	13	1055	27
27	85320	65	47	17	1303	7
28	85321	64	45	11	1251	12
29	85322	63	46	14	730	39
30	85323	63	48	19	626	41
31	85324	63	43	21	1877	2
32	85325	60	45	21	1355	6
33	85326	60	47	14	730	39
34	85327	63	46	12	1251	12
35	85328	60	42	11	1251	12
36	85329	62	44	12	1095	23
37	85330	66	42	12	626	41
38	85331	67	45	25	1564	3
39	8436	64	49	11	1199	16
40	1956	60	47	13	1564	3
41	5003	64	45	25	1160	18
42	11525	62	45	12	1134	22
43	Lo.ch	62	38	11	1029	30
	SE	2.0	3.0	1.0	228.0	
	Mean	62.0	45.0	15.0	1123.0	
	CV	4.0	10.0	8.0	29.0	

Appendix 48. Characteristics of entries in ICSM-DH
at Parvanipur, 1985-86

Entry No.	ICCL. ICC.No.	Days to 50% flo vering	Plant height (cm)	Days to maturity	Yield kg/ha	Seed yield Rank
1	84302	88	36	130	618	8
2	84304	80	34	131	94	41
3	84305	87	35	129	125	39
4	84309	88	39	132	595	10
5	84310	87	40	131	423	21
6	84328	88	38	140	376	28
7	84333	88	37	131	423	21
8	85301	87	40	132	610	9
9	85302	91	32	131	266	34
10	85303	80	33	129	391	24
11	85304	90	35	129	172	36
12	85305	80	39	127	556	13
13	85306	79	39	128	313	31
14	85307	88	38	129	548	14
15	85308	91	45	129	626	7
16	85309	90	35	129	704	4
17	85310	88	36	127	1299	1
18	85311	88	31	129	775	2
19	85312	80	40	129	689	5
20	85313	91	39	129	579	12
21	85314	90	34	131	282	33
22	85315	88	29	131	376	28
23	85316	89	36	131	157	38
24	85317	89	33	128	313	31
25	85318	87	42	130	736	3
26	85319	91	41	131	344	30
27	85320	91	38	130	438	20
28	85321	90	36	129	391	24
29	85322	88	34	129	689	5
30	85323	89	32	131	78	43
31	85324	89	35	129	501	17
32	85325	79	34	129	532	16
33	85326	88	40	129	383	27
34	85327	88	40	129	470	18
35	85328	89	36	129	86	42
36	85329	91	38	128	407	23
37	85330	89	37	129	548	14
38	85331	91	30	130	117	40
39	8436	88	43	129	410	18
40	1956	79	36	128	391	24
41	5003	91	37	130	591	11
42	11525	88	35	129	170	37
43	Lo.ch	91	29	129	237	35
	SE	4.0	3.0	1.1	168.1	
	Mean	87.0	36.0	129.1	439.0	
	CV	6.0	11.0	1.3	54.0	

Appendix 49. Characteristics of entries in ICGM-DM
at Patancheru, 1985-86

Entry No.	ICCL./ ICC.No.	Days to 50% flo vering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	84302	53	28	100	16	1309	13
2	84304	52	30	103	16	1285	15
3	84305	42	26	99	16	1380	7
4	84309	63	31	115	15	333	43
5	84310	47	27	99	18	1357	9
6	84328	54	30	101	17	1119	26
7	84333	61	34	111	20	857	37
8	85301	58	34	106	23	619	39
9	85302	55	31	102	16	1166	23
10	85303	61	31	109	17	1261	17
11	85304	46	27	99	20	928	35
12	85305	41	25	99	23	1285	15
13	85306	58	31	108	20	1047	29
14	85307	41	27	98	17	1856	1
15	85308	61	32	112	24	976	33
16	85309	62	33	109	24	1142	25
17	85310	60	35	107	17	1642	2
18	85311	54	28	99	14	1499	4
19	85312	55	27	103	22	1095	28
20	85313	55	32	105	15	1357	9
21	85314	55	30	102	13	1547	3
22	85315	59	30	107	13	1357	8
23	85316	53	28	107	19	1380	7
24	85317	66	37	116	19	785	50*
25	85318	63	34	108	20	1023	38
26	85319	63	32	110	17	1452	51
27	85320	54	29	106	16	1309	13
28	85321	63	38	110	19	1238	19*
29	85322	65	32	106	13	904	30*
30	85323	63	36	108	14	1452	5
31	85324	63	39	113	19	1047	29
32	85325	52	34	108	24	1333	12
33	85326	52	40	110	24	1238	19
34	85327	56	34	113	17	976	33
35	85328	58	31	106	24	1214	22
36	85329	66	26	114	14	171	41
37	85330	70	29	117	15	595	40
38	85331	69	31	113	14	547	42
39	8436	58	30	104	15	1261	17
40	1956	62	37	111	29	1238	19
41	5003	62	37	111	27	1023	31
42	11525	58	37	111	14	1160	24
43	Lo.ch	58	32	110	16	1119	26
	SE	1.0	1.0	2.6	2.0	206.0	
	Mean	57.0	31.0	107.0	18.0	1146.0	
	CV	3.0	5.0	3.0	13.0	25.0	

**Appendix 50. Characteristics of entries in ICGM-DH
at Sabour, 1985-86**

Entry No.	ICCL./ ICC.No.	Days to 50% flo vering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	84302	77	46	137	16	1564	6
2	84304	79	45	137	16	1251	9
3	84305	78	41	119	17	563	39
4	84309	82	42	138	15	1084	18
5	84310	79	46	137	18	563	39
6	84328	79	48	140	20	1772	1
7	84333	81	43	128	19	1293	8
8	85301	80	54	138	18	1188	13
9	85302	79	46	137	17	771	33
10	85303	83	46	139	15	626	38
11	85304	80	44	119	21	313	42
12	85305	79	48	140	16	834	32
13	85306	78	42	138	19	917	29
14	85307	79	51	140	19	1230	11
15	85308	80	47	139	24	1418	7
16	85309	82	50	139	19	1605	4
17	85310	82	41	119	18	1772	1
18	85311	80	36	138	13	1188	13
19	85312	81	48	140	20	980	25
20	85313	79	43	138	15	1084	18
21	85314	82	38	139	16	897	31
22	85315	81	44	141	13	667	37
23	85316	81	39	138	14	771	33
24	85317	81	41	139	19	271	43
25	85318	82	47	141	13	521	41
26	85319	79	42	138	17	1578	5
27	85320	81	40	139	16	1058	23
28	85321	86	42	139	20	751	35
29	85322	82	42	141	12	1188	13
30	85323	82	44	141	14	938	27
31	85324	83	39	141	20	1084	18
32	85325	82	46	138	25	1251	9
33	85326	81	45	139	13	1105	17
34	85327	85	39	140	14	1084	18
35	85328	89	45	139	24	1084	18
36	85329	87	41	139	14	1068	3
37	85330	85	42	139	13	917	29
38	85331	88	40	138	13	938	27
39	8436	81	43	140	24	1147	16
40	1956	84	42	138	16	1013	24
41	5003	86	43	140	28	949	26
42	11525	82	41	138	16	1192	12
43	Lo.ch	87	41	138	14	718	36

SE 1.0 3.0 1.0 1.0 1.0 230.0
Mean 81.0 43.0 139.0 17.0 1042.0
CV 2.0 10.0 1.0 7.0 31.0

Appendix 51. Characteristics of entries in ICBL-DN
at ICRISAT, Gwalior, 1985-86

Entry No.	ICCL./ ICC.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	84302	54	63	147	15	2324	13
2	84304	50	73	149	16	2652	1
3	84305	51	65	147	17	2345	10
4	84309	63	68	153	12	2262	19
5	84310	49	66	147	21	1763	38
6	84328	59	60	149	14	2090	26
7	84333	64	59	149	16	2038	28
8	85301	67	63	147	17	1664	41
9	85302	53	54	147	14	1919	34
10	85303	66	66	150	14	2522	3
11	85304	49	57	147	19	1544	43
12	85305	57	70	148	24	1888	36
13	85306	54	76	147	17	2194	22
14	85307	50	67	149	17	2460	6
15	85308	54	53	146	23	2439	8
16	85309	74	62	145	25	2366	9
17	85310	68	64	147	16	2007	29
18	85311	57	69	151	12	2272	16
19	85312	58	72	149	19	1711	40
20	85313	53	63	150	16	1966	32
21	85314	64	64	150	11	2142	23
22	85315	73	56	153	10	2319	14
23	85316	64	68	148	13	2220	21
24	85317	70	75	150	16	1758	39
25	85318	65	70	149	13	2652	1
26	85319	66	75	152	16	2444	7
27	85320	64	58	155	14	1877	37
28	85321	68	62	147	16	1940	33
29	85322	72	60	150	11	2101	24
30	85323	71	66	147	14	1981	31
31	85324	68	76	152	20	2257	20
32	85325	66	67	151	22	2272	16
33	85326	57	68	155	19	2080	27
34	85327	70	61	147	13	1622	42
35	85328	60	58	153	25	2496	5
36	85329	65	75	148	13	2512	4
37	85330	60	66	149	13	2007	29
38	85331	69	63	153	12	2330	11
39	8436	65	71	154	14	1914	35
40	1956	67	61	149	28	2278	15
41	5003	66	71	149	29	2092	25
42	11525	63	69	149	15	2326	12
43	Lo.ch	65	67	149	14	2263	18
	SE	4.0	6.0	3.0	1.0	162.0	
	Mean	62.0	66.0	149.0	17.0	2147.0	
	CV	9.0	12.0	3.0	5.0	11.0	

Appendix 52. Characteristics of entries in ICSN-DN
at Gwalior, 1985-86

Entry No.	ICCL./ ICC.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	84302	93	48	143	12	2368	10
2	84304	90	40	150	13	2134	17
3	84305	73	31	143	11	2068	20
4	84309	91	45	151	11	2935	1
5	84310	96	39	154	12	1467	35
6	84328	88	40	150	12	2101	18
7	84333	87	40	149	13	2635	6
8	85301	93	46	153	14	1934	22
9	85302	73	46	142	11	1467	35
10	85303	90	46	149	7	2201	14
11	85304	75	51	137	11	1034	41
12	85305	63	34	146	14	967	42
13	85306	82	42	142	13	2335	12
14	85307	87	40	147	7	1398	43
15	85308	90	42	150	15	1734	27
16	85309	107	50	159	13	2535	7
17	85310	100	38	154	14	1501	34
18	85311	81	46	142	10	1834	25
19	85312	83	46	141	16	2034	21
20	85313	88	47	147	11	2201	14
21	85314	102	47	156	11	1934	22
22	85315	105	41	161	9	1601	32
23	85316	97	38	146	13	1734	27
24	85317	99	49	156	13	1267	38
25	85318	83	41	146	11	1401	37
26	85319	94	42	160	11	2701	5
27	85320	98	42	156	11	1668	31
28	85321	99	53	155	13	2735	3
29	85322	80	41	145	9	1101	40
30	85323	98	46	156	13	2101	18
31	85324	101	47	158	8	2168	16
32	85325	103	45	157	12	1801	26
33	85326	100	50	157	16	1734	27
34	85327	99	45	155	13	2368	10
35	85328	98	50	161	13	2234	13
36	85329	51	39	157	14	2735	3
37	85330	103	40	157	11	1901	24
38	85331	107	46	158	11	2535	7
39	8436	101	37	155	8	1734	27
40	1956	104	41	155	19	2468	9
41	5003	90	46	156	18	1567	33
42	11525	98	42	155	12	2801	2
43	Lo.ch	86	39	147	11	1888	39
	SE	4.8	5.7	2.3	2.0	528.0	
	Mean	92.6	43.0	151.5	12.0	1978.0	
	CV	7.4	18.8	2.1	23.1	37.0	

Appendix 53. Characteristics of entries in ICGM-DW
at Pantnagar, 1985-86

Entry No.	ICCL. / ICC.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	84302	77	47	138	16	1005	6
2	84304	83	46	143	13	775	18
3	84305	80	41	140	17	533	34
4	84309	80	47	140	16	1005	6
5	84310	88	46	148	16	741	21
6	84328	83	52	143	22	877	11
7	84333	71	45	132	16	764	19
8	85301	85	46	144	18	455	39
9	85302	89	44	149	16	280	43
10	85303	80	53	139	24	433	40
11	85304	86	47	146	25	382	41
12	85305	77	43	137	20	644	28
13	85306	82	51	142	20	892	10
14	85307	86	38	143	24	554	32
15	85308	90	47	149	25	487	37
16	85309	84	34	141	20	785	16
17	85310	85	45	145	14	614	29
18	85311	83	47	143	23	836	13
19	85312	77	47	137	17	817	15
20	85313	83	43	143	14	684	22
21	85314	89	45	149	13	1205	3
22	85315	81	38	141	14	1279	2
23	85316	86	46	146	18	751	20
24	85317	83	47	143	14	784	17
25	85318	82	45	142	19	663	25
26	85319	82	45	141	15	667	23
27	85320	84	45	144	21	955	8
28	85321	85	44	145	13	1146	4
29	85322	88	44	143	17	523	35
30	85323	86	37	145	21	660	26
31	85324	86	50	149	27	665	24
32	85325	86	59	146	20	356	42
33	85326	77	53	137	16	1458	1
34	85327	84	51	144	16	898	9
35	85328	83	53	143	16	537	33
36	85329	85	50	145	20	655	27
37	85330	88	49	148	15	498	36
38	85331	86	47	161	31	482	38
39	8436	88	49	148	21	828	14
40	1956	78	49	138	16	1081	5
41	5003	90	48	148	28	565	31
42	11525	82	42	142	16	837	12
43	Lo.ch	92	44	143	14	608	30
	SE	4.0	3.0	5.0	2.0	252.0	
	Mean	84.0	46.0	143.0	19.0	736.0	
	CV	6.0	10.0	5.0	16.0	48.0	

**Appendix 54. Characteristics of entries in ICGR-DM
at Sriniketan, 1985-86**

Entry No.	ICCL. / ICC.No.	Days to 50% flw vering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	84302	70	47	118	16	1516	30
2	84304	73	42	120	15	1285	40
3	84305	77	43	121	16	1227	42
4	84309	79	49	120	13	1585	27
5	84310	71	44	119	20	1740	22
6	84328	71	42	120	15	1423	36
7	84333	66	46	119	18	1392	37
8	85301	71	56	120	20	1774	20
9	85302	71	47	120	16	1544	28
10	85303	94	51	122	13	1356	39
11	85304	83	47	124	20	2267	6
12	85305	84	47	125	20	1167	43
13	85306	73	48	123	19	2019	12
14	85307	76	53	123	18	1885	16
15	85308	76	51	124	24	2188	8
16	85309	95	52	122	22	1438	34
17	85310	79	54	122	17	1676	24
18	85311	80	48	125	12	4533	29
19	85312	78	58	123	20	1603	26
20	85313	80	49	122	15	1736	23
21	85314	75	49	118	12	1760	21
22	85315	76	52	121	12	1851	18
23	85316	72	47	119	14	2112	9
24	85317	72	55	121	18	1846	19
25	85318	73	54	119	13	2539	4
26	85319	77	52	118	16	2632	3
27	85320	77	53	122	14	2075	10
28	85321	74	54	119	19	1994	13
29	85322	75	48	120	12	2401	5
30	85323	73	52	121	14	1857	17
31	85324	77	46	126	21	1437	35
32	85325	80	52	125	24	1970	14
33	85326	84	53	122	21	1499	32
34	85327	81	55	123	16	2213	7
35	85328	80	57	126	22	2065	11
36	85329	80	49	124	13	1234	41
37	85330	81	50	125	12	1652	25
38	85331	86	51	124	13	1370	38
39	8436	84	49	124	14	3258	1
40	1956	85	50	122	30	2706	2
41	5003	79	50	123	30	1511	31
42	11525	77	48	123	15	1908	15
43	Lo.ch	77	52	121	13	1493	33
SE		3.0	3.0	1.0	1.0	484.0	
Mean		78.0	50.0	122.0	17.0	1808.0	
CV		6.0	8.0	2.0	4.0	38.0	

Appendix 35. Characteristics of entries in ICSW-DL
at Parvanipur, 1968-69

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Seed yield (kg/ha)	Rank
1	84412	89	34	133	634	17
2	84431	89	44	133	703	9
3	84438	88	37	132	809	10
4	84452	88	46	133	407	41
5	84459	88	46	131	751	8
6	85400	88	41	132	801	21
7	85431	90	40	132	407	40
8	85401	88	38	131	706	11
9	85402	89	41	133	586	25
10	85403	89	40	132	863	24
11	85404	93	43	131	916	20
12	85405	82	41	129	704	11
13	85406	83	41	129	712	10
14	85407	84	37	131	264	42
15	11666	88	38	131	642	16
16	85408	90	35	131	243	43
17	85409	83	37	129	484	34
18	85410	88	47	131	579	23
19	85411	92	44	131	669	15
20	85412	88	36	130	601	13
21	85413	88	33	133	704	11
22	85414	88	31	131	552	24
23	85415	87	39	131	164	45
24	85416	88	33	129	45	47
25	85417	88	36	132	444	36
26	85418	88	6	130	430	39
27	85419	89	36	131	207	46
28	85420	86	43	133	829	3
29	85421	81	49	133	552	26
30	85422	88	37	132	675	14
31	85423	88	34	131	616	18
32	85424	88	35	132	227	44
33	85425	72	4	133	819	2
34	85426	87	47	134	476	33
35	85427	88	3	130	796	4
36	85428	88	34	134	438	37
37	85429	87	37	130	710	9
38	85430	88	40	131	410	20
39	85431	88	39	131	624	18
40	85432	88	42	132	759	7
41	85433	90	42	131	579	21
42	85434	88	35	131	610	15
43	85435	89	39	131	524	28
44	85436	90	31	131	563	24
45	85437	90	38	132	767	6
46	85438	88	46	131	595	21
47	85439	87	30	132	493	34
48	85440	89	36	131	548	27
49	85441	88	34	132	1205	1
50	85442	89	38	132	496	32
51	4948	88	37	132	589	22
52	4954	87	36	131	448	35
53	Lo ch	82	37	131	434	38
SS		5.2	3.6	1	140.5	
Mean		86.2	38.0	131.2	565.7	
CV		0.6	13.5	1.4	47.1	

Appendix 96. Characteristics of entries in
ICM-96 at Dohli, 1989-91

Entry No	ICM No	ICL. No	Days to maturity	Days to harvest	Days to seed yield	kg/ha	Days
1	04412	01	146	146	146	595	27
2	04431	05	147	147	147	714	24
3	04430	06	151	151	151	2261	1
4	04452	04	147	147	147	1071	10
5	04450	02	147	147	147	893	21
6	03400	07	151	151	151	1220	7
7	03451	02	146	146	146	952	15
8	03401	03	147	147	147	904	10
9	03402	00	144	144	144	714	24
10	03403	02	149	149	149	714	24
11	03404	02	146	146	146	1071	10
12	03405	04	147	147	147	1785	3
13	03406	02	146	146	146	1142	8
14	03407	01	143	143	143	904	20
15	11464	07	150	150	150	853	21
16	03408	07	151	151	151	845	20
17	03409	02	146	146	146	204	22
18	03410	07	151	151	151	2023	2
19	03411	07	149	149	149	1644	4
20	03412	02	145	145	145	714	24
21	03413	06	149	149	149	1309	4
22	03414	04	146	146	146	904	17
23	03415	02	146	146	146	794	24
24	03416	04	149	149	149	646	26
25	03417	02	145	145	145	904	17
26	03418	03	147	147	147	1071	10
27	03419	03	148	148	148	976	14
28	03420	04	148	148	148	1309	4
29	03421	02	145	145	145	495	27
30	03422	02	146	146	146	1113	21
31	03423	08	147	147	147	1071	10
32	03424	02	148	148	148	928	16
33	03425	02	145	145	145	1071	10
34	03426	03	147	147	147	1023	11
35	03427	05	148	148	148	952	15
36	03428	04	148	148	148	1023	12
37	03429	06	149	149	149	952	15
38	03430	02	148	148	148	762	23
39	03431	04	147	147	147	904	16
40	03432	79	144	144	144	309	31
41	03433	09	149	149	149	952	15
42	03434	06	147	147	147	785	22
43	03435	06	150	150	150	1091	9
44	03436	06	149	149	149	111	28
45	03437	06	150	150	150	54	29
46	03438	07	149	149	149	1071	10
47	03439	05	148	148	148	1071	10
48	03440	04	149	149	149	1420	9
49	03441	02	145	145	145	571	18
50	03442	03	146	146	146	952	15
51	4948	02	147	147	147	900	19
52	4954	02	146	146	146	690	25
53	Lo Ch	04	149	149	149	981	11
SE	1.0	1.0	332.7				
Mean	0.3	147.0	947.2				
CV	3.0	1.7	49.2				

Appendix 37 Characteristics of entries
in ICB-02 at M100r, 1988-89

Entry No	ICCB / days to weight	seed yield
No	ICCB No	% of 100
varying seeds kg/ha Bank		
g)		
1	04012	94
2	04031	54
3	04030	64
4	04032	17
5	04039	94
6	04000	96
7	04051	80
8	04001	70
9	05002	90
10	05003	89
11	05004	84
12	05005	84
13	05006	81
14	05007	84
15	11666	93
16	05008	80
17	05009	74
18	04010	96
19	04011	93
20	05012	89
21	05013	87
22	05014	88
23	05015	87
24	05016	81
25	04017	84
26	05018	83
27	05019	81
28	05020	85
29	04021	82
30	05022	78
31	05023	80
32	05024	80
33	05025	93
34	05026	91
35	05027	93
36	05028	91
37	05029	92
38	05030	74
39	05031	92
40	05032	89
41	05033	89
42	05034	91
43	05035	93
44	05036	94
45	05037	91
46	05038	88
47	05039	74
48	05040	91
49	05041	84
50	05042	87
51	05043	88
52	05044	88
53	Lo Ch	84
SE	2.6	0.5
Mean	86.6	13.7
CV	4.3	5.2

286.4
3003.2
13.5

Appendix 50 Characteristics of entries in ICSP-DL
at Berlin, 1985-86

Entry ICCL./ No. ICC.No	Days to plant	Days to height	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Seed index	
1	05412	119	72	192	11	219.	19
2	05431	119	74	190	12	250.1	26
3	05430	113	74	188	22	110.2	11
4	05492	110	72	190	17	200.1	26
5	05459	122	77	189	11	116.0	10
6	05400	124	69	191	12	229.1	23
7	05491	122	74	192	12	99.9	2
8	05401	110	73	188	11	919.9	7
9	05402	110	73	188	12	200.1	10
10	05403	120	74	189	11	910.2	11
11	05404	117	73	190	11	939.9	4
12	05405	119	67	192	12	470.2	1
13	05406	117	70	190	12	150.2	11
14	05407	117	70	191	9	209.9	3
15	11664	120	71	191	11	116.0	10
16	05408	110	70	192	10	211.0	30
17	05409	114	62	190	10	216.0	34
18	05410	132	79	191	7	213.4	39
19	05411	132	74	194	14	939.2	6
20	05412	121	77	192	4	123.4	42
21	05413	110	69	192	13	290.1	19
22	05414	119	97	192	12	110.2	11
23	05415	120	98	191	11	290.1	26
24	05416	119	69	194	12	306.0	12
25	05417	120	68	191	11	293.9	14
26	05418	119	73	192	13	196.0	38
27	05419	119	63	190	10	150.1	26
28	05420	121	77	191	14	140.2	5
29	05421	120	74	191	17	296.0	13
30	05422	118	69	190	11	289.9	17
31	05423	118	64	187	10	146.0	27
32	05424	119	77	188	11	260.1	24
33	05425	120	74	192	11	243.9	22
34	05426	120	75	191	12	124.0	31
35	05427	120	72	188	11	273.9	20
36	05428	125	61	189	12	110.1	43
37	05429	120	68	190	12	263.4	22
38	05430	119	60	192	15	286.0	31
39	05431	121	16	192	13	173.4	40
40	05432	120	78	191	10	246.0	21
41	05433	121	67	191	12	253.9	25
42	05434	121	64	188	11	263.9	23
43	05435	124	60	188	12	146.0	41
44	05436	121	64	186	11	246.0	20
45	05437	119	64	187	9	324.0	9
46	05438	118	67	188	13	190.4	17
47	05439	116	67	187	16	227.4	32
48	05440	124	64	187	10	186.0	39
49	05441	118	69	183	14	206.0	36
50	05442	118	65	187	11	200.1	10
51	49448	120	71	191	12	249.0	29
52	4954	119	68	189	11	204.1	14
53	Lo - h	118	74	188	10	308	4

SE 1.4 1.1 1.9 0.6 511.6
Mean 120.2 68.4 109.7 12.1 2686.0
CV 4.0 9.6 1.4 6.4 26.9

Appendix 39. Characteristics of entries in ICSM-BL
at Quilier, 1983-86

Entry No	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	04012	91	62	153	13	1914	40
2	04031	88	64	153	13	1893	42
3	04030	95	69	155	27	2760	1
4	04032	97	66	154	14	2402	12
5	04039	92	66	154	12	1895	46
6	03000	90	74	157	15	2193	28
7	03031	92	64	156	13	2184	29
8	05401	92	64	153	12	2008	33
9	05402	92	65	153	14	2494	8
10	05403	95	70	157	12	1466	48
11	05404	94	66	156	12	2270	18
12	05405	95	61	162	11	1966	38
13	05406	95	65	155	13	1900	41
14	05407	95	70	161	11	2309	17
15	11666	90	59	154	13	2106	32
16	05408	96	66	156	13	2413	11
17	05409	93	68	160	13	2486	5
18	05410	94	69	157	18	2020	39
19	05411	94	74	162	18	2241	20
20	05412	93	68	157	15	2270	18
21	05413	95	66	149	13	2390	14
22	05414	97	66	147	11	2480	6
23	05415	96	62	159	22	2631	2
24	05416	96	60	191	11	2209	23
25	05417	95	57	148	12	2504	3
26	05418	93	60	147	11	2449	9
27	05419	97	60	150	12	2106	32
28	05420	94	64	146	16	2460	7
29	05421	95	63	154	11	2340	15
30	05422	98	69	154	13	2226	22
31	05423	94	66	161	10	1966	38
32	05424	91	69	158	23	1825	44
33	05425	91	64	155	13	2496	4
34	05426	91	69	163	23	1622	47
35	05427	96	69	163	12	2194	24
36	05428	93	70	158	13	2423	10
37	05429	94	64	162	23	1888	43
38	05430	91	64	162	15	1747	45
39	05431	97	62	161	14	2371	13
40	05432	91	64	164	19	2262	19
41	05433	94	65	162	12	2122	30
42	05434	98	70	162	11	1914	40
43	05435	97	65	155	13	1981	37
44	05436	90	66	162	11	1924	39
45	05437	88	64	156	12	2007	36
46	05438	94	64	156	14	2340	15
47	05439	94	64	161	17	2314	16
48	05440	89	71	161	12	2158	27
49	05441	95	66	163	14	2080	34
50	05442	98	66	163	12	2231	21
51	4948	92	67	158	12	2177	26
52	4954	98	67	155	11	2140	29
53	Lo. ch	93	63	155	13	2120	31
SE		2.4	3.1	3.9	0.6	222.6	
Mean		93.5	65.5	156.5	13.1	2172.4	
CV		3.7	4.8	3.5	4.4	14.5	

Appendix 60. Characteristics of entries
in ICGM-01 at New Delhi, 1985-86

Entry ICCL/ weight Seed yield

No. ICC.No of 100 seeds kg/ha Rank

(91)

1	04412	11	1999	29
2	04421	12	2249	14
3	04430	26	3169	1
4	04482	16	2779	4
5	04489	12	2671	22
6	02400	14	2059	24
7	03491	14	2071	22
8	03401	12	2404	9
9	03402	18	2440	8
10	03403	12	2025	26
11	03404	12	1964	22
12	03405	12	2025	26
13	03406	11	2547	6
14	03407	12	2202	17
15	11666	12	1992	22
16	03408	12	1907	31
17	03409	15	2221	11
18	03410	17	1642	43
19	03411	17	2121	11
20	03412	15	1845	25
21	03413	19	2440	8
22	03414	12	2212	16
23	03415	14	2725	5
24	03416	17	2261	12
25	03417	14	2008	3
26	03418	12	1666	42
27	03419	12	2120	20
28	03420	16	2011	27
29	03421	12	2487	7
30	03422	16	1678	41
31	03423	12	2808	3
32	03424	16	1947	45
33	03425	15	1809	36
34	03426	12	1904	34
35	03427	12	2844	2
36	03428	12	1250	46
37	03429	14	1999	28
38	03430	17	1727	39
39	03431	14	2059	24
40	03432	12	2297	12
41	03433	18	1987	30
42	03434	12	1771	37
43	03435	14	2001	22
44	03436	12	2225	15
45	03437	14	1995	44
46	03438	14	2368	10
47	03439	19	1678	41
48	03440	12	1714	40
49	03441	17	1761	38
50	03442	12	2166	18
51	49948	12	2094	21
52	4094	12	2052	25
53	Lo h	12	2117	19

SE 0.2 322 h
Mean 14.2 2120 h
CV 2.3 21.5

Appendix 61. Characteristics of entries
in ICSM-OL at Paridhot, 1983-86

Entry ICC. / Weight Seed yield
No. ICC.No of 100 -----
 seeds kg/ha Rank
(g)

1	04412	13	1918	41
2	04431	14	1921	40
3	04438	14	1878	18
4	04452	14	2413	1
5	04499	14	1979	37
6	03400	14	1701	29
7	03491	14	1878	18
8	09401	12	1934	14
9	09402	13	1839	33
10	09403	13	1399	49
11	09404	12	1799	26
12	09405	11	2050	8
13	09406	14	1900	36
14	09407	11	2110	9
15	11466	13	1918	41
16	09408	12	1639	34
17	09409	12	1819	24
18	09410	17	1886	15
19	09411	17	1944	13
20	09412	19	1443	31
21	09413	13	1877	19
22	09414	12	2050	8
23	09415	13	1877	19
24	09416	12	1874	21
25	09417	12	2171	7
26	09418	13	1875	20
27	09419	11	1974	39
28	09420	14	2109	6
29	09421	12	1993	11
30	09422	13	1879	20
31	09423	12	1874	21
32	09424	14	1461	42
33	09425	13	1879	20
34	09426	12	1977	38
35	09427	12	1992	12
36	09428	12	2112	4
37	09429	13	1994	10
38	09430	14	2003	9
39	09431	13	2115	3
40	09432	11	1633	35
41	09433	19	1741	25
42	09434	13	2054	7
43	09435	13	1440	32
44	09436	12	1695	30
45	09437	11	1793	28
46	09438	13	1459	43
47	09439	14	1884	16
48	09440	13	1458	44
49	09441	15	1880	17
50	09442	13	1875	20
51	4948	12	1862	22
52	4954	12	1755	27
53	Lo.ch	12	1862	23
SE	0.5	120.5		
Mean	13.0	1816.0		
CV	5.1	9.4		

Appendix 17. Characteristics of entries
in ICRB-DE at Arlingtonauger, 1998-06

Entry No.	ICR. No.	Days to seed yield	kg/ha	Rank
1	04412	157	4001	10
2	04431	156	5108	10
3	04430	157	4587	19
4	04492	156	5461	5
5	04499	156	2721	29
6	02408	156	4170	26
7	02451	156	5004	11
8	00401	156	4191	29
9	05402	156	2909	31
10	09402	156	4402	22
11	00404	156	5421	6
12	05405	156	2961	30
13	09406	156	4796	17
14	09407	156	4110	27
15	11666	156	4952	12
16	05408	157	4014	28
17	09409	156	6090	2
18	09410	156	4907	19
19	09411	156	4900	15
20	09412	156	3986	35
21	09413	156	4170	26
22	09414	156	4691	18
23	09415	156	2649	34
24	09416	156	5108	10
25	09417	156	4441	23
26	09418	156	2099	32
27	05419	156	2565	36
28	09420	156	5682	4
29	05421	156	4900	15
30	09422	156	4525	20
31	09423	156	5421	6
32	09424	156	5734	3
33	09425	156	5213	9
34	09426	156	4483	22
35	05427	156	6432	1
36	09428	156	4827	16
37	05429	156	4691	18
38	09430	156	4587	19
39	09431	156	5254	7
40	05432	156	4796	17
41	09433	156	5233	8
42	09434	156	2815	38
43	09435	156	4921	13
44	09436	156	4110	27
45	09437	156	6099	2
46	05438	156	4002	29
47	05439	156	4170	26
48	05440	156	2544	37
49	09441	157	2961	30
50	09442	156	3781	33
51	4948	156	4214	24
52	4954	156	4518	21
53	Lo. Ch	156	4921	14

SD 0.3 010.9
Mean 155.9 4580.2
CV 0.3 25.2

Appendix 63. Characteristics of entries in
ICAD-DE at Palisade, 1989-96

Entry Sect./ Days to Plant Days to Seed Yield

No. ICC No 501 710 Height Date -----
wring (cm) ricy ricy kg/ha bush

1	00412	07	27	129	204	33
2	00411	02	24	120	534	10
3	00410	02	29	126	500	5
4	00452	00	10	130	702	2
5	00450	00	26	127	946	9
6	03400	00	29	127	460	16
7	03451	00	26	129	414	10
8	03401	07	28	127	510	12
9	03402	00	22	120	462	17
10	03403	09	22	126	300	20
11	03404	00	24	120	190	31
12	03405	02	24	127	94	46
13	03406	00	24	129	60	47
14	05407	00	24	120	564	6
15	11666	01	22	120	116	44
16	03400	00	20	126	360	27
17	03409	09	19	130	144	42
18	03410	06	29	129	700	1
19	03411	00	29	129	120	43
20	03412	03	24	120	412	22
21	03413	02	20	127	190	39
22	03414	02	16	126	44	48
23	03415	05	22	120	300	29
24	03416	04	20	127	192	38
25	03417	04	20	120	470	15
26	03418	08	22	127	201	30
27	03419	09	21	120	162	45
28	03420	00	17	127	162	40
29	03421	00	29	126	410	22
30	03422	09	21	126	292	34
31	03423	01	33	127	370	26
32	03424	09	21	120	612	4
33	03425	07	30	129	204	37
34	03426	03	29	126	24	49
35	03427	09	20	130	444	20
36	03428	01	23	120	360	28
37	03429	01	29	127	486	14
38	03430	02	23	120	224	29
39	03431	02	29	129	450	10
40	03432	00	24	127	520	11
41	03433	09	27	129	720	2
42	03434	03	17	122	592	8
43	03435	03	29	129	612	4
44	03436	09	29	129	270	32
45	03437	03	22	126	276	31
46	03438	09	20	126	192	30
47	03439	01	21	130	240	19
48	03440	01	22	124	324	29
49	03441	00	24	120	234	36
50	03442	01	27	124	420	21
51	03443	02	21	129	409	24
52	03444	01	23	124	564	7
53	Lo. Ch	02	21	127	500	11

SE 1.0 2.4 1.6 293.7
Mean 90.6 23.9 126.7 169.8
CV 2.8 4.3 1.8 98.1

64. Characteristics of entries in
ICSP-5L at Jhansi, 1969-66

Entry No.	ICCL./ ICC.No	Days to Plant		Days to seed yield	No. of plants	Plant height (cm)	No. of seeds	Seed weight (g)	Seed yield (kg/ha)	No. of plants
		to 50% flowering	to 50% seed yield							
1	34412	91	47	129	1309	16				
2	34431	88	46	125	1369	15				
3	34438	79	52	122	1785	5				
4	34452	91	45	127	1607	8				
5	34459	90	46	128	1785	5				
6	34488	90	50	130	1190	17				
7	34491	92	46	126	1726	6				
8	34491	84	50	124	1190	17				
9	34492	85	52	126	1426	12				
10	34493	90	47	127	1628	12				
11	34494	83	54	122	1426	12				
12	34495	91	50	129	1547	9				
13	34496	85	46	126	476	21				
14	34497	84	51	124	1190	17				
15	11656	91	47	130	1131	18				
16	34498	87	52	124	1071	19				
17	34499	83	44	129	1309	16				
18	34410	91	47	129	1190	17				
19	34411	92	50	130	1300	14				
20	34412	88	45	130	1547	9				
21	34413	88	45	127	1071	19				
22	34414	85	47	126	2003	2				
23	34415	86	48	126	1785	5				
24	34416	88	46	126	1190	17				
25	34417	88	44	127	1785	5				
26	34418	88	46	128	1666	7				
27	34419	86	44	127	1300	14				
28	34420	87	49	126	1309	16				
29	34421	84	49	124	2261	1				
30	34422	82	49	123	1904	3				
31	34423	88	46	126	1071	19				
32	34424	88	47	128	833	20				
33	34425	89	46	127	1071	19				
34	34426	87	50	128	1309	16				
35	34427	91	49	130	1547	9				
36	34428	92	50	130	1309	16				
37	34429	89	47	130	1547	9				
38	34430	86	51	130	1499	10				
39	34431	91	47	130	1547	9				
40	34432	86	54	127	1666	7				
41	34433	88	49	126	1428	12				
42	34434	86	47	127	1428	12				
43	34435	87	47	125	1131	18				
44	34436	88	48	127	1666	7				
45	34437	90	49	127	1428	12				
46	34438	88	48	128	1488	11				
47	34439	79	52	126	1190	17				
48	34440	86	50	128	1369	15				
49	34441	82	50	125	1666	7				
50	34442	86	45	127	1071	19				
51	4040	88	48	127	1404	13				
52	4034	88	49	126	1309	16				
53	Lo.ch	89	47	129	1856	4				
88		1.6	2.6	1.7	211.6					
Mean		87.1	48.0	126.8	1421.7					
CV		2.9	7.0	1.9	21.1					

Appendix 65. Characteristics of entries in ICCT-DS at Nymensingh, 1985-86

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	4918	80	58	137	19	456	16
2	5003	82	57	140	29	1632	1
3	11141	71	56	134	14	1254	3
4	83227	74	53	135	17	1155	7
5	83135	73	54	133	16	1227	4
6	82115	78	52	138	16	1120	9
7	81215	76	61	138	16	999	12
8	82108	75	56	132	13	936	13
9	82230	75	62	135	15	831	14
10	83224	76	58	137	14	1050	11
11	84215	75	67	135	19	811	15
12	84217	77	55	136	13	1313	2
13	84219	81	56	141	14	1130	8
14	84224	81	54	139	20	1171	6
15	84225	78	53	138	18	1176	5
16	Lo. ch	79	38	128	7	1093	10
SE		1.5	2.8	1.2	0.6	129.9	
Mean		76.9	55.6	136.0	16.4	1084.7	
CV		3.4	8.7	1.5	6.7	20.7	

Appendix 66. Characteristics of entries in ICCT-DS at Parvanipur, 1985-86

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Seed yield kg/ha	Rank
1	4918	73	40	120	741	6
2	5003	79	29	123	416	14
3	11141	78	35	121	435	13
4	83227	75	38	121	586	11
5	83135	71	39	120	795	5
6	82115	71	40	121	741	7
7	81215	71	42	121	815	4
8	82108	74	38	120	845	1
9	82230	70	43	120	816	3
10	83224	78	32	122	172	16
11	84215	74	43	120	612	9
12	84217	72	38	121	335	15
13	84219	85	29	119	617	8
14	84224	71	36	122	592	10
15	84225	71	38	121	513	12
16	Lo. ch	78	37	118	831	2
SE		2.5	2.7	1.0	103.8	
Mean		74.4	37.2	120.8	616.4	
CV		6.8	14.5	1.7	33.7	

Appendix 67. Characteristics of entries in ICCT-DS at Patancheru, 1985-86

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	4918	43	25	91	19	1416	8
2	5003	60	32	101	32	586	16
3	11141	41	26	89	15	1440	6
4	83227	48	28	93	19	1440	6
5	83135	48	29	93	21	1339	9
6	82115	53	34	98	19	1154	12
7	81215	49	32	90	17	1291	10
8	82108	50	33	95	18	1077	14
9	82230	42	28	91	19	1767	1
10	83224	41	29	91	17	1523	3
11	84215	53	35	97	24	1166	11
12	84217	53	29	93	16	1095	13
13	84219	47	28	90	18	1517	4
14	84224	55	33	105	19	827	15
15	84225	51	32	96	19	1488	5
16	Lo.ch	46	28	91	18	1666	2
SE		0.8	1.0	1.6	0.3	119.1	
Mean		48.5	30.0	94.0	19.4	1299.5	
CV		3.3	6.4	3.4	3.1	18.3	

Appendix 68. Characteristics of entries in ICCT-DS at Gulbarga 1985-86

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Days to maturity	Seed yield kg/ha	Rank
1	4918	44	91	659	5
2	5003	57	108	274	14
3	11141	42	91	936	1
4	83227	48	93	718	4
5	83135	47	94	575	8
6	82115	58	103	534	11
7	81215	48	100	354	12
8	82108	39	92	558	10
9	82230	42	92	721	3
10	83224	39	100	655	6
11	84215	57	101	562	9
12	84217	58	100	534	11
13	84219	46	93	735	2
14	84224	59	102	319	13
15	84225	42	101	139	15
16	Lo.ch	44	94	617	7
SE		0.4	0.4	159.3	
Mean		48.1	97.2	555.5	
CV		1.5	0.7	49.7	

**Appendix 69. Characteristics of entries in ICCT-DS at
Badnagar, 1985-86**

Entry No.	ICCL./ ICC. No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	4918	34	28	96	18	616	10
2	5003	35	34	99	24	547	15
3	11141	46	28	101	16	604	11
4	83227	42	29	98	19	545	16
5	83135	48	31	98	17	642	9
6	82115	48	33	99	19	577	13
7	81215	48	35	100	16	803	5
8	82108	41	32	96	16	854	2
9	82230	34	30	96	19	898	1
10	83224	48	28	96	14	787	6
11	84215	46	37	98	21	655	8
12	84217	41	30	97	15	681	7
13	84219	46	28	99	17	845	3
14	84224	41	29	99	18	555	14
15	84225	55	29	101	21	595	12
16	Lo.ch	41	26	97	15	833	4
SE		0.6	0.9	0.5	0.7	71.0	
Mean		43.4	30.4	98.0	17.8	689.7	
CV		2.7	5.9	1.1	8.4	20.6	

**Appendix 70. Characteristics of entries in ICCT-DS at
Rahuri, 1985-86**

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	4918	53	30	112	23	1648	9
2	5003	54	35	114	32	1731	6
3	11141	53	33	107	17	1764	3
4	83227	53	32	103	21	1589	11
5	83135	52	31	105	20	1999	1
6	82115	54	28	102	20	1053	16
7	81215	54	36	102	17	1309	15
8	82108	54	35	107	17	1383	14
9	82230	51	32	108	18	1398	13
10	83224	53	34	104	14	1758	4
11	84215	53	33	102	15	1746	5
12	84217	54	32	107	17	1702	8
13	84219	54	36	109	17	1470	12
14	84224	56	33	111	15	1809	2
15	84225	55	36	111	24	1708	7
16	Lo.ch	52	30	109	23	1630	10
SE		1.0	2.2	2.3	0.1	59.4	
Mean		53.2	32.8	107.0	19.3	1606.1	
CV		3.7	13.6	4.3	1.2	7.4	

Appendix 71. Characteristics of entries in ICCT-DS at
Keonjhar, 1985-86

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of seeds (g)	Seed yield kg/ha	Rank
1	4918	59	38	103	14	1490	14
2	5003	66	45	102	22	1596	12
3	11141	58	40	99	10	2163	3
4	83227	59	37	99	14	1938	6
5	83135	59	42	100	14	1885	8
6	82115	61	41	99	13	1555	13
7	81215	60	45	98	12	2062	5
8	82108	53	36	99	11	2234	1
9	82230	59	45	100	14	2098	4
10	83224	57	43	100	9	2189	2
11	84215	56	45	99	16	1849	9
12	84217	59	43	100	8	1834	10
13	84219	64	38	100	11	1424	15
14	84224	64	38	100	13	1768	11
15	84225	62	38	100	17	1890	7
16	Lo.ch	68	38	101	9	1241	16
SE		0.7	1.6	0.8	0.5	196.4	
Mean		60.3	40.6	100.0	12.9	1826.1	
CV		2.1	6.6	1.3	6.4	18.6	

Appendix 72. Characteristics of entries
in ICCT-DS at Coimbatore, 1985-86

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Days to maturity	Seed yield kg/ha
1	4918	41	84	1845
2	5003	48	88	1987
3	11141	42	83	1702
4	83227	51	85	1928
5	83135	50	87	1833
6	82115	42	82	1535
7	81215	50	83	1571
8	82108	42	85	1726
9	82230	43	84	1607
10	83224	41	83	1797
11	84215	48	88	1952
12	84217	42	86	1821
13	84219	50	82	1499
14	84224	42	84	1535
15	84225	42	84	1690
16	Lo.ch	41	84	1523
SE		0.4	0.6	140.6
Mean		44.5	84.4	1721.8
CV		1.7	1.4	16.3

Appendix 73. Characteristics of entries in ICCT-DN at Ishurdi, 1985-86

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	4918	62	58	118	22	2739	6
2	5003	64	56	117	31	2572	9
3	11525	61	59	119	14	2757	5
4	14302	59	62	115	15	2693	7
5	1818	65	63	118	12	2251	13
6	84303	60	56	118	14	2446	10
7	84311	62	66	122	24	1959	14
8	84325	59	52	117	15	2646	8
9	84327	64	65	122	20	1306	15
10	84328	63	53	117	13	2881	4
11	84334	61	64	120	20	2355	12
12	84336	63	55	118	21	2954	2
13	84337	65	56	119	17	2949	3
14	84341	62	68	120	23	1176	16
15	83228	62	51	117	17	3833	1
16	Lo.ch	63	43	118	10	2438	11
SE		1.2	2.6	0.9	0.7	348.9	
Mean		62.1	57.8	118.4	18.0	2497.0	
CV		3.9	9.0	1.5	7.4	27.9	

Appendix 74. Characteristics of entries in ICCT-DN at Patancheru, 1985-86

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	4918	40	26	95	20	1607	11
2	5003	61	34	108	32	976	15
3	11525	53	33	106	17	845	16
4	14302	48	30	94	17	1363	3
5	1818	68	37	114	14	625	10
6	84303	46	26	95	14	1339	7
7	84311	42	25	91	21	1595	9
8	84325	52	28	97	18	1131	6
9	84327	53	34	99	20	1190	14
10	84328	51	29	98	15	1404	8
11	84334	51	30	97	23	1357	1
12	84336	48	32	97	21	1309	4
13	84337	54	26	98	17	1131	5
14	84341	38	26	94	22	1862	12
15	83228	51	30	97	20	1511	2
16	Lo.ch	53	31	107	17	1023	13
SE		0.4	0.9	1.2	0.4	150.3	
Mean		50.4	29.7	99.0	19.2	1266.6	
CV		1.8	6.1	2.5	3.8	23.7	

**Appendix 75. Characteristics of entries in ICCT-DN at
Sabour, 1985-86**

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	4918	65	49	106	23	1303	9
2	5003	69	49	106	28	865	15
3	11525	70	53	106	16	1355	8
4	14302	64	50	105	15	1392	6
5	1818	71	53	108	13	892	14
6	84303	66	52	106	15	1423	4
7	84311	66	52	107	24	1444	3
8	84325	65	49	105	17	1397	5
9	84327	70	48	107	18	902	13
10	84328	66	48	107	15	1241	11
11	84334	67	53	107	21	1131	12
12	84336	67	53	106	21	1282	10
13	84337	69	47	106	18	1380	7
14	84341	66	52	107	23	1626	1
15	83228	65	53	106	16	1621	2
16	Lo.ch	70	50	106	14	808	16
	Mean	67.2	50.6	106.3	18.5	1253.9	
	CV	2.5	8.2	1.7	6.9	22.3	

**Appendix 76. Characteristics of entries in
ICCT-DN at Ambikapur, 1985-86**

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Seed yield kg/ha	Rank
1	4918	77	40	122	797	10
2	5003	78	43	122	1456	1
3	11525	78	42	120	1040	5
4	14302	75	40	121	985	7
5	1818	78	39	121	1040	5
6	84303	78	41	121	1109	4
7	84311	77	36	122	971	8
8	84325	76	42	122	1123	2
9	84327	78	40	120	867	9
10	84328	77	41	121	985	7
11	84334	76	46	120	1005	6
12	84336	78	43	121	985	7
13	84337	78	35	120	638	11
14	84341	78	41	122	541	12
15	83228	77	39	121	867	9
16	Lo.ch	76	40	118	1109	3
	SE	0.7	2.4	0.9	152.4	
	Mean	77.0	40.4	120.7	969.8	
	CV	1.8	11.6	1.5	31.4	

Appendix 77. Characteristics of entries in ICCT-DN at
Gwalior, 1985-86

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	4918	103	75	152	21	1637	14
2	5003	100	71	150	27	1894	12
3	11525	102	76	151	15	2599	2
4	14302	103	76	152	14	1915	11
5	1818	102	75	150	12	2059	9
6	84303	102	72	150	14	2281	5
7	84311	100	66	149	23	1837	13
8	84325	100	69	151	16	2191	6
9	84327	102	73	151	19	1932	10
10	84328	103	70	150	14	2382	4
11	84334	100	74	154	18	1506	16
12	84336	99	72	153	21	2158	8
13	84337	102	74	152	17	2476	3
14	84341	101	71	150	23	1513	15
15	83228	99	74	151	17	2945	1
16	Lo.ch	104	70	150	14	2163	7
SE		1.4	2.5	2.4	0.4	161.3	
Mean		101.3	72.5	150.9	17.7	2093.0	
CV		2.8	7.0	3.2	4.9	15.4	

Appendix 78. Characteristics of entries in ICCT-DN at
Keonjhar, 1985-86

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	4918	56	37	91	17	1603	1
2	5003	61	40	75	22	1307	8
3	11525	58	37	70	14	1362	6
4	14302	56	38	102	14	1390	4
5	1818	60	38	108	10	1112	11
6	84303	58	33	83	12	1427	3
7	84311	57	34	78	19	1311	7
8	84325	57	37	92	13	1390	4
9	84327	59	37	82	15	1098	12
10	84328	58	36	87	12	1182	9
11	84334	57	37	99	17	1376	5
12	84336	60	38	82	17	1098	12
13	84337	58	35	87	14	1121	10
14	84341	57	36	117	18	1492	2
15	83228	57	36	76	14	954	13
16	Lo.ch	62	34	120	12	1307	8
SE		0.4	1.2	9.6	0.4	120.3	
Mean		58.3	36.5	90.5	15.2	1283.1	
CV		1.3	5.8	18.3	4.8	16.2	

Appendix 79. Characteristics of entries in ICCT-DL at
ICRISAT, Hisar, 1985-86

Entry No.	ICCL./ ICC.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds	Seed yield kg/ha	Rank
1	4948	85	51	140	13	1731	16
2	10136	85	53	141	14	2238	13
3	14303	84	53	141	17	2141	14
4	13819	83	51	140	12	2127	15
5	83448	83	55	141	16	2836	5
6	84443	86	58	142	19	2358	11
7	84460	84	55	141	14	2761	7
8	85401	82	53	140	11	2979	3
9	85402	84	58	142	14	2340	12
10	85403	81	55	142	13	3002	2
11	85404	81	50	140	12	3026	1
12	85405	80	54	140	13	2521	9
13	85421	80	50	142	13	2771	6
14	85407	82	53	140	11	2734	8
15	1849	81	52	140	14	2919	4
16	Lo.ch	80	62	141	20	2456	10
SE		0.8	2.0	0.8	0.3	196.2	
Mean		82.7	53.9	140.8	14.2	2558.6	
CV		1.6	6.5	0.9	4.0	13.3	

Appendix 80. Characteristics of
entries in ICCT-DL at HAU, Hisar,
1985-86

Entry No.	ICCL./ ICC.No.	Weight of 100 seeds	Seed yield kg/ha	Rank
1	4948	11	646	12
2	10136	9	456	15
3	14303	12	880	4
4	13819	9	490	14
5	83448	11	1002	3
6	84443	15	824	6
7	84460	12	1069	2
8	85401	10	835	5
9	85402	14	802	7
10	85403	11	779	8
11	85404	12	612	13
12	85405	11	651	11
13	85421	9	735	10
14	85407	9	824	6
15	1849	10	1637	1
16	Lo.ch	20	757	9
SE		0.4	189.7	
Mean		11.6	812.4	
CV		6.0	40.5	

Appendix 81. Characteristics of entries in ICCT-DL at
Berthin, 1985-86

Entry No.	ICCL. ICC.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds	Seed yield kg/ha	Rank
1	4948	113	74	193	13	2196	9
2	10136	113	66	195	13	2641	4
3	14303	112	78	194	16	2076	14
4	13819	113	73	193	11	2836	3
5	83448	113	82	192	13	2104	12
6	84443	114	76	195	17	2539	6
7	84460	118	75	195	13	2910	2
8	85401	112	77	193	12	2474	7
9	85402	112	66	194	13	1872	16
10	85403	114	72	192	12	3271	1
11	85404	112	72	192	10	2595	5
12	85405	112	74	192	11	2094	13
13	85421	112	64	191	13	1927	15
14	85407	113	77	191	11	2131	11
15	1849	117	77	194	13	2178	10
16	Lo.ch	112	71	193	12	2465	8
SE		0.6	2.2	0.6	0.4	318.9	
Mean		113.4	73.4	193.1	12.7	2394.3	
CV		1.0	5.2	0.6	4.9	23.1	

Appendix 82. Characteristics of entries in ICCT-DL at
Gwalior, 1985-86

Entry No.	ICCL. ICC.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds	Seed yield kg/ha	Rank
1	4948	100	64	149	12	1969	7
2	10136	99	67	147	11	2194	1
3	14303	103	64	150	16	1854	12
4	13819	104	68	151	11	2113	2
5	83448	105	67	149	13	1612	14
6	84443	101	67	150	16	1305	15
7	84460	101	68	151	15	1873	10
8	85401	102	68	150	10	1758	13
9	85402	102	65	151	13	1859	11
10	85403	102	64	149	11	1896	9
11	85404	101	68	151	11	2085	3
12	85405	102	65	149	11	1910	8
13	85421	101	67	149	12	1910	8
14	85407	104	66	154	9	2082	4
15	1849	101	66	152	13	1988	6
16	Lo.ch	103	69	151	13	2007	5
SE		1.3	1.8	1.9	0.6	138.7	
Mean		101.9	66.4	150.1	12.2	1900.9	
CV		2.6	5.6	2.5	10.2	14.6	

Appendix 83. Characteristics of entries in ICCT-DL at New Delhi 1985-86

Entry No.	ICCL./ ICC.No	Weight of 100 seeds	Seed yield kg/ha	Rank
1	4948	14	3491	2
2	10136	14	3332	4
3	14303	16	2896	9
4	13819	12	2816	10
5	83448	15	2816	10
6	84443	18	2816	10
7	84460	12	3213	6
8	85401	12	3649	1
9	85402	13	3173	7
10	85403	13	2896	9
11	85404	14	3491	2
12	85405	13	3451	3
13	85421	12	3134	8
14	85407	11	3253	5
15	1849	15	3253	5
16	Lo.ch	13	3253	5
	SE	0.4	204.8	
	Mean	13.7	3183.2	
	CV	5.4	11.1	

Appendix 84. Characteristics of entries in ICCT-DL at Faridkot, 1985-86

Entry No.	ICCL./ ICC.No	Weight of 100 seeds	Seed yield kg/ha	Rank
1	4948	13	1974	2
2	10136	12	1894	6
3	14303	16	1783	10
4	13819	11	1733	12
5	83448	14	1421	16
6	84443	17	1668	14
7	84460	13	1816	9
8	85401	11	1891	8
9	85402	13	1937	3
10	85403	12	1656	15
11	85404	12	1933	5
12	85405	12	1695	13
13	85421	12	1774	11
14	85407	12	1892	7
15	1849	13	1935	4
16	Lo.ch	12	2291	1
	SE	0.3	81.1	
	Mean	12.7	1830.7	
	CV	3.6	7.7	

