

TABLE NO. 49 (CONT.)

SI	NO PEDIGREE	MOISTURE & AT		PLANT HEIGHT		EAR HEIGHT		GRAIN SHELLING %				STAND AT			
		HARVEST	JORH	ZN 1	(cm)	ZN 1	(cm)	SRIN	JORH	MEAN	SRIN	JORH	ZN 1	HARVEST	ZN 1
1	K D M - 438	15.1	22.3	18.7	143	191	167	58	78	68	80.0	78.0	40	28	34
2	K D M - 970	12.4	22.7	17.5	148	185	167	72	71	72	85.9	82.7	40	29	35
3	K D M - 322	14.9	22.6	18.7	142	187	165	88	72	80	83.9	77.0	39	34	37
4	K D M - 384	14.6	24.3	19.5	150	179	164	82	70	76	78.1	80.0	40	24	32
5	K L M - 4	15.5	21.0	18.3	149	177	163	76	73	75	83.1	81.0	40	34	37
6	K L M - 20	16.6	21.6	19.1	159	175	167	89	76	83	80.3	73.0	40	28	34
7	L - 134	17.5	21.2	19.3	157	187	172	81	80	81	85.1	74.0	40	34	37
8	L - 209	18.1	22.5	20.3	167	188	178	86	89	87	78.8	79.5	39	32	36
9	L - 183	15.7	22.9	19.3	182	158	170	97	67	82	88.1	79.0	39	27	33
10	L - 210	13.5	22.7	18.1	171	196	183	88	88	88	84.6	86.0	39	32	36
11	L - 212	14.5	20.7	17.6	164	189	177	83	82	83	80.1	81.0	40	33	37
12	CML324 x K716(EHB1586)	15.6	22.9	19.2	141	161	151	72	53	63	87.3	79.0	39	27	33
13	2780 x 95098 (EHB1587)	15.4	22.0	18.7	157	183	170	78	78	78	85.0	81.5	39	35	37
14	95083 x K716 (EHB1588)	15.1	22.4	18.8	138	140	139	66	53	59	80.6	73.5	40	19	30
15	2780 x 95130 (EHB1589)	19.2	23.1	21.2	137	181	159	64	81	73	86.9	79.0	40	27	34
16	JH6618 x 2780 (EHB1590)	21.5	21.4	21.5	138	186	162	64	86	75	86.9	83.0	39	36	38
17	CML323 x CML29 (EHB1591)	13.6	20.0	16.8	124	177	151	63	70	67	87.9	75.0	40	34	37
18	CML324 x CML20 (EHB1592)	22.9	22.4	22.6	159	181	170	76	76	76	85.0	81.0	39	36	38
19	2780 x 1353 (EHB1593)	18.1	20.2	19.2	161	185	173	81	75	78	78.1	81.0	39	35	37
20	3396 x 3083 (EHB1594)	15.7	20.0	17.9	145	184	165	70	72	71	87.7	79.5	39	32	36
21	CM141 x HS131-235 (EHB1595)	18.4	20.0	19.2	122	164	143	58	60	59	87.3	73.5	40	30	35
22	Pant. 5K D996	14.4	20.8	17.6	129	167	148	64	64	64	82.0	84.0	39	32	36
23	Pant. 5K D992	16.3	20.5	18.4	133	181	157	63	73	68	84.7	84.0	40	35	37
CHECKS:															
24	Bio - 9637	17.7	23.0	20.4	172	201	187	82	92	87	86.3	76.0	40	39	39
25	Local Check	12.6	20.5	16.5	143	181	162	73	89	81	86.7	81.5	40	39	39
26	NavJot	18.0	23.9	20.9	175	181	178	76	73	75	86.2	82.5	39	34	37
MEAN LOCATION															
C.D. AT 5%		1.9	0.9	1.4	25.3	19.2	22.2	14.9	19.0	17.0	0.1	3.3	1.7	1.0	6.5
C.V. %		7.2	2.6	-	10.3	6.5	-	12.1	15.5	-	0.1	2.5	-	1.5	12.4
F (Prob)		.000	.000	-	.000	.000	-	.000	.006	-	.000	.000	-	.037	.000

TABLE NO. 50

PERFORMANCE OF EXTRA EARLY EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR IN ZONAL TRIAL No. TR103A OF 2006 KHARIF AND PLANTED IN KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE		GRAIN YIELD & SUPERIORITY OVER		DAYS TO 50% TO 75% TO 50% TO 50%		DAYS TO 50% TO 75%		MOIST. PLANT		EAR		GRAIN		STAND AT HARV.
		ZN 1 SRIN	R SRIN	HYBRID-9 ZN 1 SRIN	HIM-129 ZN 1 SRIN	SURYA ZN 1 SRIN	POLL. SHED SRIN	SILK. ZN 1 SRIN	DRY HUSK SRIN	ZN 1 SRIN	AT HARV. ZN 1 SRIN	HT. (cm) ZN 1 SRIN	HT. (cm) ZN 1 SRIN	SH. ZN 1 SRIN	ING & SRIN	
1	F H - 3414	2684	18	-	-	72.0	74.3	143.0	15.3	84	38	87.4	49			
2	F H - 3415	2344	23	-	-	69.7	72.3	128.7	14.6	93	33	80.0	48			
3	F H - 3416	2769	16	-	-	68.7	70.7	126.0	12.1	93	32	80.0	49			
4	F H - 3417	2520	20	-	-	67.7	69.7	129.3	10.9	77	35	80.1	49			
5	F H - 3420	2484	21	-	-	70.7	72.7	128.0	10.5	116	53	78.1	49			
6	F H - 3423	2755	17	-	-	67.7	69.7	126.0	13.6	112	51	82.0	48			
7	F H - 3428	3374	2	9.81	11.44	64.7	66.7	128.0	10.1	107	48	83.1	49			
8	F H - 3429	2904	13	-	-	65.0	67.0	128.7	11.2	106	53	83.1	46			
9	F H - 3430	3217	4	4.71	6.27	65.3	67.3	129.0	12.1	110	50	83.7	47			
10	F H - 3438	2853	14	-	-	66.7	68.7	132.0	16.0	123	54	83.1	47			
11	F H - 3439	2603	19	-	-	67.0	69.0	139.0	17.5	101	47	81.5	49			
12	STAR 9914	2440	22	-	-	72.7	74.7	142.0	14.8	127	65	84.3	47			
13	W3 x W8	2802	15	-	-	70.0	72.0	141.0	14.1	113	57	82.9	48			
14	E H B - 1584	3004	11	-	-	67.3	69.3	139.7	14.6	162	80	82.6	47			
15	E H B - 1585	2999	12	-	-	72.0	74.0	142.0	16.0	157	78	85.8	48			
16	P S 59	3074	7	0.04	1.53	67.0	69.0	128.0	14.4	164	87	84.8	47			
17	P S 76	3309	3	7.68	9.28	67.7	69.7	131.3	14.0	171	83	81.6	48			
18	L - 180	3160	6	2.83	4.36	70.0	72.0	126.7	15.5	183	103	82.0	49			
19	L - 207	3815	1	24.17	26.02	68.0	70.0	124.0	12.0	161	82	85.3	50			
20	L - 211	3216	5	4.66	6.22	69.0	71.0	125.3	12.9	156	81	82.6	48			
CHECKS:																
21	VIVEK HYBRID - 9	3073	8	-	1.49	66.3	68.7	124.7	12.1	145	64	83.7	47			
22	HIM - 129	3028	10	-	-	65.0	67.3	126.0	10.9	123	63	83.8	47			
23	SURYA	3051	9	-	0.77	68.3	70.3	123.7	13.0	162	64	81.9	48			
MEAN YIELD=																
MEAN STAND																
C.D. AT 5%=																
C.V. % =																
F (Prob)																
PLOT SIZE=																
AGRONOMY DATA:																
SOWING DATE (2007)		4-05		HARVEST DATE (2007)		30-09										
IRRIGATION Nos		3		FERTILIZER APPLIED N		90										
				P		60		K 40								

TABLE NO. 51

PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR, UDHAMPUR, BAJAURA KANGRA, JORHAT, BARAPANI MEGHALAYA, PANTNAGAR IN ZONAL, TRIAL NO. TR102 DURING KHARIF (2007).

SL NO	PEDIGREE	GRAIN YIELD (KG/HA) AT 15% MOISTURE												MEGH		ZN 1	
		SRIN	R	UDHA	R	BAJA	R	KANG	R	JORH	R	BARA	R	PANT	R	MEAN	R
1	L 235	4006	10	7398	4	9828	1	6766	2	4892	3	3892	2	3532	5	5759	1
2	L 238	3662	12	5800	12	9716	2	6327	9	4253	14	3716	8	3525	6	5286	8
3	L 239	4252	5	6039	9	8683	10	5666	17	4152	16	3872	3	3753	1	5203	11
4	EHB 1601 (95098X27H0)	4214	6	6191	7	9398	6	6006	14	4532	9	3800	7	3719	2	5409	7
5	EHB 1602 (CML 31-1X CM 112)	3427	16	7080	5	9615	4	5912	16	4817	7	3829	5	3451	8	5447	5
6	EHB 1603 (B 57 XCM 205)	3370	17	6242	6	8986	9	6085	13	4809	8	3931	1	3219	11	5234	9
7	EHB 1604 (3396X 95098)	3610	14	5635	13	9275	7	6272	11	4819	6	3687	11	3264	9	5223	10
8	KDM H-35	4711	3	6058	8	8069	15	6756	3	4819	5	3815	6	3664	3	5413	6
9	KDM 970	4887	1	5810	11	7136	16	6178	12	4470	10	3523	17	3120	15	5018	15
10	KDM 384	4288	4	7749	2	8235	13	6653	6	4432	11	3572	15	3217	12	5449	4
11	RCM-1-1	4007	9	4768	16	8149	14	6814	1	4300	13	3850	4	3251	10	5020	14
12	RCM-1-3	4207	7	4103	17	6836	17	6673	5	5080	1	3523	16	2864	17	4755	17
13	KLM 12	3642	13	5908	10	8269	12	6450	8	4882	4	3622	14	3198	13	5139	13
14	KLM 18	4864	2	7868	1	8580	11	6543	7	4040	17	3666	12	3506	7	5581	3
CHECKS:																	
15	BIO 9637	4084	8	7713	3	9525	5	6303	10	5053	2	3707	9	3651	4	5719	2
16	LOCAL	3526	15	5444	14	9132	8	5958	15	4154	15	3638	13	2893	16	4963	16
17	NAVJOT	3741	11	4965	15	9617	3	6729	4	4407	12	3702	10	3185	14	5192	12
MEAN YIELD=		4029		6163		8768		6358		4583		3726		3354		5283	
MEAN STAND		40		34		28		24		34		29		31		31	
C.D. AT 5%=		745		1383		1002		1046		1323		343		875		959	
C.V. %		11.13		13.51		6.88		9.90		17.37		5.54		15.70		-	
F (PROB)		.000		.000		.000		.605		.908		.191		.698		-	
PLOT SIZE=		4.80		4.80		4.80		3.60		4.80		4.80		6.00		-	
AGRONOMY DATA:																	
SOWING DATE (2007)		14-07		21-06		5-06		19-06		29-03		-		27-06		-	
HARVEST DATE (2007)		26-10		8-10		26-09		20-09		6-07		-		17-10		-	
IRRIGATION NOS		3		-		2		-		-		-		3		-	
FERTILIZER APPLIED		90		60		120		120		80		-		120		-	
		60		60		60		60		40		-		60		-	
		40		40		40		40		40		-		40		-	

TABLE NO. 51 (CONT.)

SL NO PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE BIO 9637										ZN 1 MEAN
	SRIN	UDHA	BAJA	KANG	JORH	MEGH BARA	PANT				
1 L 235	-	-	3.19	7.35	-	4.99	-	-	-	0.70	
2 L 238	-	-	2.01	0.39	-	0.25	-	-	-	-	
3 L 239	4.12	-	-	-	-	4.46	2.79	-	-	-	
4 EHB 1601 (95098X2780)	3.17	-	-	-	-	2.52	1.88	-	-	-	
5 EHB 1602 (CML 31-1X CM 112)	-	-	0.95	-	-	3.28	-	-	-	-	
6 EHB 1603 (B 57 XCM 205)	-	-	-	-	-	6.03	-	-	-	-	
7 EHB 1604 (3396X 95098)	-	-	-	-	-	-	-	-	-	-	
8 KDM H-35	15.33	-	-	7.19	-	2.90	0.38	-	-	-	
9 KDM 970	19.65	-	-	-	-	-	-	-	-	-	
10 KDM 384	4.98	0.47	-	5.57	-	-	-	-	-	-	
11 RCM-1-1	-	-	-	8.11	-	3.85	-	-	-	-	
12 RCM-1-3	3.01	-	-	5.88	0.55	-	-	-	-	-	
13 KLM 12	-	-	-	2.34	-	-	-	-	-	-	
14 KLM 18	19.08	2.02	-	3.82	-	-	-	-	-	-	
CHECKS:											
15 BIO 9637	-	-	-	-	-	-	-	-	-	-	
16 LOCAL	-	-	-	-	-	-	-	-	-	-	
17 NAVJOT	-	-	0.97	6.76	-	-	-	-	-	-	

TABLE NO. 51 (CONT.)

GRAIN YIELD % SUPERIORITY OVER THE LOCAL

SL NO PEDIGREE	SRIN	UDHA	BAJA	KANG	JORH	MEGH BARA	PANT	ZN 1 MEAN
1 L 235	13.62	35.89	7.63	13.56	17.77	6.97	22.08	16.03
2 L 238	3.88	6.54	6.39	6.19	2.40	2.14	21.85	6.49
3 L 239	20.62	10.93	-	-	-	6.43	29.71	4.82
4 EHB 1601 (95098X2780)	19.52	13.72	2.92	0.80	9.11	4.45	28.56	8.97
5 EHB 1602 (CML 31-1X CM 112)	-	30.06	5.29	-	15.98	5.23	19.29	9.75
6 EHB 1603 (B 57 XCM 205)	-	14.67	-	2.13	15.77	8.03	11.26	5.46
7 EHB 1604 (3396X 95098)	2.39	3.51	1.57	5.26	16.03	1.33	12.82	5.23
8 KDM H-35	33.61	11.28	-	13.39	16.03	4.84	26.66	9.06
9 KDM 970	38.61	6.73	-	3.69	7.63	-	7.86	1.09
10 KDM 384	21.61	42.34	-	11.67	6.71	-	11.18	9.79
11 RCM-1-1	13.67	-	-	14.36	3.51	5.80	12.37	1.13
12 RCM-1-3	19.34	-	-	12.00	22.31	-	-	-
13 KLM 12	3.32	8.53	-	8.26	17.54	-	10.53	3.53
14 KLM 18 CHECKS:	37.95	44.54	-	9.82	-	0.76	21.19	12.44
15 BIO 9637	15.85	41.68	4.30	5.78	21.64	1.89	26.19	15.23
16 LOCAL	-	-	-	-	-	-	-	-
17 NAVJOT	6.12	-	5.32	12.94	6.10	1.74	10.11	4.61

TABLE NO. 51 (CONT.)

SL NO	PEDIGREE	GRAIN YIELD % SUPERIORITY OVER THE NAVJOT										ZN 1 MEAN
		SRIN	UDHA	BAJA	KANG	JORH	MEGH BARA	PANT				
1	L 235	7.07	49.01	2.19	0.55	11.00	5.15	10.87				10.91
2	L 238	-	16.82	1.03	-	-	0.40	10.66				1.80
3	L 239	13.66	21.64	-	-	-	4.61	17.81				0.20
4	EHB 1601 (95098X2780)	12.63	24.70	-	-	2.85	2.67	16.76				4.17
5	EHB 1602 (CML 31-1X CM 112)	-	42.62	-	-	9.32	3.43	8.34				4.91
6	EHB 1603 (B 57 XCM 205)	-	25.73	-	-	9.12	6.19	1.04				0.81
7	EHB 1604 (3396X 95098)	-	13.51	-	-	9.36	-	2.47				0.60
8	KDM H-35	25.91	22.02	-	0.40	9.37	3.05	15.04				4.25
9	KDM 970	30.62	17.04	-	-	1.45	-	-				-
10	KDM 384	14.60	56.08	-	-	0.58	-	0.98				4.95
11	RCM-1-1	7.11	-	-	1.26	-	4.00	2.06				-
12	RCM-1-3	12.46	-	-	-	15.29	-	-				-
13	KLM 12	-	19.00	-	-	10.79	-	0.38				-
14	KLM 18 CHECKS:	30.00	58.49	-	-	-	-	10.07				7.49
15	BIO 9637	9.17	55.35	-	-	14.65	0.14	14.60				10.15
16	LOCAL	-	9.65	-	-	-	-	-				-
17	NAVJOT	-	-	-	-	-	-	-				-

TABLE NO. 51 (CONT.)

SL NO	PEDIGREE	DAYS TO 50% POLLEN SHED							DAYS TO 50% SILKING							ZN 1	
		SRIN	UDHA	BAJA	KANG	JORH	MEGH	PANT	MEAN	SRIN	UDHA	BAJA	KANG	JORH	MEGH	BARA	PANT
1	L 235	75 0	51.0	63.7	51.0	58.7	53.3	50.7	57.6	77.3	53.7	66.0	53.3	61.7	56.3	55.3	60.5
2	L 238	74 3	50.0	57.3	50.0	56.3	54.3	50.7	56.1	77.0	54.3	59.7	53.0	59.7	57.3	61.7	60.4
3	L 239	75 3	51.3	64.7	51.0	55.0	54.0	51.0	57.5	77.7	55.7	67.0	53.3	58.3	57.0	60.0	61.3
4	EHB 1601 (95098X2780)	76 3	52.3	63.7	50.7	57.0	53.7	55.0	58.4	78.7	55.0	65.7	53.3	60.7	57.3	60.7	61.6
5	EHB 1602 (CML 31-1X CM 112)	73 3	48.7	59.3	47.3	57.3	54.0	51.0	55.9	75.7	53.3	61.3	50.3	60.7	57.0	59.3	59.7
6	EHB 1603 (B 57 XCM 205)	74 3	52.7	61.7	47.3	55.7	53.3	51.3	56.6	76.3	57.0	64.0	50.0	59.3	57.0	63.7	61.0
7	EHB 1604 (3396X 95098)	74 0	48.7	64.3	47.3	56.7	53.3	50.0	56.3	76.7	53.7	66.3	50.0	60.3	56.3	56.7	60.0
8	KDM H-35	73 0	49.3	54.0	46.0	59.0	54.0	49.0	54.9	75.0	52.3	56.0	48.7	62.3	57.0	58.7	58.6
9	KDM 970	72 7	49.0	62.0	47.3	57.7	53.7	52.0	56.3	74.7	54.0	64.7	50.0	61.0	57.0	58.7	60.0
10	KDM 384	71 7	49.0	61.3	46.3	57.7	53.0	50.3	55.6	73.7	53.7	64.7	48.7	61.0	56.0	57.0	59.2
11	RCM-1-1	73 0	49.0	64.0	47.3	57.0	53.7	51.3	56.5	75.3	53.3	66.3	50.0	60.3	57.0	58.0	60.0
12	RCM-1-3	72 7	49.0	65.0	49.0	58.0	53.7	52.3	57.1	75.0	53.3	67.3	51.7	61.0	56.7	58.7	60.5
13	KLM 12	76 0	48.7	63.0	49.0	55.7	52.3	49.0	56.2	78.7	53.0	65.0	51.7	59.3	55.3	59.0	60.3
14	KLM 18	74 7	49.0	61.7	49.7	55.3	52.7	52.7	56.5	77.0	53.3	63.7	52.3	58.3	55.7	57.7	59.7
CHECKS:																	
15	BIO 9637	74 0	51.7	63.3	48.7	56.7	53.0	52.7	57.1	76.3	55.3	65.7	51.3	60.0	56.3	59.7	60.7
16	LOCAL	70 0	51.3	60.0	51.0	58.3	51.7	48.3	55.8	72.3	55.3	62.0	53.7	61.7	55.0	54.0	59.1
17	NAVJOT	74 7	48.3	62.3	48.7	57.3	53.3	48.7	56.2	77.0	53.0	65.0	51.7	61.0	56.3	57.0	60.1
MEAN LOCATION																	
C.D. AT 5% =																	
C.V. % =																	
F (PROB) =																	
		.000	.000	.000	.210	.588	.019	.276	-	.000	.000	.000	.230	.488	.007	.246	-

TABLE NO. 51 (CONT.)

SL NO	PEDIGREE	DAYS TO 75% DRY HUSK										MOISTURE % AT HARVEST									
		SRIN	UDHA	BAJA	KANG	JORH	BARA	MEGH	PANT	MEAN	ZN 1	SRIN	UDHA	BAJA	KANG	JORH	BARA	MEGH	PANT	MEAN	ZN 1
1	L 235	120.3	90.7	95.3	85.3	91.7	101.3	91.3	98.0	98.0	17.5	21.2	20.4	23.9	21.9	24.0	23.6	21.8			
2	L 238	132.0	92.3	94.3	84.7	89.7	101.0	91.3	97.9	97.9	13.4	23.6	21.9	24.7	22.2	24.7	24.7	22.2			
3	L 239	133.0	91.7	99.7	85.3	89.3	101.7	91.3	98.9	98.9	20.3	23.5	21.0	24.2	21.2	25.0	23.2	22.6			
4	EBH 1601 (95098X2780)	133.0	91.3	94.3	86.3	91.3	101.7	90.0	98.3	98.3	19.2	23.4	20.9	25.1	22.1	23.7	24.1	22.6			
5	EBH 1602 (CML 31-1X CM 112)	130.7	91.3	93.0	86.3	92.7	101.3	90.0	97.9	97.9	19.6	24.7	20.3	25.9	21.8	23.3	24.8	22.9			
6	EBH 1603 (B 57 XCM 205)	129.3	92.0	96.7	85.3	91.0	102.3	93.3	98.6	98.6	19.6	22.0	19.8	24.2	21.7	25.7	24.2	22.4			
7	EBH 1604 (3395X 95098)	130.3	90.7	95.3	85.7	89.7	101.3	89.7	97.5	97.5	20.1	19.3	19.8	25.2	20.8	24.0	25.3	22.1			
8	KDM H-35	125.7	88.7	92.7	85.0	91.3	102.0	88.7	96.3	96.3	15.9	21.2	21.0	23.2	22.4	24.7	23.6	21.7			
9	KDM 970	128.0	90.0	98.3	86.3	89.7	101.7	89.7	97.7	97.7	21.5	21.5	21.5	23.3	22.7	25.3	24.6	22.9			
10	KDM 384	125.3	90.3	95.0	85.7	91.0	100.7	89.7	96.8	96.8	17.4	19.0	19.8	24.5	22.3	24.7	23.0	21.5			
11	RCM-1-1	124.0	90.3	93.7	85.7	91.0	100.0	90.7	97.2	97.2	17.6	19.6	18.6	23.3	21.0	24.0	24.7	21.3			
12	RCM-1-3	131.7	90.3	96.0	84.3	92.0	100.7	88.3	97.6	97.6	16.0	24.6	21.3	26.2	21.0	24.7	23.7	22.5			
13	KLM 12	124.0	89.7	99.0	86.0	90.7	103.0	90.0	98.2	98.2	20.9	24.2	21.0	25.2	23.2	24.7	24.8	23.4			
14	KLM 18	124.0	90.0	100.0	84.7	89.7	103.0	89.3	98.0	98.0	15.9	19.8	21.0	24.6	21.5	23.3	23.7	21.4			
CHECKS:																					
15	BIO 9637	133.0	92.7	97.7	84.3	91.7	103.3	92.0	99.2	99.2	13.6	19.3	22.7	25.2	21.4	25.7	24.7	21.8			
16	LOCAL	130.0	91.7	95.3	84.0	92.7	102.0	91.0	98.1	98.1	13.6	23.0	21.5	24.8	22.1	23.7	23.7	21.8			
17	NAVJOT	124.0	88.7	97.0	85.7	94.0	103.0	90.7	98.3	98.3	16.5	21.5	18.7	25.6	21.3	23.0	20.7	21.0			
MEAN LOCATION																					
C.D. AT 5% =																					
C.V. % =																					
F (PROB) =																					
		.000	.004	.000	.616	.206	.004	.829	-	-	.000	.000	.011	.651	.895	.358	.014	-	-	-	

TABLE NO. 51 (CONT.)

SL NO	PEDIGREE	PLANT HEIGHT (CM)					EAR HEIGHT (CM)					ZN 1					
		SKIN	UDHA	BAJA	KANG	JORH	MEGH	PANT	MEAN	SRIN	UDHA	BAJA	KANG	JORH	MEGH	BARA	PANT
1	L 235	111	219	248	253	191	200	187	202	51	133	130	143	82	105	73	103
2	L 238	101	218	211	253	187	192	168	191	42	121	118	125	91	98	67	95
3	L 239	131	235	219	248	187	191	183	199	63	134	132	137	80	101	77	103
4	EBH 1601 (95098X2780)	114	208	219	255	196	179	170	192	58	114	131	148	88	89	63	99
5	EBH 1602 (CML 31-1X CM 112)	103	210	199	261	178	202	160	188	52	115	118	158	71	101	70	98
6	EBH 1603 (B 57 XCM 205)	111	225	228	254	182	206	180	199	55	117	127	147	81	117	73	102
7	EBH 1604 (3396X 95098)	112	239	257	287	171	185	178	204	52	129	135	149	73	94	73	101
8	KDM H-35	101	215	212	273	164	210	162	191	46	127	113	123	56	101	57	89
9	KDM 970	113	235	247	255	191	190	183	202	54	158	137	138	77	90	80	105
10	KDM 384	132	220	209	268	176	212	180	200	60	136	128	140	74	115	77	104
11	RCM-1-1	169	262	251	282	191	222	193	224	92	165	150	140	66	131	97	120
12	RCM-1-3	171	240	270	265	179	197	213	219	101	157	156	143	81	105	103	121
13	KLM 12	135	227	248	248	181	211	167	203	68	129	141	140	71	108	73	104
14	KLM 18	112	241	245	232	176	199	197	200	53	142	138	138	69	108	80	104
CHECKS:																	
15	BIO 9637	136	250	245	260	184	201	193	210	67	160	137	145	76	111	77	110
16	LOCAL	162	262	243	255	177	192	160	207	73	171	147	123	69	92	73	107
17	NAVJOT	112	227	240	239	182	187	167	193	56	134	145	142	70	98	70	102
MEAN LOCATION																	
C.D. AT 5% =																	
C.V. % =																	
F (PROB) =																	
		100	.000	.000	.222	.786	.150	.001	-	.000	.000	.093	.392	.447	.035	.000	-

TABLE NO. 51 (CONT.)

SL NO	PEDIGREE	RAIN SHELLING %										STAND AT HARVEST										ZN 1	
		SRIN	UDHA	BAJA	KANG	JORH	PANT	MEAN	SRIN	UDHA	BAJA	KANG	JORH	MEGH	BARA	PANT	MEAN						
1	L 235	38.0	83.8	89.4	82.5	82.0	78.1	84.0	40	36	26	24	36	28	29	31	31						
2	L 238	35.2	81.7	84.2	82.3	80.0	84.1	82.9	40	35	30	25	38	27	30	32	32						
3	L 239	37.9	83.5	85.4	80.7	80.0	78.2	82.6	40	35	28	25	34	29	32	32	32						
4	EHB 1601 (95098X2780)	34.6	83.0	83.1	81.8	78.0	78.6	81.5	39	36	28	24	37	27	31	32	32						
5	EHB 1602 (CML 31-1X CM 112)	30.7	81.8	85.4	81.8	77.3	78.9	81.0	40	34	30	24	32	29	31	31	31						
6	EHB 1603 (B 57 XCM 205)	30.6	85.2	83.0	79.8	80.0	82.1	81.8	40	34	29	24	35	31	32	32	32						
7	EHB 1604 (3396X 95098)	33.0	84.6	84.8	81.0	82.0	76.7	82.0	40	33	25	24	34	27	32	31	31						
8	KDM H-35	35.9	81.9	83.9	82.0	77.0	79.3	81.7	39	34	27	24	28	30	31	31	31						
9	KDM 970	36.9	83.5	85.4	82.3	76.3	79.1	82.2	40	34	27	24	40	29	30	32	32						
10	KDM 384	37.8	84.6	86.8	82.7	80.3	82.4	84.1	40	38	28	25	35	28	32	32	32						
11	RCM-1-1	36.8	81.1	82.6	81.3	78.7	76.6	81.2	40	33	30	23	35	31	29	32	32						
12	RCM-1-3	38.1	82.4	82.6	81.7	76.3	82.9	82.3	39	34	20	23	34	28	28	30	30						
13	KLM 12	36.9	82.8	84.0	81.7	81.0	79.3	82.6	40	33	31	24	28	29	31	31	31						
14	KLM 18	36.9	82.7	84.5	82.8	79.7	83.2	83.3	40	36	28	26	34	27	31	31	31						
CHECKS:																							
15	BIO 9637	35.0	82.5	86.0	81.8	82.0	77.9	82.5	40	34	29	25	36	29	31	32	32						
16	LOCAL	34.6	85.2	87.2	82.7	76.7	78.1	82.4	40	35	28	24	34	28	32	32	32						
17	NAVJOT	37.0	83.8	86.6	82.0	80.0	80.2	83.3	40	34	28	23	34	28	29	31	31						
MEAN LOCATION																							
C.D. AT 5% =																							
C.V. % =																							
F (PROB) =																							
.000 .000 .095 .942 .761 .346 - -																							
.417 .021 .031 .768 .298 .225 .045																							

TABLE NO. 52

PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR, UDHAMPUR, ALMORA, BAJAURA, KANGRA, JORHAT, PANTNAGAR IN ZONAL, TRIAL No. TRI03 DURING KHARIF (2007).

S1 No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE										ZN 1					
		SRIN	R	UDHA	R	ALMO	R	BAJA	R	KANG	R	JORH	R	PANT	R	MEAN	R
1	F H - 3443	3953	26	7024	3	9726	13	9920	3	6539	5	3922	3	3367	9	6350	3
2	F H - 3449	4034	22	7167	2	10658	5	9781	4	6135	15	4360	1	3478	6	6516	1
3	F H - 3456	4327	20	4952	21	9860	11	10189	1	6325	10	3799	4	3732	1	6169	7
4	F H - 3464	4729	13	5168	20	12248	1	9229	8	6307	13	2973	16	2830	28	6212	6
5	F H - 3466	4460	17	5450	13	10308	7	9548	5	6914	2	4038	2	3483	5	6314	4
6	F H - 3468	4674	14	6258	6	8277	23	8892	13	6321	11	3165	15	3403	8	5856	13
7	F H - 3469	3924	27	4201	28	10090	9	7488	25	5977	18	3671	5	2981	24	5476	20
8	F H - 3470	3901	28	5703	12	8762	17	8462	19	6624	4	3327	13	3530	4	5758	15
9	F H - 3471	3886	29	4865	23	7944	25	9043	11	4926	30	2890	19	3114	19	5238	27
10	P M C - 1	3974	23	5208	18	7633	27	7716	22	6528	6	2652	25	3170	18	5269	26
11	P M C - 2	3958	25	4884	22	10559	6	9399	7	6383	9	2829	21	3192	15	5886	12
12	T M C - 07 - 1	3729	30	5229	17	8613	20	7640	23	5898	20	3363	11	2989	23	5352	23
13	K L M - 9	4190	21	6257	7	9823	12	8706	16	7125	1	3429	9	2868	26	6057	10
14	F H - 3472	4769	11	7795	1	9371	14	8595	17	6517	7	3480	7	3092	20	6232	5
15	F H - 3473	5116	7	6774	5	11271	2	9424	6	6319	12	3458	8	2693	30	6436	2
16	F H - 3476	4438	19	5763	11	10053	10	9023	12	5954	19	2370	28	3219	14	5831	14
17	F H - 3477	4742	12	5206	19	9311	15	7544	24	6040	17	2938	17	3465	7	5607	18
18	K L M - 11	5789	1	6005	9	8241	24	8109	20	5598	28	2886	20	3549	3	5740	16
19	E H B - 1598	4475	16	4823	24	9264	16	9203	9	5634	27	3406	10	2938	25	5678	17
20	E H B - 1599	5398	3	6834	4	10123	8	9122	10	5661	26	2756	22	3057	22	6136	9

TABLE NO. 52 (CONT)

GRAIN YIELD & SUPERIORITY OVER THE H I M - 129

Sl No	PEDIGREE	SRIN	UDHA	ALMO	BAJA	KANG	JORH	PANT	ZN 1	
									MEAN	MEAN
1	F H - 3443	-	12.78	24.55	33.84	13.98	79.08	3.56	18.70	18.70
2	F H - 3449	-	15.09	36.48	31.96	6.94	99.08	6.99	21.80	21.80
3	F H - 3456	-	-	26.27	37.47	10.25	73.47	14.80	15.32	15.32
4	F H - 3464	-	-	56.85	24.52	9.95	35.73	-	16.11	16.11
5	F H - 3466	-	-	32.00	28.82	20.52	84.34	7.13	18.03	18.03
6	F H - 3468	-	0.48	5.99	19.98	10.19	44.50	4.68	9.46	9.46
7	F H - 3469	-	-	29.21	1.03	4.20	67.61	-	2.36	2.36
8	F H - 3470	-	-	12.20	14.17	15.46	51.88	8.58	7.64	7.64
9	F H - 3471	-	-	1.73	22.01	-	31.97	-	-	-
10	P M C - 1	-	-	-	4.10	13.79	21.10	-	-	-
11	P M C - 2	-	-	35.21	26.80	11.26	29.15	-	10.02	10.02
12	T M C - 07 - 1	-	-	10.30	3.08	2.82	53.56	-	0.03	0.03
13	K L M - 9	-	0.47	25.79	17.46	24.20	56.58	-	13.22	13.22
14	F H - 3472	-	25.18	20.00	15.97	13.61	58.89	-	16.48	16.48
15	F H - 3473	6.09	8.78	44.33	27.15	10.15	57.86	-	20.31	20.31
16	F H - 3476	-	-	28.73	21.74	3.79	8.22	-	9.00	9.00
17	F H - 3477	-	-	19.23	1.78	5.29	34.12	6.60	4.80	4.80
18	K L M - 11	20.05	-	5.54	9.41	-	31.78	9.17	7.29	7.29
19	E H B - 1598	-	-	18.63	24.16	-	55.51	-	6.13	6.13
20	E H B - 1599	11.93	9.74	29.63	23.07	-	25.81	-	14.69	14.69
21	E H M - 1900	-	-	38.24	14.55	-	59.36	-	12.17	12.17
22	L - 240	13.62	-	11.29	6.44	-	33.88	1.43	0.50	0.50
23	L - 251	7.26	-	6.25	-	16.93	10.09	-	1.80	1.80
24	L - 252	10.11	-	11.48	18.94	6.51	9.11	-	3.52	3.52
25	F H - 3423	7.84	-	-	-	-	49.66	1.41	-	-
26	V L - 115	3.27	-	7.88	-	-	25.68	-	-	-
CHECKS:										
27	H I M - 129	-	-	-	-	-	-	-	-	-
28	VIVEK HYBRID - 9	-	-	40.42	34.20	13.46	52.81	-	15.22	15.22
29	SURYA	-	-	-	-	0.50	21.91	9.91	-	-
30	LOCAL	-	-	-	17.77	7.28	-	-	-	-

4

4

4

TABLE NO. 52 (CONT)

GRAIN YIELD & SUPERIORITY OVER THE SURYA

SI	No PEDIGREE	SRIN	UDHA	ALMO	BAJA	KANG	JORH	PANT	ZN 1 MEAN
1	F H - 3443	-	33.64	28.59	52.06	13.42	46.89	-	23.87
2	F H - 3449	-	36.38	40.90	49.92	6.41	63.30	-	27.10
3	F H - 3456	-	-	30.36	56.19	9.70	42.29	4.46	20.34
4	F H - 3464	4.27	-	61.94	41.47	9.40	11.33	-	21.17
5	F H - 3466	-	3.70	36.28	46.36	19.92	51.21	-	23.17
6	F H - 3468	3.06	19.07	9.43	36.31	9.64	18.52	-	14.22
7	F H - 3469	-	-	33.40	14.78	3.68	37.48	-	6.82
8	F H - 3470	-	8.53	15.84	29.71	14.89	24.58	-	12.32
9	F H - 3471	-	-	5.03	38.62	-	8.25	-	2.18
10	P M C - 1	-	-	0.91	18.27	13.23	-	-	2.77
11	P M C - 2	-	-	39.59	44.06	10.71	5.94	-	14.81
12	T M C - 07 - 1	-	-	13.88	17.11	2.31	25.96	-	4.39
13	K L M - 9	-	19.06	29.87	33.45	23.58	28.43	-	18.15
14	F H - 3472	5.17	48.33	23.90	31.75	13.04	30.33	-	21.55
15	F H - 3473	12.82	28.90	49.01	44.45	9.61	29.49	-	25.55
16	F H - 3476	-	9.66	32.91	38.31	3.27	-	-	13.75
17	F H - 3477	4.56	-	23.10	15.63	4.77	10.01	-	9.36
18	K L M - 11	27.66	14.26	8.96	24.30	-	8.09	-	11.96
19	E H B - 1598	-	-	22.47	41.06	-	27.56	-	10.75
20	E H B - 1599	19.03	30.03	33.83	39.82	-	3.20	-	19.68
21	E H M - 1900	6.12	12.11	42.73	30.14	-	30.72	-	17.05
22	L - 240	20.83	-	14.90	20.93	-	9.81	-	4.87
23	L - 251	14.05	1.29	9.69	9.25	16.35	-	-	6.23
24	L - 252	17.09	-	15.09	35.13	5.98	-	-	8.02
25	F H - 3423	14.67	2.49	-	11.86	-	22.76	-	4.14
26	V L - 115	9.82	-	11.38	13.50	-	3.09	-	1.66
CHECKS:									
27	H I M - 129	6.34	18.50	3.24	13.61	-	-	-	4.35
28	VIVEK HYBRID - 9	-	-	44.98	52.47	12.90	25.34	-	20.24
29	SURYA	-	-	-	-	-	-	-	-
30	LOCAL	-	-	0.02	33.80	6.75	-	-	-

*

1

*

TABLE NO. 52 (CONT.)

S1 NO PEDIGREE	DAYS TO 50% POLLEN SHED						DAYS TO 50% SILKING						ZN 1			
	SRIN	UDHA	ALMO	BAJA	KANG	JOPH	PANT	MEAN	SRIN	UDHA	ALMO	BAJA	KANG	JORE	PANT	MEAN
1 F H - 3443	77.7	47.0	50.0	56.3	50.3	45.3	48.0	53.5	79.7	50.3	50.7	59.0	53.0	48.3	55.3	56.6
2 F H - 3449	80.3	46.3	50.7	56.0	52.3	44.7	47.7	54.0	82.3	49.7	51.0	58.3	54.3	47.0	54.0	56.7
3 F H - 3456	82.7	46.3	50.7	56.3	50.0	46.3	49.0	54.3	83.7	49.7	52.0	58.7	52.0	48.7	59.0	57.7
4 F H - 3464	73.7	46.7	51.3	60.3	52.7	47.0	47.3	53.9	74.0	49.3	51.7	63.0	54.7	49.7	56.0	56.9
5 F H - 3466	78.3	46.3	52.7	64.0	52.0	47.3	48.7	55.6	80.3	50.0	53.3	66.0	54.0	49.3	57.3	58.6
6 F H - 3468	73.7	45.0	50.7	54.7	51.3	45.3	48.0	52.7	76.0	48.0	51.7	57.0	54.0	48.3	54.7	55.7
7 F H - 3469	77.3	46.0	50.3	60.3	51.7	46.3	49.3	54.5	82.7	49.0	51.7	62.3	53.7	48.7	56.3	57.8
8 F H - 3470	77.3	47.0	50.7	56.3	50.0	44.3	48.0	53.4	79.3	50.0	51.7	59.0	52.7	47.0	54.3	56.3
9 F H - 3471	76.3	46.0	50.7	56.7	49.3	45.0	48.7	53.2	78.7	49.7	52.0	58.7	51.7	47.7	58.3	56.7
10 P M C - 1	75.3	47.0	50.0	54.7	48.7	44.7	47.7	52.6	77.3	50.0	50.7	58.0	51.0	47.0	54.0	55.4
11 P M C - 2	75.7	46.3	55.7	63.0	52.7	48.0	49.3	55.8	77.7	49.7	57.3	65.7	54.7	49.7	58.3	59.0
12 T M C - 07 - 1	75.7	45.3	51.3	56.3	48.3	46.3	47.3	53.0	77.7	49.0	52.3	59.0	50.7	49.0	52.7	55.8
13 K L M - 9	76.7	46.7	51.0	55.3	51.3	46.3	48.7	53.7	78.7	50.0	52.3	58.7	53.7	48.7	51.3	56.2
14 F H - 3472	79.3	47.7	51.0	59.0	50.7	48.0	50.0	55.1	81.3	50.7	52.7	61.0	53.3	51.0	56.3	58.0
15 F H - 3473	80.3	47.0	49.3	57.3	52.7	45.7	47.3	54.2	82.3	50.3	50.3	60.3	54.7	48.0	56.0	57.4
16 F H - 3476	71.0	44.0	46.3	50.0	49.7	43.7	46.7	50.2	73.3	47.0	46.7	52.7	51.7	46.7	51.0	52.7
17 F H - 3477	72.7	45.7	46.3	51.3	49.7	44.3	47.0	51.0	75.0	48.3	47.3	54.0	52.0	47.3	50.3	53.5
18 K L M - 11	76.0	46.7	50.0	54.7	48.7	43.7	48.7	52.6	78.0	50.3	52.0	57.3	51.0	46.0	53.3	55.4
19 E H B - 1598	78.3	47.0	51.3	54.7	51.0	46.0	47.3	53.7	80.3	50.7	52.7	57.3	53.7	48.7	53.3	56.7
20 E H B - 1599	79.3	46.7	52.7	61.7	50.7	48.0	48.0	55.3	81.3	49.7	52.7	63.7	52.3	51.0	58.4	58.4
21 E H M - 1900	75.7	45.7	51.0	54.7	50.0	46.3	46.7	52.9	77.7	48.7	53.7	57.0	52.0	48.7	51.3	55.6
22 L - 240	76.0	46.7	47.7	53.7	48.7	44.0	47.7	52.0	78.0	49.3	48.3	56.0	51.0	46.7	52.0	54.5
23 L - 251	74.0	46.3	51.7	54.7	48.3	45.7	48.0	52.7	76.3	49.7	53.0	56.7	51.3	48.3	51.7	55.3
24 L - 252	74.3	46.0	51.7	57.0	50.7	45.7	48.3	53.4	76.3	49.7	52.3	60.0	52.7	48.0	56.7	56.5
25 F H - 3423	75.7	45.7	49.7	56.3	49.3	45.3	47.3	52.8	78.0	48.7	50.3	58.3	51.3	48.0	52.0	55.2
26 V L - 115	75.0	44.3	47.7	53.0	49.7	45.3	47.0	51.7	77.0	47.3	49.0	55.7	51.7	48.0	51.3	54.3
CHECKS:																
27 H I M - 129	71.7	45.3	47.7	51.0	50.3	44.3	47.3	51.1	74.3	49.3	48.7	53.3	52.7	47.0	52.3	54.0
28 VIVEK HYBRID - 9	72.3	47.3	48.0	51.3	51.3	44.3	47.7	51.8	75.0	49.7	48.3	54.3	52.3	47.0	52.7	54.2
29 SURYA	73.3	45.3	48.3	54.0	50.3	44.3	46.7	51.8	75.3	48.0	49.7	56.3	52.7	47.3	51.0	54.3
30 LOCAL	76.3	46.0	48.3	56.0	50.3	44.3	46.7	52.6	78.3	49.3	49.3	58.0	53.0	47.3	53.7	55.6
MEAN LOCATION	76.0	46.2	50.1	56.0	50.4	45.5	47.9	53.2	78.2	49.4	51.2	58.5	52.6	48.1	54.2	56.0
C.D. AT 5% ^W	4.9	1.8	1.0	1.8	3.4	1.6	2.2	2.4	4.5	1.9	1.4	2.0	3.4	1.7	3.9	2.7
C.V. %	3.4	2.4	1.2	2.0	4.1	2.2	2.8	-	3.5	2.3	1.6	2.1	3.9	2.1	4.4	-
F (Prob)	.001	.029	.000	.000	.320	.000	.185	-	.000	.021	.000	.000	.455	.000	.000	-

TABLE NO. 52 (CONT.)

S1	NO PEDIGREE	DAYS TO 75% DRY HUSK										MOISTURE % AT HARVEST									
		SRIN	UDHA	ALMO	BAJA	KANG	JORH	PANT	MEAN	SRIN	UDHA	ALMO	BAJA	KANG	JORH	PANT	MEAN				
1	F H - 3443	134.0	88.3	91.3	93.0	83.7	77.0	85.3	93.2	14.4	21.3	28.1	21.0	24.4	20.2	25.8	22.2				
2	F H - 3449	128.0	88.7	92.0	91.3	84.7	76.3	86.3	92.5	16.5	21.9	31.2	20.3	21.8	19.5	26.4	22.5				
3	F H - 3456	136.0	91.3	91.0	95.3	82.7	78.0	85.7	94.3	18.7	22.3	28.7	19.1	23.2	20.6	28.0	23.0				
4	F H - 3464	135.0	89.3	92.3	91.3	85.0	79.0	86.0	93.5	18.6	23.1	31.9	18.7	22.7	21.8	25.4	23.2				
5	F H - 3466	138.0	89.7	93.0	94.7	87.0	80.3	87.0	95.7	19.0	22.5	32.9	18.6	24.0	23.3	25.0	23.6				
6	F H - 3468	128.0	87.0	91.7	89.7	81.3	77.3	86.0	91.6	17.4	21.6	30.4	19.6	22.6	21.1	26.1	22.7				
7	F H - 3469	128.0	89.3	88.0	91.0	82.7	77.7	87.3	92.0	18.5	23.3	31.3	19.4	22.8	20.9	26.0	23.2				
8	F H - 3470	130.0	91.3	87.7	92.0	82.7	76.3	85.3	92.2	15.9	24.3	27.6	19.3	23.4	21.7	24.4	22.4				
9	F H - 3471	128.0	88.0	89.0	90.0	78.0	76.7	86.7	91.0	16.5	24.0	30.7	18.6	21.4	19.5	25.8	22.4				
10	P M C - 1	128.0	88.3	87.7	89.7	82.0	77.0	87.3	91.4	17.0	22.4	26.7	18.6	24.0	20.3	25.6	22.1				
11	P M C - 2	126.0	87.7	99.0	96.3	84.7	80.3	88.7	94.7	16.7	21.1	35.3	20.3	24.8	23.2	25.8	23.9				
12	T M C - 07 - 1	124.7	86.3	91.7	90.7	82.0	78.7	85.3	91.3	16.3	19.8	29.7	20.0	21.3	20.5	25.5	21.9				
13	K L M - 9	123.7	86.7	92.7	88.0	84.3	77.3	87.0	91.4	18.1	22.8	30.7	18.8	23.4	20.1	26.2	22.9				
14	F H - 3472	132.0	90.3	91.7	90.3	85.0	80.7	87.7	94.0	13.0	24.5	31.6	20.7	23.4	23.1	27.9	23.4				
15	F H - 3473	133.3	89.7	87.7	93.0	84.0	78.3	87.3	93.3	14.4	24.0	29.6	19.1	21.8	20.2	29.0	22.6				
16	F H - 3476	124.7	86.7	86.7	89.3	80.7	77.0	86.0	90.1	19.8	21.6	27.8	19.1	23.2	20.0	25.3	22.4				
17	F H - 3477	129.0	86.7	85.7	89.3	85.3	76.7	87.7	91.5	15.4	22.3	26.0	18.5	23.5	22.0	26.2	22.0				
18	K L M - 11	130.7	88.7	90.7	91.0	82.3	76.7	86.7	92.4	12.4	23.4	29.8	19.0	23.1	22.9	27.5	22.6				
19	E H B - 1598	129.0	87.7	89.3	91.0	81.7	77.3	87.3	91.9	14.9	23.4	31.4	18.3	23.2	24.0	26.7	23.1				
20	E H B - 1599	127.0	90.3	93.7	92.0	83.7	80.0	87.3	93.4	21.4	23.6	33.2	20.3	21.9	22.7	26.4	24.2				
21	E H M - 1900	125.0	85.0	93.0	91.0	82.7	78.0	86.0	92.1	17.6	22.7	31.4	19.6	23.9	25.1	24.5	23.6				
22	L - 240	122.7	86.0	90.3	91.3	78.3	76.7	84.7	90.0	14.0	22.3	27.7	19.6	20.1	20.0	25.6	21.3				
23	L - 251	124.0	87.0	91.7	92.0	82.7	78.3	88.3	92.0	18.4	23.2	32.1	18.0	23.7	22.8	28.3	23.8				
24	L - 252	125.0	87.7	93.3	93.0	82.7	78.3	86.7	92.4	23.1	20.9	30.9	18.4	22.1	20.6	28.4	23.5				
25	F H - 3423	130.3	89.7	87.0	90.3	82.3	77.3	88.0	92.1	14.8	23.5	28.2	19.1	21.6	22.8	26.0	22.3				
26	V L - 115	133.0	86.3	88.3	89.7	82.7	77.7	84.3	91.7	13.4	21.5	27.7	17.8	23.0	20.6	26.1	21.4				
CHECKS:																					
27	H I M - 129	123.0	86.3	85.0	89.7	81.3	76.7	85.0	89.7	12.5	21.4	28.1	17.9	22.2	23.0	28.0	21.9				
28	VIVEK HYBRID-9	124.0	87.7	89.3	91.0	85.0	76.7	87.3	91.6	12.5	21.7	30.2	19.2	23.6	21.2	25.0	21.9				
29	SURYA	123.0	85.3	87.0	88.0	82.3	76.3	86.0	89.7	12.7	19.8	23.9	17.8	22.8	21.6	25.5	20.6				
30	LOCAL	132.3	87.7	88.0	90.0	81.0	76.3	85.7	91.6	19.6	20.7	28.7	20.1	22.6	21.5	25.1	22.6				
MEAN LOCATION																					
C.D. AT 5% = 2.8 2.4 1.5 3.6 5.5 2.2 3.7 3.1																					
C.V. % = 1.3 1.6 1.0 2.4 4.1 1.7 2.6 -																					
F (Prob) = .000 .000 .000 .004 .507 .000 .861 -																					

TABLE NO. 52 (CONT.)

Sl No	PEDIGREE	PLANT HEIGHT (cm)						EAR HEIGHT (cm)						ZN I			
		SRIN	UDHA	ALMO	BAJA	KANG	JORH	PANT	MEAN	SRIN	UDHA	ALMO	BAJA	KANG	JORH	PANT	MEAN
1	F H - 3443	97	204	200	186	202	184	150	175	52	109	105	104	97	70	70	87
2	F H - 3449	125	204	218	195	197	187	157	183	64	114	112	118	103	69	70	93
3	F H - 3456	121	202	212	184	208	170	147	178	57	121	103	100	100	54	67	86
4	F H - 3464	162	200	237	204	208	196	163	196	71	106	112	102	100	65	63	88
5	F H - 3466	157	210	230	212	238	201	153	200	82	111	113	110	117	77	63	96
6	F H - 3468	106	200	197	179	192	185	140	171	55	116	102	107	90	63	57	84
7	F H - 3469	112	207	212	196	212	200	147	184	62	133	120	108	95	71	70	94
8	F H - 3470	101	212	211	187	210	181	147	178	59	118	107	103	105	55	70	88
9	F H - 3471	101	205	208	182	212	181	150	177	59	111	108	101	97	60	70	87
10	P M C - 1	115	229	245	203	215	193	157	194	61	124	153	120	100	75	67	100
11	P M C - 2	132	242	298	273	240	218	157	223	72	143	192	165	113	97	67	121
12	T M C - 07 - 1	153	227	260	210	226	187	150	202	87	123	153	158	110	74	63	110
13	K L M - 9	132	205	272	208	202	191	137	192	71	118	155	107	93	75	67	98
14	F H - 3472	123	202	207	180	215	188	153	181	66	110	108	102	90	75	63	88
15	F H - 3473	118	203	208	180	200	183	153	178	61	107	107	95	98	59	63	84
16	F H - 3476	119	213	217	196	218	182	163	187	57	115	108	92	93	62	67	85
17	F H - 3477	96	204	218	178	222	163	163	178	48	106	107	93	87	52	73	81
18	K L M - 11	124	203	233	187	207	195	150	186	64	110	115	98	95	61	60	86
19	E H B - 1598	150	200	230	205	203	193	160	192	80	112	108	114	88	79	70	93
20	E H B - 1599	151	218	235	210	210	186	160	196	74	129	122	113	100	63	67	95
21	E H M - 1900	145	219	238	206	218	206	147	197	69	140	128	125	112	76	67	103
22	L - 240	176	217	253	230	213	201	167	208	88	129	113	119	90	75	70	98
23	L - 251	177	231	258	211	213	182	163	205	87	121	140	115	105	74	70	102
24	L - 252	172	217	217	234	205	185	160	199	84	119	113	128	95	67	67	96
25	F H - 3423	123	195	213	187	195	176	163	179	47	104	95	88	83	65	70	79
26	V L - 115	154	211	208	212	215	183	153	191	63	111	108	114	84	65	67	87
CHECKS:																	
27	H I M - 129	131	209	213	205	202	174	160	185	67	111	110	105	100	63	67	89
28	VIVEK HYBRID - 9	142	203	223	207	247	206	163	199	71	109	110	103	107	71	63	91
29	SURYA	132	219	235	194	218	192	167	194	63	122	127	108	80	70	67	91
30	LOCAL	168	227	207	238	207	163	150	194	69	128	103	128	93	53	67	92
MEAN LOCATION																	
C.D. AT 5% = 13.4 9.1 9.2 22.4 34.2 19.5 27.0 19.3 9.0 8.3 7.3 28.6 19.7 14.9 15.0 14.7																	
C.V. % = 6.1 2.6 2.5 6.8 9.8 6.4 10.6 - 8.2 4.3 3.8 15.7 12.4 13.4 13.8 -																	
F (Prob) .000 .000 .000 .000 .348 .000 .877 - .000 .000 .000 .045 .000 .991 -																	

TABLE NO. 52 (CONT.)

S1 NO PEDIGREE	GRAIN SHELLING %						STAND AT HARVEST						ZN 1		
	SRIN	UDHA	ALMO	BAJA	KANG	JORH	SRIN	UDHA	ALMO	BAJA	KANG	JORH	PANT	PANT	MEAN
1 F H - 3443	84.3	81.2	83.8	82.2	80.3	76.0	40	36	24	32	25	27	35	31	
2 F H - 3449	87.0	82.6	86.2	88.3	81.0	80.0	40	35	22	35	25	25	36	31	
3 F H - 3456	86.1	81.9	83.3	80.0	82.7	75.0	40	36	23	35	24	29	35	32	
4 F H - 3454	87.0	83.4	87.3	87.9	78.2	80.0	40	34	22	32	24	25	32	30	
5 F H - 3466	85.1	83.5	82.8	81.1	81.0	74.5	40	36	23	32	25	28	38	32	
6 F H - 3468	88.0	81.4	88.7	85.0	82.2	75.5	39	36	21	33	24	29	34	31	
7 F H - 3469	88.1	83.6	87.2	86.0	81.3	75.0	39	36	21	28	22	31	36	31	
8 F H - 3470	86.1	82.0	87.8	88.7	81.0	77.5	39	35	21	29	26	14	35	28	
9 F H - 3471	85.2	83.3	83.4	87.2	81.5	74.0	39	38	23	32	25	33	36	32	
10 P M C - 1	87.1	83.8	85.1	83.6	80.3	76.5	39	34	23	35	23	26	34	31	
11 P M C - 2	87.2	80.6	87.6	87.9	80.3	75.5	39	34	24	33	23	22	34	30	
12 T M C - 07 - 1	80.3	82.0	87.0	81.6	80.7	77.5	39	34	23	30	24	24	35	30	
13 K L M - 9	88.1	81.5	85.7	84.5	81.8	77.5	40	35	23	34	25	24	34	31	
14 F H - 3472	87.2	82.7	86.8	84.0	79.7	79.0	40	33	23	34	24	24	33	30	
15 F H - 3473	90.1	83.5	85.1	81.8	79.0	75.0	40	38	23	32	24	33	34	32	
16 F H - 3476	87.2	82.9	86.8	85.4	82.5	76.5	40	36	24	35	24	26	32	31	
17 F H - 3477	87.4	84.3	86.8	84.5	83.0	77.0	40	37	22	35	25	27	32	31	
18 K L M - 11	85.2	82.9	82.8	84.6	81.0	76.0	39	34	22	31	22	21	33	29	
19 E H B - 1598	87.3	81.9	86.3	84.7	81.0	75.5	40	36	20	35	24	28	35	31	
20 E H B - 1599	86.3	84.1	85.6	82.7	81.3	78.0	40	36	22	31	24	23	37	30	
21 E H M - 1900	86.3	81.8	84.8	82.3	81.0	75.0	40	37	23	30	26	25	34	31	
22 L - 240	87.1	80.8	84.9	84.2	81.7	78.0	40	36	21	34	25	27	35	31	
23 L - 251	87.1	82.9	84.6	85.0	81.2	76.5	40	34	22	33	25	26	34	31	
24 L - 252	89.1	80.5	86.3	85.8	80.3	76.0	39	34	22	34	25	30	34	31	
25 F H - 3423	89.1	82.4	86.5	83.2	82.0	78.5	40	32	21	33	25	26	36	30	
26 V L - 115	85.2	82.4	85.3	81.5	81.8	77.0	40	36	22	30	25	26	34	30	
CHECKS:															
27 H I M - 129	88.1	82.3	85.1	82.9	82.2	75.0	40	34	22	33	24	27	37	31	
28 VIVEK HYBRID - 9	86.7	83.0	86.3	83.8	79.7	75.0	39	34	24	33	25	25	34	30	
29 SURYA	87.1	82.9	86.7	86.4	80.3	81.0	40	33	23	33	24	27	32	30	
30 LOCAL	90.1	80.3	85.3	81.7	81.0	77.0	40	34	23	31	23	27	36	30	
MEAN LOCATION	86.9	82.4	85.7	84.3	81.0	76.7	40	35	22	33	24	26	35	31	
C.D. AT 5% =	0.1	2.0	1.0	2.3	2.6	1.5	0.9	3.2	1.7	4.3	1.9	6.1	4.6	3.2	
C.V. % =	0.1	1.5	0.7	1.7	1.9	1.2	1.4	5.5	4.5	8.1	4.9	14.3	8.2	-	
F (Prob)	.000	.003	.000	.000	.145	.000	.068	.031	.002	.031	.014	.000	.609	-	

TABLE NO. 53

PERFORMANCE OF EARLY MATURING HYBRIDS AT BAJAURA, KANGRA IN TRIAL No. TRVLHYB DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha)			DAYS TO 50%			DAYS TO 75%									
		BAJA	KANG	R MEAN	BAJA	KANG	MEAN	BAJA	KANG	MEAN							
1	VL Makka 42	6603	7	6134	8	6368	8	51.0	47.0	49.0	53.3	49.3	51.3	88.0	78.3	83.2	
2	HIM 129	6448	8	6592	5	6520	7	52.0	49.0	50.5	54.3	51.0	52.7	89.0	84.0	86.5	
3	Vivek Hybrid 5	8864	4	6228	7	7546	4	53.3	46.3	49.8	55.7	49.0	52.3	88.0	79.0	83.5	
4	Vivek Hybrid 9	7882	6	7102	3	7492	5	51.3	48.3	49.8	54.7	50.3	52.5	91.3	81.3	86.3	
5	Vivek Hybrid 15	8109	5	6459	6	7284	6	52.7	48.3	50.5	55.3	50.7	53.0	87.7	81.3	84.5	
6	Vivek Hybrid 21	9474	2	7163	2	8318	2	54.7	48.3	51.5	57.3	50.3	53.8	89.7	80.3	85.0	
7	Vivek Hybrid 23	9440	3	7832	1	8636	1	55.7	49.7	52.7	58.3	51.7	55.0	88.3	82.3	85.3	
8	FH 3248	9736	1	6629	4	8183	3	57.7	49.7	53.7	60.0	51.7	55.8	92.3	83.7	88.0	
	MEAN YIELD=	8320		6767		7543		-	-	-	-	-	-	-	-	-	
	MEAN STAND	65		51		58		53.5	48.3	50.9	56.1	50.5	53.3	89.3	81.3	85.3	
	C.D. AT 5%=	765		1513		1139		2.3	3.2	2.8	1.8	3.2	2.5	1.0	5.8	3.4	
	C.V. % =	5.28		12.84		-		2.4	3.8	-	1.9	3.6	-	0.6	4.1	-	
	F (Prob)	.000		.411		-		.000	.347	-	.000	.550	-	.000	.393	-	
	PLOT SIZE=	9.60		7.20		-		-	-	-	-	-	-	-	-	-	
AGRONOMY DATA:																	
	SOWING DATE (2007)	4-06		7-06		-		-	-	-	-	-	-	-	-	-	-
	HARVEST DATE (2007)	25-09		14-09		-		-	-	-	-	-	-	-	-	-	-
	IRRIGATION Nos	2		-		-		-	-	-	-	-	-	-	-	-	-
	FERTILIZER APPLIED N	120		120		-		-	-	-	-	-	-	-	-	-	-
	P	60		60		-		-	-	-	-	-	-	-	-	-	-
	K	40		40		-		-	-	-	-	-	-	-	-	-	-
MOISTURE % AT PLANT HEIGHT (cm) EAR HEIGHT (cm) GRAIN SHELLING % STAND AT HARVEST																	
Sl No	PEDIGREE	MOISTURE % AT			PLANT HEIGHT (cm)			EAR HEIGHT (cm)			GRAIN SHELLING %			STAND AT HARVEST			
		BAJA	KANG	MEAN	BAJA	KANG	MEAN	BAJA	KANG	MEAN	BAJA	KANG	MEAN	BAJA	KANG	MEAN	
1	VL Makka 42	17.9	21.7	19.8	186	212	199	105	77	91	83.7	80.0	81.8	67	50	59	
2	HIM 129	19.8	23.3	21.5	173	195	184	83	78	80	81.8	82.5	82.1	67	51	59	
3	Vivek Hybrid 5	17.2	23.0	20.1	200	205	203	92	75	84	83.5	83.0	83.3	62	51	57	
4	Vivek Hybrid 9	18.2	22.2	20.2	197	223	210	92	79	86	83.9	84.0	83.9	70	51	61	
5	Vivek Hybrid 15	17.9	23.1	20.5	165	211	188	78	77	78	82.2	81.0	81.6	65	50	58	
6	Vivek Hybrid 21	18.3	22.7	20.5	193	216	205	82	76	79	85.1	82.0	83.6	65	50	58	
7	Vivek Hybrid 23	18.0	23.2	20.6	189	217	203	89	77	83	85.0	83.5	84.3	58	51	54	
8	FH 3248	19.3	22.2	20.8	193	216	205	84	78	81	84.2	83.5	83.9	65	52	59	
	MEAN LOCATION	18.3	22.7	20.5	187	212	199	88	77	83	83.7	82.4	83.1	65	51	58	
	C.D. AT 5%=	0.6	2.2	1.4	13.8	17.8	15.8	12.7	8.2	10.5	0.6	2.2	1.4	10.1	3.8	7.0	
	C.V. % =	1.8	5.6	-	4.2	4.8	-	6.3	6.1	-	0.4	1.5	-	8.9	4.3	-	
	F (Prob)	.000	.708	-	.001	.101	-	.013	.983	-	.000	.021	-	.380	.940	-	

TABLE NO. 54

PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS AT LUDHIANA, KARNAL, KANPUR IN ZONAL TRIAL No. TR201 DURING KHARIF (2007)

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE										GRAIN YIELD % SUPERIORITY OVER THE PARBHAT			ZN 2 MEAN	
		LUDH	KARN	R	KANP	R	KANP	R	MEAN	OV'L MEAN	R	LUDH	KARN	KANP		
1	J H - 11690	7598	9	8683	2	5638	8	7306	7	7306	7	-	23.44	-	-	3.15
2	J H - 11662	10420	3	6782	8	5682	7	7628	4	7628	4	26.09	-	-	7.70	
3	J H - 11652	10046	4	6747	10	6568	2	7787	3	7787	3	21.56	-	10.37	9.94	
4	J H - 11925	9211	5	7930	5	5372	14	7504	5	7504	5	11.45	12.74	-	5.95	
5	J H - 11858	12129	1	7641	6	5848	6	8539	2	8539	2	46.77	8.62	-	20.56	
6	H K M - 400	11687	2	8961	1	5399	12	8682	1	8682	1	41.41	27.39	-	22.58	
7	A H - 7215	5171	14	6754	9	6808	1	6244	12	6244	12	-	-	14.40	-	
8	A H - 7315	6210	10	6370	11	6549	3	6377	11	6377	11	-	-	10.06	-	
9	A H - 7317	5981	11	6338	12	6060	4	6127	13	6127	13	-	-	1.84	-	
10	A H - 7331	5807	12	8097	4	5601	10	6502	10	6502	10	-	15.11	-	-	
CHECKS:																
11	PARBHAT	8264	7	7034	7	5951	5	7083	8	7083	8	-	-	-	-	-
12	SEEDTEC - 2324	8799	6	8319	3	5389	13	7502	6	7502	6	6.46	18.27	-	5.92	-
13	P H M - 1	5697	13	6136	13	5596	11	5810	14	5810	14	-	-	-	-	-
14	PRO - 311	7927	8	6098	14	5607	9	6544	9	6544	9	-	-	-	-	-
	MEAN YIELD=	8211		7278		5862		7117		7117						
	MEAN STAND	37		26		36		33		33						
	C.D. AT 5%=	983		1046		658		896		896						
	C.V. % =	8.38		10.07		6.70		-		-						
	F (Prob)	.000		.000		.000		-		-						
	PLOT SIZE=	4.80		5.60		4.80		-		-						
AGRONOMY DATA:																
	SOWING DATE (2007)	3-07		1-07		19-07		-		-						
	HARVEST DATE (2007)	17-10		3-10		30-10		-		-						
	IRRIGATION Nos	6		5		-		-		-						
	FERTILIZER APPLIED N	125		150		100		-		-						
	P	60		60		50		-		-						
	K	-		60		50		-		-						

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : DELH 27.8% ; PANT 24.1%

TABLE NO. 54 (CONT.)

S1 No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE SEEDTEC - 2324				P H M - 1				PRO - 311			
		LU DH	KARN	KANP	MEAN	LU DH	KARN	KANP	MEAN	LU DH	KARN	KANP	MEAN
1	J H - 11690	-	4.37	4.62	-	33.37	41.50	0.76	25.76	-	42.39	0.56	11.65
2	J H - 11662	18.43	-	5.43	1.68	82.91	10.52	1.54	31.30	31.46	11.22	1.34	16.57
3	J H - 11652	14.8	-	21.87	3.80	76.34	9.95	17.37	34.03	26.74	10.64	17.14	19.00
4	J H - 11925	4.59	-	-	0.03	61.69	29.23	-	29.17	16.20	30.04	-	14.68
5	J H - 11858	37.46	-	8.51	13.82	112.91	24.51	4.51	46.98	53.02	25.29	4.30	30.49
6	H K M - 400	32.83	7.71	0.18	15.73	105.15	46.02	-	49.44	47.44	46.94	-	32.68
7	A H - 7215	-	-	26.32	-	-	10.06	21.66	7.48	-	10.75	21.42	-
8	A H - 7315	-	-	21.53	-	9.01	3.81	17.04	9.76	-	4.46	16.81	-
9	A H - 7317	-	-	12.46	-	5.00	3.28	8.30	5.46	-	3.93	8.09	-
10	A H - 7331	-	-	3.94	-	1.94	31.94	0.10	11.91	-	32.77	-	-
CHECKS:													
11	PARBHAT	-	-	10.42	-	45.07	14.63	6.34	21.92	4.26	15.35	6.13	8.24
12	SEEDTEC - 2324	-	-	-	-	54.45	35.57	-	29.13	11.00	36.42	-	14.64
13	P H M - 1	-	-	3.84	-	-	-	-	-	-	0.63	-	-
14	PRO - 311	-	-	4.04	-	39.14	-	0.20	12.64	-	-	-	-
CHECKS:													
S1 No	PEDIGREE	DAYS TO 50% POLLEN SHED				DAYS TO 50% SILKING				DAYS TO 75% DRY HUSK			
		LU DH	KARN	KANP	MEAN	LU DH	KARN	KANP	MEAN	LU DH	KARN	KANP	MEAN
1	J H - 11690	60.8	53.8	52.7	55.7	62.3	56.3	56.3	58.3	95.5	88.3	98.0	93.9
2	J H - 11662	59.0	55.5	53.7	56.1	61.0	57.8	57.3	58.7	96.8	90.3	97.7	94.9
3	J H - 11652	59.3	56.3	53.0	56.2	61.5	57.5	56.0	58.3	95.3	90.3	97.3	94.3
4	J H - 11925	59.3	52.5	52.0	54.6	61.0	54.0	56.0	57.0	98.0	91.0	97.3	95.4
5	J H - 11858	60.3	56.0	53.0	56.4	61.3	57.3	56.7	58.4	97.0	89.8	98.3	95.0
6	H K M - 400	55.3	53.0	52.3	53.5	57.0	56.0	56.3	56.4	91.0	89.8	97.0	92.6
7	A H - 7215	50.8	50.8	50.0	50.5	52.0	53.5	53.7	53.1	86.8	87.8	97.3	90.6
8	A H - 7315	50.5	50.0	51.3	50.6	52.8	53.3	55.7	53.9	89.3	87.8	96.7	91.2
9	A H - 7317	48.5	51.0	52.7	50.7	50.8	53.0	56.3	53.4	91.0	87.8	96.3	91.7
10	A H - 7331	52.5	50.5	50.0	51.0	53.5	54.8	53.7	54.0	91.8	88.3	96.3	92.1
CHECKS:													
11	PARBHAT	52.3	54.5	51.0	52.6	53.8	57.5	54.7	55.3	94.0	88.8	96.0	92.9
12	SEEDTEC - 2324	56.5	54.8	54.0	55.1	58.0	57.5	57.7	57.7	95.5	89.5	98.0	94.3
13	P H M - 1	48.3	49.8	53.3	50.4	50.0	53.0	57.0	53.3	89.0	87.3	97.7	91.3
14	PRO - 311	56.8	52.5	52.7	54.0	58.5	54.0	56.7	56.4	93.8	87.5	96.7	92.6
MEAN LOCATION													
	C.D. AT 5%	3.3	1.0	1.0	1.8	3.8	2.5	1.3	2.5	2.1	2.2	1.8	2.0
	C.V. %	4.2	1.4	1.1	-	4.6	3.1	1.4	-	1.6	1.7	1.1	-
	F (Prob)	.000	.000	.000	-	.000	.000	.000	-	.000	.012	.291	-

TABLE NO. 54 (CONT.)

S1 NO PEDIGREE	MOISTURE % AT HARVEST		PLANT HEIGHT (cm)		EAR HEIGHT (cm)		GRAIN SHELLING %		STAND AT HARVEST										
	LU DH	KARN MEAN	LU DH	KARN MEAN	LU DH	KARN MEAN	LU DH	KARN MEAN	LU DH	KARN MEAN									
1 J H - 11690	28.2	31.6	29.8	170	190	171	177	90	103	85	93	77.8	95.7	74.5	82.7	37	27	36	33
2 J H - 11662	26.9	27.6	28.2	186	188	160	178	99	105	80	94	75.9	82.5	74.0	77.5	36	24	34	31
3 J H - 11652	29.1	31.7	30.9	193	188	142	174	96	108	64	89	74.1	83.5	73.5	77.0	37	26	38	33
4 J H - 11925	27.1	28.9	28.5	168	178	181	175	86	90	81	86	81.6	81.3	73.5	78.8	36	28	33	32
5 J H - 11858	29.8	28.1	29.0	203	188	166	185	98	108	72	92	78.6	81.4	74.5	78.2	38	26	36	33
6 H K M - 400	25.5	26.3	25.9	173	183	165	173	76	105	90	90	81.6	86.3	73.5	80.5	36	26	35	32
7 A H - 7215	21.9	25.0	23.4	163	180	185	176	78	105	81	88	66.7	82.7	74.5	74.6	38	27	37	34
8 A H - 7315	22.5	26.2	24.3	181	183	181	182	94	95	92	93	79.3	83.3	74.5	79.0	37	26	37	34
9 A H - 7317	23.0	26.0	24.5	159	188	194	180	91	105	78	92	78.6	79.7	74.5	77.6	39	25	36	33
10 A H - 7331	25.0	25.8	25.4	171	188	185	181	88	108	77	91	81.3	85.7	74.0	80.3	38	27	36	33
CHECKS:																			
11 PARBHAT	25.0	29.2	27.1	201	185	190	192	111	96	91	100	83.3	84.3	74.5	80.7	37	26	36	33
12 SEEDTEC - 2324	29.3	32.5	30.9	183	200	172	185	96	105	85	96	82.5	84.0	73.5	80.0	36	28	34	33
13 P H M - 1	24.0	26.7	25.4	159	173	201	177	76	90	98	88	76.9	78.9	74.0	76.6	36	25	35	32
14 PRO - 311	30.3	28.9	29.6	163	175	175	171	91	93	72	85	75.5	79.1	74.0	75.2	40	27	36	34
MEAN LOCATION																			
C D. AT 5%	1.0	0.0	0.5	23.0	19.8	15.2	19.3	19.5	16.0	10.3	15.3	0.0	0.0	0.0	0.2	3.5	2.1	1.2	2.3
C.V. %	2.8	0.0	-	9.1	7.5	5.1	-	15.0	11.1	7.5	-	0.0	0.0	0.0	0.6	6.5	5.6	2.0	-
F (Prob)	.000	.000	-	.001	.460	.000	-	.043	.192	.000	-	.000	.000	.010	-	.463	.018	.000	-

TABLE NO. 55

PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DELHI LUDHIANA, KARNAL, PANTNAGAR, KANPUR IN ZONAL TRIAL No. TR202 DURING KHARIF (2007).

S1 No PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												ZN 2	
	DELH	R	LUDH	R	KARN	R	PANT	R	KANP	R	MEAN	R	MEAN	R
1 J H - 11797	5849	2	9429	5	7845	4	4321	3	7545	1	6998	1	6998	1
2 J H - 11832	5758	3	9672	3	8432	3	3896	8	6664	4	6884	2	6884	2
3 J H - 31038	4937	8	7053	10	4049	14	3906	7	5623	7	5114	11	5114	11
4 J H - 31150	4711	10	9717	2	7184	5	5915	1	5580	8	6621	4	6621	4
5 J H - 31196	5409	6	11751	1	6427	7	3571	9	7191	3	6870	3	6870	3
6 J H - 31240	5643	5	9644	4	7021	6	4118	5	5037	11	6293	7	6293	7
7 J H - 31242	5850	1	9384	6	8601	2	4246	4	4136	14	6444	5	6444	5
8 H K M - 301 - 14	4732	9	3379	14	6271	8	3176	12	5102	9	4532	13	4532	13
9 R - 2006 - 4	4069	13	5624	12	6098	11	3464	10	4138	13	4678	12	4678	12
10 A H - 601 (RABI)	4142	12	7589	7	6202	10	4026	6	7232	2	5838	8	5838	8
11 A H - 7307	5006	7	5910	11	6243	9	3178	11	6406	6	5349	9	5349	9
12 H K H - 301	5696	4	7375	9	5029	13	3048	13	5066	10	5243	10	5243	10
CHECKS:														
13 B I O - 9637	4411	11	7460	8	8954	1	4433	2	6544	5	6360	6	6360	6
14 NAVJOT	3954	14	4708	13	5819	12	2797	14	4765	12	4409	14	4409	14
MEAN YIELD=	5012		7764		6727		3864		5788		5831		5831	
MEAN STAND	25		37		27		26		36		30		30	
C.D. AT 5%	1463		969		1086		1097		669		1056		1056	
C.V. %	17.42		7.45		11.30		19.88		6.90		-		-	
F (Prob)	.103		.000		.000		.001		.000		-		-	
PLOT SIZE=	6.00		4.80		5.60		6.00		4.80		-		-	
AGRONOMY DATA:														
SOWING DATE (2007)	25-06		3-07		1-07		2-07		19-07		-		-	
HARVEST DATE (2007)	-		17-10		2-10		30-10		27-10		-		-	
IRRIGATION Nos	-		6		5		3		-		-		-	
FERTILIZER APPLIED N	120		125		150		120		100		-		-	
P	80		60		60		60		50		-		-	
K	60		-		60		40		50		-		-	

TABLE NO. 55 (CONT.)

S1 No PEDIGREE	GRAIN YIELD %		SUPERIORITY		THE NAVJOT		OVER ZN 2		PANT		KARN		LU DH		KARN		PANT		KARNP		ZN 2			
	DELH	LU DH	KARN	PANT	KARNP	MEAN	DELH	LU DH	KARN	PANT	KARNP	MEAN	DELH	LU DH	KARN	PANT	KARNP	MEAN	DELH	LU DH	KARN	PANT	KARNP	MEAN
1 J H - 11797	32.60	26.40	-	-	15.30	10.03	47.94	100.29	34.82	54.47	58.33	58.73	47.94	100.29	34.82	54.47	58.33	58.73	47.94	100.29	34.82	54.47	58.33	58.73
2 J H - 11832	30.53	29.65	-	-	1.84	8.24	45.63	105.45	44.89	39.28	39.84	56.15	45.63	105.45	44.89	39.28	39.84	56.15	45.63	105.45	44.89	39.28	39.84	56.15
3 J H - 31038	13.93	-	-	-	-	-	24.87	49.82	-	39.64	17.99	15.99	24.87	49.82	-	39.64	17.99	15.99	24.87	49.82	-	39.64	17.99	15.99
4 J H - 31150	6.81	30.26	-	33.43	-	4.11	19.16	106.40	23.46	111.45	17.09	50.19	19.16	106.40	23.46	111.45	17.09	50.19	19.16	106.40	23.46	111.45	17.09	50.19
5 J H - 31196	22.63	57.52	-	-	9.90	8.01	36.81	149.61	10.44	27.65	50.91	55.82	36.81	149.61	10.44	27.65	50.91	55.82	36.81	149.61	10.44	27.65	50.91	55.82
6 J H - 31240	27.93	29.28	-	-	-	-	42.72	104.86	20.66	47.23	5.70	42.74	42.72	104.86	20.66	47.23	5.70	42.74	42.72	104.86	20.66	47.23	5.70	42.74
7 J H - 31242	32.63	25.80	-	-	-	1.31	47.97	99.34	47.80	51.80	-	46.16	47.97	99.34	47.80	51.80	-	46.16	47.97	99.34	47.80	51.80	-	46.16
8 H K M - 301 - 14	1.27	-	-	-	-	-	19.68	-	7.76	13.54	7.07	2.79	19.68	-	7.76	13.54	7.07	2.79	19.68	-	7.76	13.54	7.07	2.79
9 R - 2006 - 4	-	-	-	-	-	-	2.91	19.47	4.78	23.82	-	6.12	2.91	19.47	4.78	23.82	-	6.12	2.91	19.47	4.78	23.82	-	6.12
10 A H - 601 (RABI)	-	1.74	-	-	10.53	-	4.76	61.21	6.57	43.93	51.77	32.43	4.76	61.21	6.57	43.93	51.77	32.43	4.76	61.21	6.57	43.93	51.77	32.43
11 A H - 7307	13.50	-	-	-	-	-	26.62	25.54	7.29	13.61	34.44	21.32	26.62	25.54	7.29	13.61	34.44	21.32	26.62	25.54	7.29	13.61	34.44	21.32
12 H K H - 301	26.13	-	-	-	-	-	44.06	56.67	-	8.98	6.31	18.92	44.06	56.67	-	8.98	6.31	18.92	44.06	56.67	-	8.98	6.31	18.92
CHECKS:																								
13 B I O - 9637	-	-	-	-	-	-	11.56	58.46	53.87	58.47	37.32	44.27	11.56	58.46	53.87	58.47	37.32	44.27	11.56	58.46	53.87	58.47	37.32	44.27
14 NAVJOT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DAYS TO 50% POLLEN SHED

DAYS TO 50% SILKING

S1 No PEDIGREE	DELH		LU DH		KARN		PANT		KARNP		ZN 2		DELH		LU DH		KARN		PANT		KARNP		ZN 2	
	DELH	LU DH	KARN	PANT	KARNP	MEAN	DELH	LU DH	KARN	PANT	KARNP	MEAN	DELH	LU DH	KARN	PANT	KARNP	MEAN	DELH	LU DH	KARN	PANT	KARNP	MEAN
1 J H - 11797	61.7	60.3	56.5	62.0	53.7	58.8	65.7	62.0	60.0	66.8	57.7	62.4	65.7	62.0	60.0	66.8	57.7	62.4	65.7	62.0	60.0	66.8	57.7	62.4
2 J H - 11832	57.3	58.0	54.3	58.0	54.0	56.3	60.7	59.0	56.3	64.5	58.0	59.7	60.7	59.0	56.3	64.5	58.0	59.7	60.7	59.0	56.3	64.5	58.0	59.7
3 J H - 31038	54.3	50.7	48.3	51.8	54.7	51.9	58.7	51.7	50.8	57.0	55.3	55.3	58.7	51.7	50.8	57.0	55.3	55.3	58.7	51.7	50.8	57.0	55.3	55.3
4 J H - 31150	58.0	54.7	53.8	54.3	54.0	54.9	61.3	56.3	56.8	59.5	58.4	58.4	61.3	56.3	56.8	59.5	58.0	58.4	61.3	56.3	56.8	59.5	58.0	58.4
5 J H - 31196	54.0	51.0	48.0	53.8	55.0	52.3	58.0	52.0	50.5	57.5	55.4	55.4	58.0	52.0	50.5	57.5	59.0	55.4	58.0	52.0	50.5	57.5	59.0	55.4
6 J H - 31240	57.7	53.7	49.8	55.3	54.3	54.1	60.7	55.3	52.0	59.3	57.0	57.0	60.7	55.3	52.0	59.3	57.7	57.0	60.7	55.3	52.0	59.3	57.7	57.0
7 J H - 31242	57.0	54.3	48.5	55.0	53.3	53.6	60.0	55.7	51.0	58.8	57.3	56.5	60.0	55.7	51.0	58.8	57.3	56.5	60.0	55.7	51.0	58.8	57.3	56.5
8 H K M - 301 - 14	56.7	53.3	49.0	56.5	54.3	54.0	60.3	55.0	51.5	61.0	58.3	57.2	60.3	55.0	51.5	61.0	58.3	57.2	60.3	55.0	51.5	61.0	58.3	57.2
9 R - 2006 - 4	53.3	52.3	48.5	53.5	54.0	52.3	57.0	53.3	51.0	58.5	57.7	55.5	57.0	53.3	51.0	58.5	57.7	55.5	57.0	53.3	51.0	58.5	57.7	55.5
10 A H - 601 (RABI)	57.3	53.7	48.8	54.5	54.0	53.7	61.0	55.3	51.5	58.8	58.0	56.9	61.0	55.3	51.5	58.8	58.0	56.9	61.0	55.3	51.5	58.8	58.0	56.9
11 A H - 7307	54.3	51.7	47.5	53.0	54.3	52.2	59.0	52.7	50.5	55.5	55.2	55.2	59.0	52.7	50.5	55.5	55.2	55.2	59.0	52.7	50.5	55.5	55.2	55.2
12 H K H - 301	54.0	52.0	48.0	55.5	54.7	52.8	58.0	53.7	51.0	59.0	58.7	56.1	58.0	53.7	51.0	59.0	58.7	56.1	58.0	53.7	51.0	59.0	58.7	56.1
CHECKS:																								
13 B I O - 9637	57.3	54.0	49.0	54.5	52.7	53.5	59.7	56.3	51.3	59.3	57.0	56.7	59.7	56.3	51.3	59.3	57.0	56.7	59.7	56.3	51.3	59.3	57.0	56.7
14 NAVJOT	54.0	51.3	47.0	52.5	54.3	51.8	57.7	52.0	49.8	56.8	58.3	54.9	57.7	52.0	49.8	56.8	58.3	54.9	57.7	52.0	49.8	56.8	58.3	54.9
MEAN LOCATION																								
C.D. AT 5% =	2.8	2.5	1.2	3.0	1.3	2.2	2.1	2.8	1.3	2.3	1.2	1.9	2.1	2.8	1.3	2.3	1.2	1.9	2.1	2.8	1.3	2.3	1.2	1.9
C.V. % =	3.0	2.8	1.7	3.8	1.5	-	2.1	3.1	1.8	2.7	1.3	-	2.1	3.1	1.8	2.7	1.3	-	2.1	3.1	1.8	2.7	1.3	-
F (Prob)	.000	.000	.000	.000	.127	-	.000	.000	.000	.000	.115	-	.000	.000	.000	.000	.115	-	.000	.000	.000	.000	.115	-

TABLE NO. 55 (CONT.)

S1 No	PEDIGREE	DAYS TO 75% DRY HUSK						MOISTURE % AT HARVEST						PLANT HEIGHT (cm)					
		LUH	KARN	PANT	KANP	MEAN	ZN 2	DELH	LUDH	KARN	PANT	MEAN	ZN 2	DELH	LUDH	KARN	PANT	KANP	MEAN
1	J H - 11797	99.0	91.5	93.3	83.0	91.7	32.0	30.1	34.2	24.6	30.2	245	207	220	213	204	218		
2	J H - 11832	96.7	91.0	91.3	84.0	90.7	36.8	28.5	31.0	25.7	30.5	207	192	175	193	174	188		
3	J H - 31038	88.3	84.0	90.8	82.7	86.4	21.4	22.0	31.8	25.2	25.1	208	182	183	181	181	187		
4	J H - 31150	96.7	91.8	91.5	84.0	91.0	34.5	30.3	30.9	25.0	30.2	195	158	170	186	191	180		
5	J H - 31196	93.0	83.5	89.6	85.0	87.8	20.2	27.2	29.8	26.5	25.9	208	177	175	184	178	184		
6	J H - 31240	97.7	85.3	93.0	83.3	89.8	30.1	28.3	32.5	24.2	28.8	202	167	180	185	166	180		
7	J H - 31242	90.7	84.5	92.5	82.3	87.3	23.7	27.5	30.0	26.2	26.8	208	172	185	185	186	187		
8	H K M - 301 - 14	88.3	83.5	85.3	84.0	85.3	21.1	21.0	28.1	25.3	23.9	210	155	178	178	195	183		
9	R - 2006 - 4	91.0	82.8	91.3	83.0	87.0	17.4	20.6	29.6	26.5	23.5	195	163	183	181	190	182		
10	A H - 601 (RABI)	93.0	84.8	89.8	85.0	88.1	23.6	26.0	27.5	23.7	25.2	215	163	173	188	209	189		
11	A H - 7307	91.3	84.5	88.3	85.0	87.3	24.4	21.8	29.0	26.4	25.4	213	170	144	181	195	181		
12	H K H - 301	91.7	84.3	90.8	85.0	87.9	26.4	25.7	32.2	24.6	27.2	213	157	165	173	190	180		
CHECKS:																			
13	B I O - 9637	92.3	84.8	90.0	83.0	87.5	27.4	26.5	29.7	24.5	27.0	230	183	210	206	175	201		
14	NAVJOT	92.7	81.8	89.8	84.7	87.2	27.2	23.0	28.3	23.7	25.5	213	160	195	188	188	189		
MEAN LOCATION		93.0	85.6	90.5	83.9	88.2	26.2	25.6	30.3	25.1	26.8	212	172	181	187	187	198		
C.D. AT 5%		1.3	1.9	6.0	1.1	2.6	0.0	2.1	0.0	1.6	0.9	25.1	28.6	36.2	13.6	1.3	21.0		
C.V. %		0.4	1.5	4.7	0.8	-	0.0	4.9	0.0	4.5	-	7.1	9.9	14.0	5.1	0.4	-		
F (Prob)		.003	.000	.522	.000	-	.000	.000	.000	.003	-	.038	.035	.034	.000	.000	-		

S1 No	PEDIGREE	EAP HEIGHT (cm)						GRAIN SHELLING %						STAND AT HARVEST					
		DELH	LUH	KARN	PANT	KANP	MEAN	LUH	KARN	PANT	MEAN	ZN 2	DELH	LUDH	KARN	PANT	KANP	MEAN	ZN 2
1	J H - 11797	135	108	115	81	101	108	78.9	78.5	80.8	77.0	78.8	27	39	30	25	38	32	
2	J H - 11832	115	102	98	74	80	94	76.8	81.3	80.8	75.5	78.6	28	38	27	26	36	31	
3	J H - 31038	97	83	88	71	88	85	80.9	40.0	83.9	73.5	69.6	30	40	29	23	35	31	
4	J H - 31150	103	78	93	75	80	86	85.7	82.3	81.4	73.5	80.7	20	38	28	26	35	29	
5	J H - 31196	98	82	85	70	91	85	85.4	80.0	79.6	76.0	80.2	20	37	25	27	37	29	
6	J H - 31240	100	92	95	68	85	84	84.2	84.0	79.6	72.5	80.1	24	37	25	28	34	30	
7	J H - 31242	110	90	95	69	94	92	83.3	83.7	80.3	70.0	79.3	20	37	26	27	34	29	
8	H K M - 301 - 14	100	83	90	56	80	78	69.6	83.8	82.2	72.5	77.0	29	37	27	25	35	31	
9	R - 2006 - 4	90	77	93	63	96	84	68.4	81.4	83.1	70.5	75.9	20	35	27	28	34	29	
10	A H - 601 (RABI)	120	85	93	76	95	94	75.0	82.6	82.3	76.0	79.0	27	36	27	26	30	31	
11	A H - 7307	123	82	103	68	87	92	83.3	81.3	76.8	73.0	78.6	27	38	29	29	36	32	
12	H K H - 301	108	68	95	70	80	84	80.7	83.1	79.3	72.5	78.9	26	36	25	26	34	29	
CHECKS:																			
13	B I O - 9637	118	75	113	78	76	92	83.3	85.7	81.1	74.5	81.2	28	37	27	26	36	31	
14	NAVJOT	87	85	108	73	85	87	71.4	78.2	83.8	72.0	76.4	27	36	27	27	35	31	
MEAN LOCATION		108	82	97	71	87	89	79.1	79.0	81.1	73.5	78.2	25	37	27	26	36	30	
C.D. AT 5%		21.3	19.0	19.7	9.6	0.9	14.1	0.0	0.0	2.4	1.2	0.9	9.6	3.2	3.2	5.8	1.5	4.5	
C.V. %		11.8	13.7	14.2	9.5	0.6	-	0.0	0.0	2.1	1.0	-	22.7	5.1	5.8	15.4	2.5	-	
F (Prob)		.003	.004	.095	.001	.000	-	.000	.000	.000	.000	-	.295	.358	.003	.873	.000	-	

TABLE NO. 56

PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DELHI, LU DHIANA, KARNAL, PANTNAGAR, KANPUR IN ZONAL TRIAL No. TR203 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE										GRAIN YIELD & SUPERIORITY OVER THE							
		DELH	R	LU DH	R	KARN	R	PANT	R	KANP	R	DELH	LU DH	KARN	PANT	KANP	ZN 2 MEAN	ZN 2 MEAN	
1	J H - 31197	4574	3	4669	2	5843	4	2806	11	6692	2	4917	3	18.49	16.57	18.33	-	80.41	22.19
2	J H - 31192	4521	4	4963	1	6216	1	2975	10	6453	4	5026	2	17.13	23.90	25.88	-	73.96	24.89
3	R - 206 - 5	4491	6	3748	9	5170	10	3248	7	4538	10	4239	10	16.35	-	4.70	-	22.33	5.34
4	A H - 7207	4829	1	4455	3	6032	2	3163	9	6680	3	5031	1	25.10	11.21	22.14	-	80.06	25.03
5	A H - 7211	4766	2	3772	8	6000	3	3763	1	5060	8	4672	4	23.47	-	21.50	4.32	36.40	16.10
6	A H - 7221	3949	8	3787	7	5343	9	3245	8	6815	1	4628	5	2.31	-	8.20	-	83.72	15.01
7	A H - 7223	4512	5	3817	6	5470	8	3530	5	5137	7	4493	7	16.90	-	10.77	-	38.48	11.66
8	A H - 7333	3882	9	3127	11	5583	7	3543	4	5748	6	4377	9	0.57	-	13.06	-	54.95	8.76
9	A H - 629	4229	7	4035	4	5679	6	3643	2	5013	9	4520	6	9.56	0.74	15.01	1.00	35.13	12.32
CHECKS:																			
10	PARKASH	3860	10	4006	5	4938	11	3607	3	3710	11	4024	11	-	-	-	-	-	-
11	KIRAN	4607	11	3412	10	5747	5	3336	6	6025	5	4426	8	-	-	16.38	-	62.42	9.98
	MEAN YIELD=	4293		3981		5638		3351		5625		4578							
	MEAN STAND	26		27		26		28		35		28							
	C.D. AT 5%=	402		910		980		1105		2321		1344							
	C.V. %	13.24		15.87		12.07		22.89		24.30		-							
	F (Prob)	312		.012		.196		.768		.077		-							
	PLOT SIZE=	1.00		5.46		5.60		6.00		4.80		-							
AGRONOMY DATA:																			
	SOWING DATE (2007)	24-06		19-07		1-07		2-07		19-07		-							
	HARVEST DATE (2007)	-		25-10		21-09		30-10		26-10		-							
	IRRIGATION Nos	-		-		4		3		-		-							
	FERTILIZER APPLIED N	120		80		150		120		100		-							
	P	80		40		60		60		50		-							
	K	60		-		60		40		50		-							

TRIALS PLANNED AT DELHI, LU DHIANA, KARNAL, PANTNAGAR, KANPUR

TABLE NO. 56 (CONT.)

SI	No PEDIGREE	RAIN YIELD & SUPERIORITY OVER THE KIRAN						DAYS TO 50% POLLEN SHED									
		DELH	LUDH	KARN	PANT	KANP	ZN 2 MEAN	DELH	LUDH	KARN	PANT	KANP	ZN 2 MEAN				
1	J H - 31197	2.79	36.86	1.67	-	11.08	11.11	48.8	47.8	49.5	53.7	50.3					
2	J H - 31192	2.33	45.46	8.16	-	7.11	13.56	47.8	47.8	51.5	52.3	50.1					
3	R - 206 - 5	24.50	9.84	-	-	-	-	49.0	49.0	52.5	54.3	51.8					
4	A H - 7207	3.86	30.56	4.95	-	10.86	13.69	48.0	47.5	52.3	53.7	50.8					
5	A H - 7211	3.11	10.55	4.40	12.77	-	5.57	48.8	47.8	50.5	53.0	50.4					
6	A H - 7221	1.47	11.00	-	-	13.12	4.57	50.5	48.8	49.3	54.3	51.4					
7	A H - 7223	2.08	11.86	-	5.81	-	1.53	50.3	48.0	49.3	53.0	51.2					
8	A H - 7333	.61	-	-	6.21	-	-	50.0	48.0	53.3	55.3	52.0					
9	A H - 629	1.24	18.27	-	9.18	-	2.13	50.8	48.5	54.0	55.3	52.5					
CHECKS:																	
10	PARKASH	1.00	17.40	-	8.11	-	-	48.5	47.3	51.3	53.0	50.7					
11	KIRAN	-	-	-	-	-	-	49.3	48.5	49.8	52.7	50.6					
MEAN LOCATION																	
	C.D. AT 5%	-	-	-	-	-	-	49.2	48.1	51.2	53.7	51.1					
	C.V. %	-	-	-	-	-	-	1.6	1.2	4.1	1.0	2.1					
	F (Prob)	-	-	-	-	-	-	2.3	1.7	5.5	1.1	-					
		-	-	-	-	-	-	.005	.102	.224	.000	-					
SI	No PEDIGREE	DAYS TO 50% SILKING						MOISTURE % AT HARVEST									
		DELH	LUDH	KARN	PANT	KANP	ZN 2 MEAN	DELH	LUDH	KARN	PANT	KANP	ZN 2 MEAN				
1	J H - 31197	56.0	49.5	50.8	56.0	55.0	53.5	81.0	80.8	91.3	77.7	82.7	29.6	30.5	31.2	23.4	28.7
2	J H - 31192	55.3	48.3	50.3	57.5	56.0	53.5	80.5	80.0	92.0	78.3	82.7	25.6	29.1	29.4	24.8	27.2
3	R - 206 - 5	58.3	50.0	51.3	56.3	58.3	54.8	81.8	81.0	90.8	79.3	83.2	20.0	29.9	32.2	23.7	26.5
4	A H - 7207	57.7	48.8	50.3	58.5	57.3	54.5	81.5	80.8	92.0	79.0	83.3	22.4	27.6	31.1	26.0	26.8
5	A H - 7211	57.0	49.8	50.3	55.3	57.3	53.9	81.0	81.0	90.0	78.0	82.5	28.1	26.3	30.9	24.2	27.4
6	A H - 7221	58.7	51.5	51.5	56.8	58.3	55.3	85.0	80.3	90.8	79.7	83.9	25.6	29.8	32.1	25.5	28.3
7	A H - 7223	59.5	51.3	50.5	56.5	56.3	54.8	82.5	80.8	91.3	79.7	83.5	20.1	28.0	30.3	24.2	25.6
8	A H - 7333	58.0	51.0	50.8	57.0	59.3	55.2	81.8	81.8	88.5	80.0	83.0	23.5	28.5	30.9	25.5	27.1
9	A H - 629	57.7	52.3	50.8	57.8	59.3	55.5	84.8	80.5	90.5	80.3	84.0	26.0	30.1	31.2	24.2	27.9
CHECKS:																	
10	PARKASH	57.3	48.5	49.8	55.3	56.3	53.4	79.8	80.5	86.5	77.0	81.4	23.6	29.6	30.0	24.6	27.0
11	KIRAN	58.3	50.5	50.8	56.5	56.7	54.5	82.3	80.5	90.3	77.3	82.6	26.2	27.0	29.8	25.5	27.1
MEAN LOCATION																	
	C.D. AT 5%	1.6	1.8	1.3	2.9	2.5	2.0	2.1	1.3	3.1	1.5	2.0	0.0	0.9	0.0	1.1	0.5
	C.V. %	1.6	2.5	1.8	3.6	2.6	-	1.8	1.1	2.4	1.1	-	0.0	2.1	0.0	3.1	-
	F (Prob)	.002	.001	.328	.472	.029	-	.000	.465	.333	.001	-	.000	.000	.000	.000	-

TABLE NO. 56 (CONT.)

SI NO PEDIGREE	PLANT HEIGHT (cm)					EAR HEIGHT (cm)					ZN 2		
	DELH	LUDH	KARN	PANT	KANP	DELH	LUDH	KARN	PANT	KANP	PANT	KANP	MEAN
	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN
1 J H - 31197	207	188	170	185	185	98	95	90	66	85	87	87	87
2 J H - 31192	202	185	168	169	194	87	98	85	55	92	83	83	83
3 R - 206 - E	225	189	175	191	191	110	109	88	61	84	90	90	90
4 A H - 7207	217	191	190	176	174	108	99	105	56	80	90	90	90
5 A H - 7211	217	198	193	205	205	115	109	103	71	90	98	98	98
6 A H - 7221	207	188	180	190	210	103	105	93	73	125	100	100	100
7 A H - 7223	220	193	193	199	175	112	116	105	73	88	99	99	99
8 A H - 7333	193	195	188	195	181	107	121	108	75	94	101	101	101
9 A H - 629	217	191	193	181	201	108	118	105	68	88	97	97	97
CHECKS:													
10 PARKASH	200	183	170	188	207	98	108	90	74	105	95	95	95
11 KIRAN	225	175	183	178	154	122	99	93	63	95	94	94	94
MEAN LOCATION	212	189	182	187	189	106	107	97	67	93	94	94	94
C.D. AT 5%	21.8	23.2	15.1	18.1	23.9	18.6	14.9	16.1	13.7	18.3	16.3	16.3	16.3
C.V. %	6.1	8.5	5.8	6.7	7.4	10.3	9.7	11.5	14.3	11.5	-	-	-
F (Prob)	.083	.800	.003	.012	.002	.061	.011	.041	.045	.004	-	-	-

SI NO PEDIGREE	GRAIN SHELLING %					STAND AT HARVEST					ZN 2		
	KARN	PANT	KANP	PANT	KANP	DELH	LUDH	KARN	PANT	KANP	PANT	KANP	MEAN
	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN
1 J H - 31197	79.4	76.9	73.2	76.5	31	27	26	28	34	29	29	29	29
2 J H - 31192	84.6	80.5	76.0	80.4	27	28	25	25	36	28	28	28	28
3 R - 206 - 5	84.6	82.2	71.5	79.4	24	27	25	30	33	28	28	28	28
4 A H - 7207	78.1	81.2	74.8	78.0	30	27	25	28	37	29	29	29	29
5 A H - 7211	81.8	82.4	73.0	79.1	28	24	27	26	35	28	28	28	28
6 A H - 7221	80.0	79.6	77.0	78.9	21	26	25	26	37	27	27	27	27
7 A H - 7223	70.0	79.1	74.0	74.4	26	29	28	27	35	29	29	29	29
8 A H - 7333	86.5	78.7	74.0	79.7	25	27	26	31	35	29	29	29	29
9 A H - 629	82.7	82.3	73.0	79.3	19	25	25	28	35	26	26	26	26
CHECKS:													
10 PARKASH	80.0	77.7	71.5	76.4	30	28	26	26	35	29	29	29	29
11 KIRAN	81.4	80.5	74.5	78.8	29	28	26	31	36	30	30	30	30
MEAN LOCATION	80.8	80.1	73.9	78.3	26	27	26	28	35	28	28	28	28
C.D. AT 5%	0.0	2.3	2.7	1.9	9.1	5.9	2.5	7.2	1.1	-	-	-	-
C.V. %	0.0	2.0	2.1	-	20.3	15.3	6.8	18.0	1.9	-	-	-	-
F (Prob)	.000	.000	.008	-	.207	.859	.309	.703	.000	-	-	-	-

TABLE NO. 57

PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS AT DELHI, LU DHIANA, KARNAL, PANTNAGAR IN ZONAL TRIAL No. TR204 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												GRAIN YIELD % SUPERIORITY OVER THE					
		DELH R			LU DH R			KARN R			PANT R			H I M - 129			Z N 2		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	J H - 11658	6495	1	7315	1	7046	1	4925	1	6445	1	100.63	85.19	69.83	23.10	68.10			
2	A H - 613	4067	5	5779	3	5845	5	4057	2	4937	3	25.64	46.30	40.88	1.42	28.77			
3	A H - 614	4268	4	4987	5	6308	2	3761	4	4831	4	31.83	26.25	52.03	-	26.00			
4	A H - 618	3757	8	5059	4	6264	3	3751	5	4708	5	16.07	28.06	50.98	-	22.78			
5	A H - 619	4396	3	6001	2	6012	4	3668	6	5019	2	35.79	51.91	44.92	-	30.91			
6	R - 2006 - 3	3809	7	4172	7	5243	7	2784	8	4002	7	17.67	5.61	26.38	-	4.38			
7	PEXEHM - 5	4404	2	4405	6	5447	6	3259	7	4379	6	36.04	11.51	31.29	-	14.20			
CHECKS:																			
8	H I M - 129	3237	9	3950	8	4149	9	4000	3	3834	8	-	-	-	-	-			
9	SURYA	3907	6	3502	9	4601	8	2596	9	3652	9	20.70	-	10.90	-	-			
	MEAN YIELD=	4260		5019		5657		3645		4645									
	MEAN STAND	25		29		25		25		26									
	C.D. AT 5%	1546		1374		1013		1492		1356									
	C.V. %	21.06		18.84		12.31		28.17		-									
	F (Prob)	.041		.000		.000		.102		-									
	PLOT SIZE=	6.00		5.46		5.60		6.00		-									
AGRONOMY DATA:																			
	SOWING DATE (2007)	25-06		18-07		1-07		2-07		-									
	HARVEST DATE (2007)	-		28-10		21-09		1-11		-									
	IRRIGATION Nos	-		-		4		3		-									
	FERTILIZER APPLIED N	120		80		150		120		-									
	P	80		40		60		60		-									
	K	60		-		60		40		-									

- 348 -

TABLE NO. 57 (CONT.)

GRAIN YIELD & SUPERIORITY OVER THE SURYA DAYS TO 50% POLLEN SHED

S1 NO PEDIGREE	DAYS TO 50% POLLEN SHED			Zn 2						
	DELH	LUDH	KARN	PANT	MEAN	DELH	LUDH	KARN	PANT	MEAN
1 J H - 11658	56.22	108.86	53.13	89.67	76.49	58.0	51.5	46.0	55.0	52.6
2 A H - 613	4.10	65.01	27.03	56.26	35.20	54.0	47.3	47.0	52.5	50.2
3 A H - 614	9.22	42.39	37.09	44.86	32.29	52.7	45.3	45.5	48.8	48.0
4 A H - 618	-	44.44	36.13	44.46	28.91	54.0	46.3	46.5	53.3	50.0
5 A H - 619	12.50	71.33	30.67	41.29	37.45	55.7	48.8	47.0	50.8	50.5
6 R - 2006 - 3	-	19.11	13.96	7.23	9.59	53.3	46.3	46.5	53.0	49.8
7 PEXEHM - 5	12.71	25.76	18.38	25.53	19.91	52.7	44.3	45.5	53.0	48.9
CHECKS:										
8 H I M - 129	-	12.79	-	54.07	4.99	50.0	40.0	42.3	45.5	44.4
9 SURYA	-	-	-	-	-	50.3	41.8	47.3	47.0	46.6
MEAN LOCATION										
C.D. AT 5%	-	-	-	-	-	53.4	45.7	45.9	51.0	49.0
C.V. %	-	-	-	-	-	2.1	1.8	1.3	3.9	2.3
F (Prob)	-	-	-	-	-	2.3	2.8	1.9	5.2	-
	-	-	-	-	-	.000	.000	.000	.000	.000

DAYS TO 50% SILKING

S1 NO PEDIGREE	DAYS TO 50% SILKING			Zn 2			DAYS TO 75% DRY HUSK			MOISTURE & AT HARVEST					
	DELH	LUDH	KARN	PANT	MEAN	DELH	LUDH	KARN	PANT	MEAN	DELH	LUDH	KARN	PANT	MEAN
1 J H - 11658	60.7	51.8	48.8	60.0	55.3	85.5	81.3	90.0	85.6	26.1	30.5	31.9	23.1	27.9	
2 A H - 613	58.0	48.3	49.5	55.5	52.8	84.5	80.3	88.0	84.3	27.9	30.3	30.8	23.4	28.1	
3 A H - 614	57.7	45.8	48.0	56.8	52.0	82.5	80.0	89.3	83.9	21.2	30.3	29.1	25.6	26.5	
4 A H - 618	60.0	47.5	49.5	54.8	52.9	83.8	80.3	89.3	84.4	24.7	27.7	31.5	28.4	28.1	
5 A H - 619	59.7	50.3	49.5	55.8	53.8	87.0	80.6	88.5	85.4	29.5	30.4	33.6	24.6	29.5	
6 R - 2006 - 3	59.0	47.3	49.3	59.0	53.6	82.3	78.3	91.0	83.8	24.3	30.0	30.4	23.2	27.0	
7 PEXEHM - 5	56.7	45.3	48.3	55.8	51.5	82.0	79.8	90.0	83.9	25.3	29.6	30.0	27.3	28.0	
CHECKS:															
8 H I M - 129	53.3	41.0	44.5	52.5	47.8	76.5	77.5	87.5	80.5	17.2	21.8	29.1	26.1	23.6	
9 SURYA	54.3	42.8	50.3	55.0	50.6	73.3	79.5	88.3	80.3	15.5	25.6	30.2	27.0	24.6	
MEAN LOCATION															
C.D. AT 5%	3.3	1.9	1.6	3.2	2.5	4.0	1.7	2.6	2.8	0.7	0.5	0.8	0.8	0.7	
C.V. %	3.3	2.8	2.2	4.0	-	3.3	1.5	2.0	-	1.7	1.2	1.7	2.3	-	
F (Prob)	.002	.000	.000	.003	-	.000	.003	.180	-	.000	.000	.000	.000	.000	

TABLE NO. 57 (CONT.)

S1 No	PLANT HEIGHT (cm)		EAR HEIGHT (cm)		GRAIN SHELLING %		STAND AT HARVEST		ZN 2		
	DELH	KARN PANT MEAN	DELH	KARN PANT MEAN	KARN PANT MEAN	DELH LUDH KARN PANT MEAN	DELH	LUDH KARN PANT MEAN	DELH	LUDH KARN PANT MEAN	
1	J H ~ 11658	212 209 185 211 204	95 113 103 80 98	80 98	80.4 82.4 81.4	27 36 29 23 29	27	36	29	23	29
2	A H ~ 613	203 180 185 199 192	110 91 98 80 95	80 95	82.1 83.0 82.6	28 25 23 21 24	28	25	23	21	24
3	A H ~ 614	207 198 168 213 196	97 103 100 84 96	84 96	90.2 80.0 85.1	27 26 26 31 27	27	26	26	31	27
4	A H ~ 618	227 178 190 205 200	117 88 110 71 96	71 96	84.0 80.6 82.3	30 33 25 24 28	30	33	25	24	28
5	A H ~ 619	203 206 203 210 205	93 109 110 74 96	74 96	86.5 79.6 83.1	19 26 25 23 23	19	26	25	23	23
6	R - 2006 - 3	210 205 175 190 195	103 96 83 66 87	66 87	83.7 79.3 81.5	21 29 27 27 26	21	29	27	27	26
7	PEXEHM - 5	210 184 165 176 184	97 80 90 59 81	59 81	83.6 77.5 80.6	23 29 23 28 26	23	29	23	28	26
CHECKS:											
8	H I M - 129	180 169 153 164 166	87 84 73 54 74	54 74	81.6 82.3 81.9	24 32 24 29 27	24	32	24	29	27
9	SURYA	203 168 168 181 180	93 83 93 66 84	66 84	85.4 79.3 82.3	21 29 26 21 24	21	29	26	21	24
MEAN LOCATION											
	C.D. AT 5%	31.5 33 8 16.7 14.0 24.0	20.9 26.4 19.7 8.4 18.9	8.4 18.9	0.0 1.9 1.0	12.3 7.8 2.6 9.0 7.9	12.3	7.8	2.6	9.0	7.9
	C.V. %	8.8 12 3 6.5 5.0	12.2 19.2 14.2 8.2	8.2	0.0 1.6	28.8 18.4 7.0 24.6	28.8	18.4	7.0	24.6	-
	F (Prob)	.292 .096 .000 .000	.154 .146 .010 .000	.000 .000	.000 .000	.582 .091 .001 .226	.582	.091	.001	.226	-

TABLE NO. 58 (CONT.)

S1 No PEDIGREE	DAYS TO 50% POLLEN SHEED			DAYS TO 50% SILKING			DAYS TO 75% DRY HUSK			MOISTURE % AT HARVEST		
	DHOL	RANC	ZN 3 MEAN	DHOL	RANC	ZN 3 MEAN	DHOL	RANC	ZN 3 MEAN	DHOL	RANC	ZN 3 MEAN
1 V E H - 07 - 5	54.3	48.7	51.5	57.3	52.0	54.7	85.3	91.3	88.3	26.0	21.2	23.6
2 V E H - 07 - 6	51.7	46.3	49.0	54.3	50.0	52.2	83.3	91.7	87.5	28.3	22.1	25.2
3 U M H - "	48.0	43.7	45.8	50.0	47.0	48.5	76.3	88.7	82.5	21.6	21.0	21.3
4 U M H - 10	48.0	43.7	45.8	50.0	47.0	48.5	79.7	88.7	84.2	18.6	22.3	20.5
5 U M C - 10	53.0	46.0	49.5	56.7	50.0	53.3	87.0	89.3	88.2	28.0	23.1	25.5
6 U M C - 11	51.7	45.3	48.5	55.3	48.7	52.0	82.3	89.3	85.8	27.5	23.0	25.3
7 U M C - 12	51.0	47.3	49.2	54.0	50.7	52.3	81.7	91.3	86.5	22.0	22.2	22.1
8 O M H - 1	52.3	45.0	48.7	54.7	49.0	51.8	83.3	95.0	89.2	24.0	20.0	22.0
9 M E H - 07 - 1	58.0	54.0	56.0	60.0	57.0	58.5	90.3	94.7	92.5	30.6	23.3	27.0
10 M E H - 07 - 2	56.7	51.0	53.6	58.7	54.3	56.5	89.0	93.7	91.3	30.2	23.2	26.7
11 M E H - 07 - 3	52.3	48.7	50.5	55.7	52.3	54.0	85.3	90.7	88.0	29.5	22.3	25.9
CHECKS:												
12 PUSA EARLY HYB. - 2	57.3	46.3	51.8	59.7	49.7	54.7	90.3	86.3	88.3	30.6	21.3	26.0
13 SURYA	52.0	43.3	47.7	54.3	47.7	51.0	83.3	86.7	85.0	23.8	20.0	21.9
MEAN LOCATION	52.8	46.9	49.8	55.4	50.4	52.9	84.4	90.6	87.5	26.2	21.9	24.1
C.D. AT 5% =	1.7	2.4	2.0	2.0	2.4	2.2	3.5	1.8	2.6	0.0	0.0	0.0
C.V. % =	1.9	3.0	-	2.1	2.8	-	2.5	1.2	-	0.0	0.0	-
F (Prob)	.000	.000	-	.000	.000	-	.000	.000	-	-	-	-

S1 No PEDIGREE	PLANT HEIGHT (cm)			EAR HEIGHT (cm)			STAND AT HARVEST		
	DHOL	RANC	ZN 3 MEAN	DHOL	RANC	ZN 3 MEAN	DHOL	RANC	ZN 3 MEAN
1 V E H - 07 - 5	150	197	173	68	91	80	22	20	21
2 V E H - 07 - 6	124	214	169	60	88	74	15	22	19
3 U M H - 9	135	218	176	52	79	65	29	23	26
4 U M H - 10	131	185	158	48	69	59	23	24	24
5 U M C - 10	143	208	175	60	99	80	24	23	24
6 U M C - 11	126	204	165	54	86	70	28	25	27
7 U M C - 12	144	211	177	58	93	76	23	24	24
8 O M H - 1	142	223	182	65	101	83	30	17	23
9 M E H - 07 - 1	165	234	199	86	140	113	30	22	26
10 M E H - 07 - 2	149	222	186	80	121	100	8	19	14
11 M E H - 07 - 3	137	216	177	73	114	93	32	21	27
CHECKS:									
12 PUSA EARLY HYB. - 2	154	205	180	75	99	87	26	21	24
13 SURYA	127	191	159	62	83	73	33	19	26
MEAN LOCATION	140	210	175	65	97	81	25	22	23
C.D. AT 5% =	21.4	29.0	25.2	18.7	16.6	17.6	4.3	3.0	3.6
C.V. % =	9.0	8.2	-	17.1	10.1	-	10.2	8.2	-
F (Prob)	.018	.088	-	.010	.000	-	.000	.000	-

TABLE NO. 59

PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS AT DHOLI, RANCHI IN ZONAL TRIAL No. TR302 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE				GRAIN YIELD & SUPERIORITY OVER THE BIO - 9637				NAVJOT		ZN 3 MEAN	
		DHOL	R	RANC	R	ZN 3 MEAN	R	RANC	R	DHOL	RANC		
1	V E H 07 - 2	3121	3	5536	1	4328	1	19.97	37.77	30.77	-	65.79	31.07
2	V E H 07 - 3	2454	10	3827	8	3140	9	-	-	-	-	14.61	-
3	O M H - 2	2735	8	3997	7	3366	5	5.16	-	1.70	-	19.69	1.92
4	O M H - 3	2802	6	3194	10	2998	10	7.73	-	-	-	-	-
5	B H M - 2	2434	11	4005	6	3219	8	-	-	-	-	19.94	-
6	B H M - 4	3125	2	4404	4	3765	3	20.15	9.59	13.74	-	31.89	13.99
7	M M H 07 - 4	2824	5	3032	11	2928	11	8.57	-	-	-	-	-
8	M M H 07 - 5	2761	7	4902	2	3832	2	6.17	21.99	15.77	-	46.81	16.03
9	M M H 07 - 6	3075	4	4453	3	3764	4	18.21	10.80	13.71	-	33.34	13.97
CHECKS:													
10	BIO - 9637	2601	9	4018	5	3310	6	-	-	-	-	20.34	0.22
11	NAVJOT	3266	1	3339	9	3302	7	25.55	-	-	-	-	-
MEAN YIELD=		2836		4064		3450							
MEAN STAND		23		23		23							
C.D. AT 5%		923		1213		1068							
C.V. %		19.17		17.58		-							
F (Prob)		.626		.003		-							
PLOT SIZE=		6.00		4.20		-							
AGRONOMY DATA:													
SOWING DATE (2007)		14-07		27-07		-							
HARVEST DATE (2007)		-		9-11		-							
IRRIGATION Nos		-		-		-							
FERTILIZER APPLIED		N	150	100		-							
		P	75	60		-							
		K	50	40		-							

TABLE NO. 59 (CONT.)

S1 No PEDIGREE	DAYS TO 50% POLLEN SHED ZN 3			DAYS TO 50% SILKING DAYS TO 75% DRY HUSK MOISTURE % AT			HARVEST ZN 3					
	DHOL	RANC	MEAN	DHOL	RANC	MEAN	DHOL	RANC	MEAN	DHOL	RANC	MEAN
1 V E H 07 - 2	57.0	51.3	54.2	59.3	55.0	57.2	90.0	94.7	92.3	27.7	22.0	24.9
2 V E H 07 - 3	54.7	48.0	51.3	56.7	51.0	53.8	84.3	92.7	88.5	26.4	20.0	23.2
3 O M H - 2	56.3	47.0	51.7	58.0	50.0	54.0	85.3	91.7	88.5	21.6	22.2	21.9
4 O M H - 3	54.0	47.7	50.8	56.3	51.0	53.7	84.3	93.7	89.0	23.4	22.3	22.8
5 B H M - 2	56.0	52.0	54.0	59.0	55.3	57.2	87.3	89.7	88.5	22.4	20.0	21.2
6 B H M - 4	56.7	51.3	54.0	59.7	55.0	57.3	89.7	93.7	91.7	32.6	23.2	27.9
7 M M H 07 - 4	58.3	51.0	54.7	59.7	54.7	57.2	87.0	94.7	90.8	28.6	20.0	24.3
8 M M H 07 - 3	59.0	52.0	55.5	61.7	56.0	58.8	87.7	95.0	91.3	25.7	21.2	23.5
9 M M H 07 - 3	56.7	51.0	53.8	59.0	55.0	57.0	87.3	95.7	91.5	25.9	22.1	24.0
CHECKS:												
10 BIO - 9637	59.3	49.7	54.5	71.0	53.0	62.0	89.0	97.0	92.5	27.8	21.2	24.5
11 NAVJOT	53.7	48.3	51.0	56.7	52.0	54.3	87.0	96.3	91.7	23.5	22.3	22.9
MEAN LOCATION	56.5	49.9	53.2	59.7	53.5	56.6	87.1	94.1	90.6	26.0	21.5	23.7
C.D. AT 5% =	2.5	2.1	2.3	7.3	2.2	4.8	3.9	1.7	2.8	0.0	0.0	0.0
C.V. % =	2.6	2.4	-	7.2	2.4	-	2.6	1.1	-	0.0	0.0	-
F (Prob)	.001	.000	-	.028	.000	-	.093	.000	-	-	-	-

S1 No PEDIGREE	PLANT HEIGHT (cm) ZN 3			EAR HEIGHT (cm) ZN 3			STAND AT HARVEST ZN 3		
	DHOL	RANC	MEAN	DHOL	RANC	MEAN	DHOL	RANC	MEAN
1 V E H 07 - 2	151	216	183	72	94	83	24	24	24
2 V E H 07 - 3	127	213	170	58	105	82	20	24	22
3 O M H - 2	118	205	161	54	104	79	28	23	26
4 O M H - 3	121	178	149	61	93	77	24	22	23
5 B H M - 2	123	187	155	40	79	60	24	23	23
6 B H M - 4	84	196	140	53	89	71	25	23	24
7 M M H 07 - 4	143	207	175	66	116	91	18	21	20
8 M M H 07 - 5	133	205	169	64	106	85	20	25	23
9 M M H 07 - 6	137	208	172	66	115	90	21	24	23
CHECKS:									
10 BIO - 9637	143	230	186	64	101	82	24	23	23
11 NAVJOT	121	217	169	66	102	84	22	21	22
MEAN LOCATION	127	206	166	60	100	80	23	23	23
C.D. AT 5% =	38.8	33.3	36.0	13.9	21.9	17.9	10.3	3.0	6.6
C.V. % =	17.9	9.5	-	13.5	12.8	-	26.6	7.6	-
F (Prob)	.112	.158	-	.009	.067	-	.783	.082	-

TABLE NO@ 60

PERFORMANCE OF EXPERIMENTAL HYBRIDS AT COIMBATORE IN ZONAL TRIAL No. TR401A DURING KHARIF (2007).

S1 No	PEDIGREE	GRAIN YIELD		DAYS TO 50% P. SHED	DAYS TO 50% SILKING	DAYS TO 75% D. HUSK	MOIST.		PLANT HT. (cm)	EAR HT. (cm)	GRAIN		STAND AT HARV.
		COIM	R				% AT HARV.	COIM			SHELL -ING % COIM	COIM	
1	BH 40767	9539	8	52.3	55.7	100.7	20.5	191	103	80.3	28		
2	BH 40768	6262	18	56.0	59.3	104.3	21.4	163	89	74.6	25		
3	BH 40769	9444	10	52.7	55.3	100.3	19.0	184	105	79.1	28		
4	BH 40770	8121	13	51.0	54.7	99.7	19.6	180	93	78.9	31		
5	BH 40771	-	-	-	-	-	-	-	-	-	-		
6	BH 40772	10427	5	56.3	59.0	104.0	16.6	193	107	73.7	25		
7	BH 40773	8808	12	56.7	59.7	104.7	19.4	182	99	79.5	25		
8	BH 40774	6934	16	57.0	60.0	105.0	21.5	179	93	72.6	24		
9	BH 40775	10383	6	53.0	56.3	101.3	20.5	186	94	78.0	27		
10	BH 40776	6563	17	57.0	59.7	104.7	25.0	185	104	74.4	26		
11	BH 40777	5397	19	56.3	59.0	104.0	23.3	176	89	70.0	24		
12	BH 40778	12051	1	53.7	56.3	101.3	17.5	195	97	81.6	29		
13	BH 40779	7292	14	53.7	57.3	102.3	17.8	175	97	80.9	26		
14	BH 40780	9492	9	53.0	57.0	102.0	22.3	186	98	76.2	27		
15	BH 40781	9345	11	51.0	55.0	100.0	18.4	186	97	81.4	34		
16	BH 40782	7269	15	50.3	54.0	99.0	19.0	168	82	79.1	26		
17	BH 40783	10862	4	52.3	55.7	100.7	19.1	198	103	77.8	22		
18	BH 40784	10225	7	50.7	53.7	98.7	20.1	196	106	78.8	26		
19	BH 40785	11859	2	52.3	54.7	99.7	20.3	200	99	82.6	27		
20	900M	11318	3	55.0	58.0	103.0	21.5	186	105	80.8	25		
	MEAN YIELD=	8579	-	-	-	-	-	-	-	-	-	-	
	MEAN STAND	25	-	-	-	-	-	-	-	-	-	-	
	C.D. AT 5%	2731	-	-	-	-	-	-	-	-	-	-	
	C.V. %	18.28	-	-	-	-	-	-	-	-	-	-	
	F (Prob)	.000	-	-	-	-	-	-	-	-	-	-	
	PLOT SIZE=	4.80	-	-	-	-	-	-	-	-	-	-	

AGRONOMY DATA:

SOWING DATE (2007) : 26-07 : HARVEST DATE (2007) : -
 IRRIGATION Nos : 8
 FERTILIZER APPLIED N : 135 : P : 63 : K : 50

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : HYDE 22.2%

TABLE NO@ 61

PERFORMANCE OF EXPERIMENTAL HYBRIDS AT COIMBATORE IN ZONAL TRIAL No. TRA01B DURING KHARIF (4007).

Sl No	PEDIGREE	GRAIN YIELD		DAYS TO 50%		DAYS TO 75%		MOIST. % AT		PLANT HT.		EAR HT.		GRAIN SHELL		STAND AT HARV.	
		COIM	R	COIM	TO 50%	COIM	TO 75%	COIM	HARV.	COIM	HT.	COIM	HT.	COIM	ING	COIM	HARV.
1	BH 40786	12077	2	54.0	56.7	101.7	19.0	192	109	83.6	30						
2	BH 40787	10696	3	50.7	53.7	98.7	18.5	186	95	77.0	29						
3	BH 40788	9080	9	54.3	57.3	102.3	17.8	193	98	76.9	31						
4	BH 40789	8121	13	50.3	54.3	99.3	19.9	175	88	76.9	30						
5	BH 40790	5975	16	49.3	52.0	97.0	18.4	182	91	73.6	27						
6	BH 40791	10624	4	55.0	58.7	103.7	17.5	196	105	78.3	29						
7	BH 40792	8023	14	52.0	55.0	100.0	16.4	192	113	83.2	24						
8	BH 40793	9531	5	51.0	53.3	98.3	19.7	181	88	84.2	27						
9	BH 40794	9071	10	52.0	55.3	100.3	18.9	186	104	84.2	28						
10	BH 40795	9358	7	50.7	54.3	99.3	19.1	189	90	84.3	29						
11	BH 40796	8301	11	52.3	55.7	100.7	19.5	193	101	71.4	26						
12	BH 40797	9391	6	54.7	58.0	103.0	19.0	196	111	83.2	27						
13	BH 40798	8166	12	54.3	57.3	102.3	19.9	202	111	82.3	26						
14	BH 40799	7983	15	49.7	52.7	97.7	19.0	185	93	77.3	28						
15	BH 407100	9148	8	51.0	53.7	98.7	18.3	195	105	79.8	27						
16	900M	12326	1	53.0	56.3	101.3	18.7	184	99	76.8	29						
MEAN YIELD=		9242															
MEAN STAND		28		52.1	55.3	100.3	18.7	189	100	79.6	28						
C.D. AT 5%		2681		1.7	1.3	1.3	0.5	7.6	8.2	1.1	6.4						
C.V. %		17.42		1.9	1.4	0.8	1.6	2.4	4.9	0.8	13.8						
F (Prob)		.003		.000	.000	.000	.000	.000	.000	.000	.748						
PLOT SIZE=		4.80															
AGRONOMY DATA:																	
SOWING DATE (2007)		24-07															
HARVEST DATE (2007)		27-11															
IRRIGATION Nos		10															
FERTILIZER APPLIED N		135		P	63	K	50										

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : HYDE 23.3%

TABLE NO. 62 (CONT.)

S1	No	PEDIGREE	MOISTURE % AT HARVEST		PLANT HEIGHT (cm)		EAR HEIGHT (cm)		GRAIN SHELLING %		STAND AT HARVEST		ZN 4 MEAN			
			HYDE	MAND	HYDE	MAND	HYDE	MAND	HYDE	MAND	HYDE	MAND				
				ZN 4 MEAN		ZN 4 MEAN		ZN 4 MEAN		ZN 4 MEAN		ZN 4 MEAN				
1	BH	4065	22.5	15.6	19.0	219	204	211	101	102	79.0	79.8	79.4	19	34	26
2	BH	40615	23.9	16.0	19.9	226	212	219	100	101	78.1	77.2	77.6	17	35	26
3	BH	40701	21.8	15.3	18.5	215	200	208	95	107	64.8	82.0	73.4	16	34	25
4	BH	40630	24.4	15.6	20.0	236	199	219	95	107	78.1	81.4	79.7	18	33	25
5	BH	40702	24.7	-	24.7	213	-	213	109	-	85.5	-	85.5	17	-	17
6	BH	40703	22.0	15.1	18.6	239	211	225	119	108	78.3	82.1	80.2	19	33	26
7	BH	40625	22.5	15.3	18.9	243	198	220	116	106	85.3	77.7	81.5	23	35	29
8	BH	1576	24.3	15.6	19.9	239	208	223	111	114	74.7	79.8	77.3	20	30	25
9	BH	406126	20.6	16.0	18.3	204	204	204	103	104	79.2	83.8	81.5	24	31	27
10	BH	40704	26.9	15.0	15.9	206	200	203	96	92	77.8	81.0	79.4	16	33	24
11	BH	40705	23.2	15.6	19.4	215	192	203	95	103	80.9	83.1	82.0	25	33	29
12	BH	40706	25.5	16.3	20.9	219	204	211	96	106	86.2	80.4	83.3	13	33	23
13	BH	40707	23.0	15.7	19.4	221	208	215	113	115	79.5	80.0	79.7	20	34	27
14	BH	40708	22.1	15.6	18.9	216	212	214	90	109	77.4	80.3	78.9	19	32	26
15	BH	40709	28.1	14.6	16.4	213	199	206	99	100	76.6	81.1	78.8	18	31	25
16	BH	40710	23.8	14.6	19.2	201	198	200	99	99	75.6	79.3	77.4	18	32	25
17	BH	40711	19.3	15.6	17.4	231	202	217	94	112	79.4	77.9	78.7	17	33	25
18	PINNACLE		26.5	16.9	21.7	240	201	221	89	105	77.9	72.7	75.3	31	33	32
	MEAN LOCATION		22.5	15.6	19.0	222	203	212	101	105	78.6	80.0	79.3	19	33	26
	C.D. AT 5%		1.3	0.7	1.0	22.2	17.8	20.0	18.5	15.8	5.9	2.6	4.2	8.4	3.1	5.7
	C.V. %		4.2	3.2	-	7.1	6.2	-	12.9	10.6	5.2	2.3	-	30.5	6.5	-
	F (Prob)		0.00	0.00	-	.002	.699	-	.046	.475	.000	.000	-	.043	.168	-

358

TABLE NO. 63

PERFORMANCE OF EXPERIMENTAL HYBRIDS AT HYDERABAD, MANDYA IN ZONAL TRIAL No. TR401D DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE		DAYS TO 50% POLLEN SHED		DAYS TO 50% SILKING		DAYS TO 75% DRY				
		HYDE	R	HYDE	MAND	HYDE	MAND	HYDE	MAND			
1	BH 40712	6141	10	6399	17	54.3	53.5	56.5	55.0	100.8	93.5	97.1
2	BH 40713	6816	9	5920	18	52.0	53.5	54.5	55.0	95.0	92.0	93.5
3	BH 40714	7091	5	6825	13	51.8	53.0	54.8	54.3	95.3	93.5	94.4
4	BH 40715	6819	8	7138	11	54.3	57.0	55.8	58.3	100.5	92.8	96.6
5	BH 40716	5776	15	7280	10	51.5	52.0	54.8	53.5	96.5	93.0	94.8
6	BH 40717	7126	2	6812	14	53.5	55.5	54.3	57.3	97.3	93.5	95.4
7	BH 40718	5398	17	5182	19	54.0	57.5	56.3	59.5	101.0	93.0	97.0
8	BH 40719	7323	1	9004	2	53.5	55.3	56.8	57.3	98.3	92.3	95.3
9	BH 40720	6869	7	6437	16	53.3	56.5	56.5	58.0	98.0	94.0	96.0
10	BH 40721	5934	12	6992	12	52.8	55.8	55.5	56.8	99.3	93.3	96.3
11	BH 40722	7092	4	8793	5	54.5	56.0	56.5	57.5	100.8	90.8	95.8
12	BH 40723	4322	20	5022	20	53.3	57.5	56.3	59.3	98.8	91.5	95.1
13	BH 40724	5861	13	8617	6	53.5	56.0	56.5	58.0	99.3	94.5	96.9
14	BH 40725	5733	16	8599	7	54.0	56.3	57.3	57.8	100.3	92.8	96.5
15	BH 40726	5396	18	6712	15	53.0	53.0	56.3	54.3	101.0	90.3	95.6
16	BH 40727	5790	14	7748	8	54.3	56.8	56.3	58.3	103.8	91.3	97.5
17	BH 40728	6029	11	8950	3	55.5	56.5	57.8	58.3	100.0	91.3	95.6
18	BH 40729	4751	19	7477	9	52.5	49.5	55.5	52.0	96.3	91.3	93.8
19	30V92	7083	6	8887	4	53.0	55.8	55.5	57.0	98.8	93.8	96.3
20	Pinnackle	7114	3	12427	1	54.5	54.8	56.3	55.8	97.5	93.3	95.4
	MEAN YIELD=	6223		7561		-	-	-	-	-	-	-
	MEAN STAND	25		31		53.4	55.1	56.0	56.6	98.9	92.6	95.7
	C.D. AT 5%	1631		1253		1.7	1.3	2.3	1.4	3.3	3.0	3.2
	C.V. %	18.52		11.71		2.3	1.7	2.9	1.7	2.4	2.3	-
	F (Prob)	.002		.000		.001	.000	.221	.000	.000	.280	-
	PLOT SIZE=	6.00		5.60		-	-	-	-	-	-	-
AGRONOMY DATA:												
	SOWING DATE (2007)	3-07		18-07		-	-	-	-	-	-	-
	HARVEST DATE (2007)	31-10		27-11		-	-	-	-	-	-	-
	IRRIGATION Nos	1		7		-	-	-	-	-	-	-
	FERTILIZER APPLIED N	120		150		-	-	-	-	-	-	-
	P	60		75		-	-	-	-	-	-	-
	K	40		40		-	-	-	-	-	-	-

TABLE NO. 63 (CONT.)

S1 No	PEDIGREE	MOISTURE % AT HARVEST		PLANT HEIGHT (cm)		EAR HEIGHT (cm)		GRAIN SHELL -ING% MAND		STAND AT HARVEST		ZN 4 MEAN		
		HYDE	MAND	HYDE	MAND	HYDE	MAND	HYDE	MAND	HYDE	MAND	HYDE	MAND	
1	BH 40712	25.0	15.1	20.1	231	186	208	109	85	97	76.3	22	28	25
2	BH 40713	25.0	14.8	19.9	215	197	206	98	97	97	70.3	25	30	27
3	BH 40714	20.6	15.2	17.9	206	168	187	83	80	81	79.0	24	32	28
4	BH 40715	23.2	14.4	18.8	230	203	216	110	105	107	67.4	28	29	28
5	BH 40716	19.0	14.6	16.8	225	190	208	105	90	97	79.9	26	31	29
6	BH 40717	24.7	14.6	19.7	230	185	208	108	87	97	79.3	23	32	27
7	BH 40718	21.3	14.9	18.1	189	166	178	78	78	78	79.3	27	30	28
8	BH 40719	20.8	15.3	18.0	224	203	213	98	94	96	76.4	28	33	31
9	BH 40720	22.3	14.7	18.5	239	188	214	113	89	101	75.7	19	34	27
10	BH 40721	23.4	15.4	19.4	229	204	216	109	97	103	77.6	18	32	25
11	BH 40722	23.3	15.3	19.3	239	199	219	111	100	106	84.7	15	29	22
12	BH 40723	26.3	15.1	20.6	179	176	177	71	84	78	75.4	29	31	30
13	BH 40724	22.8	14.1	18.4	235	208	221	101	100	100	77.4	22	30	26
14	BH 40725	22.5	14.4	18.5	219	199	209	91	93	92	76.0	25	29	27
15	BH 40726	22.8	14.1	18.4	223	192	207	94	93	93	77.8	28	34	31
16	BH 40727	22.8	14.3	18.6	240	209	225	111	105	108	76.2	25	30	27
17	BH 40728	23.6	15.9	19.8	241	197	219	103	96	99	72.4	22	34	28
18	BH 40729	23.8	14.4	19.0	188	167	177	78	82	80	90.2	23	30	26
19	30V92	19.8	14.7	17.3	238	206	222	93	99	96	82.3	33	34	33
20	Pinnacle	24.9	15.0	20.0	244	195	219	98	90	94	78.9	33	33	33
	MEAN LOCATION	22.9	14.8	18.8	223	192	207	98	92	95	77.6	25	31	28
	C.D. AT 5%	1.8	0.7	1.2	17.8	20.8	19.3	13.5	12.5	13.0	3.9	6.6	5.2	5.9
	C.V. %	5.5	3.2	-	5.6	7.6	-	9.7	9.5	-	3.5	19.1	11.8	-
	F (Prob)	.000	.000	-	.000	.000	-	.000	.001	-	.000	.000	.299	-

TABLE NO. 64

PERFORMANCE OF EXPERIMENTAL HYBRIDS AT ARBHAVI IN ZONAL TRIAL No. TRA01F DURING KHARIF (2007)

Sl No	PEDIGREE	GRAIN YIELD		DAYS TO 50% P. SHED	DAYS TO 50% SILKING	DAYS TO 75% D. HUSK	MOIST.		PLANT		EAR		GRAIN		STAND AT HARV.	
		ARBH	R				%	AT	HT.	ARBH	ARBH	HT.	(cm)	ARBH		ARBH
1	BH 40749	9598	1	58.3	58.7	89.7	28.0	206	105	80.8	32					
2	BH 40750	7829	7	56.7	57.7	91.0	29.8	193	92	76.0	33					
3	BH 40751	7791	9	57.3	58.0	89.3	25.9	199	96	79.4	31					
4	BH 40752	7349	14	57.0	58.0	91.0	28.0	206	97	75.0	26					
5	BH 40753	7695	11	56.3	57.3	89.7	29.7	193	97	77.5	37					
6	BH 40754	8568	4	56.7	57.7	91.3	31.3	201	102	77.7	35					
7	BH 40755	9099	3	60.0	60.3	90.0	29.1	202	106	77.0	34					
8	BH 40756	8030	6	58.3	61.0	90.7	31.5	205	109	77.2	35					
9	BH 40757	7466	13	60.7	61.7	90.3	31.5	204	110	75.7	37					
10	BH 40758	7612	12	58.7	60.3	90.3	27.3	199	100	77.3	40					
11	BH 40759	5819	18	54.0	56.3	91.3	31.4	189	91	77.8	29					
12	BH 40760	6085	17	57.7	58.3	90.3	29.5	145	90	77.1	32					
13	BH 40761	5776	19	54.7	55.7	89.3	22.9	177	87	78.3	30					
14	BH 40762	6755	15	58.3	58.7	90.0	29.0	193	90	74.4	27					
15	BH 40763	5427	20	61.3	62.3	89.3	28.1	180	87	78.9	27					
16	BH 40764	7696	10	58.3	59.0	89.7	24.3	189	87	80.0	35					
17	BH 40765	7796	8	57.0	57.3	90.3	28.0	201	103	79.9	35					
18	BH 40766	8268	5	56.0	57.7	90.3	28.0	195	86	73.7	32					
19	30V92	6731	16	58.3	59.0	91.0	27.5	200	89	79.1	35					
20	Pinnacle	9443	2	56.0	59.0	90.3	32.8	209	95	78.1	37					
	MEAN YIELD=	7542														
	MEAN STAND	33		57.6	58.7	90.3	28.7	194	96	77.5	33					
	C.D. AT 5% =	1472		1.3	1.4	1.1	3.1	14.1	7.3	3.3	4.8					
	C.V. % =	11.82		1.3	1.5	0.8	6.5	4.4	4.6	2.6	8.7					
	F (Prob)	.000		.000	.000	.005	.000	.000	.000	.005	.000					
	PLOT SIZE=	6.00														
	AGRONOMY DATA:															
	SOWING DATE (2007)	20-07														
	HARVEST DATE (2007)	12-11														
	IRRIGATION Nos	-														
	FERTILIZER APPLIED N	150		P	75	K	38									

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : HYDE 33.4%

TABLE NO. 24 (CONT.)

SI NO PEDIGREE	GRAIN SHELLING %										STAND AT HARVEST									
	HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	ZN 4 MEAN	HYDE	KARI	ARB1	ARB2	MAND	BANG BAYE	COIM	KOLH	ZN 4 MEAN			
1 30 R 77	75.0	80.6	84.1	83.8	83.3	79.9	77.9	80.7	113	101	98	88	96	102	76	120	99			
2 PRO - 365	75.2	87.6	79.4	78.9	80.7	78.3	78.7	79.8	117	98	96	91	89	102	77	112	98			
3 P H S - 54	76.3	75.1	79.1	81.4	78.2	79.0	79.5	78.4	117	95	91	98	102	100	73	113	99			
CHECKS:																				
4 SEEDTEC - 2324	76.5	78.7	82.9	81.3	78.3	79.8	78.7	79.5	115	94	91	99	102	101	87	120	101			
5 BIO - 9681	76.8	79.5	82.5	82.7	78.8	82.0	77.3	79.9	111	77	81	81	97	98	81	107	91			
6 PRO - 311	76.3	74.8	80.2	81.5	77.6	77.9	66.2	76.4	112	107	99	92	102	98	78	109	99			
7 PARBHAT	75.0	82.2	82.0	81.4	82.6	81.6	77.4	80.3	101	88	81	76	97	93	70	113	90			
MEAN LOCATION	75.8	79.8	81.5	81.6	79.9	79.8	76.5	79.3	112	94	91	89	98	99	77	113	97			
C.D AT 5% =	3.3	1.7	1.6	1.4	2.2	0.2	10.7	3.0	7.3	9.3	14.9	16.1	10.4	5.3	9.9	16.5	11.2			
C.V % =	2.9	1.4	1.1	1.0	1.9	0.2	9.4	-	4.4	6.6	9.2	10.1	7.2	3.6	8.7	9.8	-			
F (Prob)	.830	.000	.000	.000	.000	.000	.191	-	.003	.000	.096	.071	.160	.025	.046	.563	-			

TABLE NO 25

PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRID & COMPOSITE AT BAJAURA, KANGRA, BARAPANI MEGHALAYA IN AET 2nd YEAR, TRIAL NO TR7021 DURING KHARIF (2007).

S. No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE						GRAIN YIELD & SUPERIORITY OVER											
		BAJA	R	KANG	R	BARA	MEGH	ZN 1	MEAN	R	BAJA	KANG	BARA	MEGH	ZN 1	MEAN			
1	COMP R - 2005 - 4	6365	4	5076	4	1943	4	4461	4	-	-	-	-	-	-	-			
2	M C H - 30	7713	2	5240	3	2046	3	4999	2	-	-	-	-	-	20.67	7.48			
CHECKS:																			
3	BIO - 9637	9363	1	5568	1	2123	2	5685	1	-	-	-	-	-	46.49	4.34			
4	NAVJOT	6392	3	5337	2	2226	1	4651	3	-	-	-	-	-	4.82	-			
MEAN YIELD=		7458	5305		2084		4949												
MEAN STAND		87	64		60		70												
C.D. AT 5%		653	1092		275		673												
C.V. %		6.50	17.03		6.83														
F (Prob)		000	.625		.787														
PLOT SIZE=		14.40	9.00		18.00														
AGRONOMY DATA:																			
SOWING DATE (2007)		22-06	21-06																
HARVEST DATE (2007)		07-10	24-09																
IRRIGATION Nos		2																	
FERTILIZER APPLIED N		120	120																
P		60	60																
K		40	40																

S1	No PEDIGREE	DAYS TO 50% POLLEN SHED						DAYS TO 50% SILKING						DAYS TO 75% DRY HUSK					
		BAJA	R	KANG	R	BARA	MEGH	ZN 1	MEAN	R	BAJA	KANG	BARA	MEGH	ZN 1	MEAN			
1	COMP. R - 2005 - 4	57.6	52.7	54.0	54.8	60.4	55.8	58.0	58.1	93.2	88.2	102.0	94.5	96.3	96.3	96.3			
2	M C H - 30	66.2	52.3	52.0	56.8	68.6	55.2	55.3	59.7	98.6	87.3	102.7	96.3	96.3	96.3	96.3			
CHECKS:																			
3	BIO - 9637	59.2	52.0	53.0	54.7	61.8	54.8	56.7	57.8	97.2	87.0	103.7	96.0	96.0	96.0	96.0			
4	NAVJOT	57.4	52.0	51.7	53.7	60.6	55.0	54.7	56.8	92.2	87.5	103.3	94.3	94.3	94.3	94.3			
MEAN LOCATION		60.1	52.3	52.7	55.0	62.8	55.2	56.2	58.1	95.3	87.5	102.9	95.3	95.3	95.3	95.3			
C.D. AT 5%		1.4	2.3	1.2	1.6	1.3	2.4	1.8	1.8	1.2	2.1	3.5	2.3	2.3	2.3	2.3			
C.V. %		1.7	3.5	1.1	-	1.5	3.5	1.6	-	0.9	1.9	1.7	-	-	-	-			
F (Prob)		.000	.909	.009	-	.000	.816	.015	-	.000	.690	.683	-	-	-	-			

TABLE NO. 25 (CONT.)

S1 No PEDIGREE	MOISTURE % AT HARVEST			PLANT HEIGHT (cm)			EAR HEIGHT (cm)			
	BAJA	KANG	MEGH ZN 1 BARA MEAN	BAJA	KANG	MEGH ZN 1 BARA MEAN	BAJA	KANG	MEGH ZN 1 BARA MEAN	
1 COMP. R - 005 - 4	19.1	23.2	24.3	214	248	189	103	130	97	110
2 M C H - 30	22.0	21.6	24.0	241	239	188	120	128	99	116
CHECKS:										
3 BIO - 9637	21.0	22.1	23.7	233	244	157	115	130	84	110
4 NAVJOT	19.0	20.9	23.7	201	248	172	97	133	80	103
MEAN LOCATION	20.3	21.9	23.9	222	245	177	109	130	90	110
C.D. AT 5% =	0.5	1.4	3.4	15.7	18.9	27.5	15.7	13.0	26.0	18.2
C.V. % =	1.8	5.2	7.2	5.1	6.3	7.8	10.5	8.1	14.5	-
F (Prob)	.000	.018	.955	.001	.700	.082	.025	.923	.273	-

S1 No PEDIGREE	GRAIN SHELLING %			STAND AT HARVEST			
	BAJA	KANG	MEGH ZN 1 BARA MEAN	BAJA	KANG	MEGH ZN 1 BARA MEAN	
1 COMP. R - 2005 - 4	82.5	80.5	81.5	88	63	62	71
2 M C H - 30	79.6	82.0	80.8	92	65	59	72
CHECKS:							
3 BIO - 9637	90.8	81.0	85.9	89	65	61	71
4 NAVJOT	83.7	81.0	82.3	80	63	60	67
MEAN LOCATION	84.1	81.1	82.6	87	64	60	70
C.D. AT 5% =	1.6	0.6	1.1	9.4	3.7	7.0	6.7
C.V. % =	1.4	0.6	-	7.8	4.7	5.8	-
F (Prob)	.000	.001	-	.070	.685	.700	-

TABLE NO. 26

PERFORMANCE OF MEDIUM MATURING COMPOSITES AT BELIPAR GORAKHPUR, VARANASI, RANCHI, JASHIPUR, AMBIKAPUR IN AET 2nd YEAR, TRIAL No. TR70Z3 DURING KHAFIF (2007).

S1	NO PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE										GRAIN YIELD & SUPERIORITY OVER BIO - 9637																		
		GORA					ZN 3					GORA					ZN 3													
		BELI	F	VARA	R	RANC	R	JASH	R	AMBI	R	AMBI	R	BELI	VARA	RANC	JASH	AMBI	R	AMBI	R	MEAN	R	MEAN	R	MEAN	R	MEAN		
1	L - 166 (RETESTING)	3427	3	5678	1	4056	3	5091	2	5405	2	5405	2	4731	2	-	4.78	-	-	-	-	-	-	-	-	-	-	-	-	
CHECKS:																														
2	BIO - 9637	3865	2	5419	2	5486	1	5792	1	7736	1	7736	1	5660	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	NAVJOT	4515	1	4928	3	4107	2	4458	3	5327	3	5327	3	4667	3	16.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MEAN YIELD=	3936		5342		4550		5114		6156		6156		5019																
	MEAN STAND	89		104		75		93		97		97		92																
	C.D. AT 5%*	389		1064		272		113		459		459		460																
	C.V. %	7.99		16.09		4.83		1.79		6.02		6.02		-																
	F (Prob)	.000		.258		.000		.000		.000		.000		-																
	PLOT SIZE=	14.40		14.40		16.80		14.40		18.00		18.00		-																
AGRONOMY DATA:																														
	SOWING DATE(2007)	8-07		25-06		3-07		10-07		26-06		26-06		-																
	HARVEST DATE(2007)	19-10		4-10		16-10		3-11		-		-		-																
	IRRIGATION Nos	-		2		-		-		-		-		-																
	FERTILIZER APPLIED N	150		100		100		120		100		100		-																
	P	75		40		60		60		60		60		-																
	K	60		40		40		60		40		40		-																

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : DHOL 34.1%

S1	NO PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE NAVJOT										DAYS TO 50% POLLEN SHED																		
		GORA					ZN 3					GORA					ZN 3													
		BELI	VARA	RANC	JASH	AMBI	RANC	JASH	AMBI	AMBI	AMBI	AMBI	AMBI	BELI	VARA	RANC	JASH	AMBI	BELI	VARA	RANC	JASH	AMBI	AMBI	AMBI	AMBI	AMBI	AMBI	AMBI	
1	L - 166 (RETESTING)		15.21	-	14.21	1.46	-	14.21	1.46	1.46	1.46	1.46	1.38	54.8	45.8	49.7	47.2	46.8	54.8	45.8	49.7	47.2	46.8	46.8	48.9					
CHECKS:																														
2	BIO - 9637		9.96	33.57	29.93	45.24	-	29.93	45.24	45.24	45.24	21.27	58.3	48.2	52.3	49.8	49.3	51.6	58.3	48.2	52.3	49.8	49.3	49.3	51.6					
3	NAVJOT		-	-	-	-	-	-	-	-	-	-	52.5	45.0	48.0	45.7	46.3	47.5	52.5	45.0	48.0	45.7	46.3	47.5	47.5					
	MEAN LOCATION		-	-	-	-	-	-	-	-	-	-	55.2	46.3	50.0	47.6	47.5	49.3	55.2	46.3	50.0	47.6	47.5	47.5	49.3					
	C.D. AT 5%*		-	-	-	-	-	-	-	-	-	-	0.9	0.7	1.1	1.7	1.0	1.1	0.9	0.7	1.1	1.7	1.0	1.0	1.1					
	C.V. %		-	-	-	-	-	-	-	-	-	-	1.3	1.2	1.6	2.8	1.7	-	1.3	1.2	1.6	2.8	1.7	-	-					
	F (Prob)		-	-	-	-	-	-	-	-	-	-	.000	.000	.000	.001	.000	-	.000	.000	.000	.001	.000	-	-					

TABLE NO. 26 (CONT.)

No	PEDIGREE	DAYS TO 50% S LKING			DAYS TO 75% DRY HUSK			MOISTURE % AT HARVEST			ZN 3				
		BELI	VARA	MEAN	BELI	VARA	MEAN	BELI	VARA	MEAN	BELI	VARA	MEAN		
1	156 (RETESTING)	57.0	52.0	52.6	84.3	85.0	88.5	93.3	87.8	22.3	25.6	22.5	17.8	14.0	20.4
2	BIO - 9637	60.5	53.2	51.8	85.3	85.8	89.3	93.2	88.4	23.9	25.8	22.4	18.0	14.6	21.0
3	NAVJOT	54.7	49.3	48.7	80.5	85.3	86.5	89.8	85.5	20.1	25.7	21.9	18.0	14.9	20.1
	MEAN LOCATION	57.4	51.7	50.7	83.4	85.4	88.1	92.1	87.3	22.1	25.7	22.3	17.9	14.5	20.5
	C.D. AT 5%	1.2	0.9	1.6	1.1	2.8	1.7	1.4	1.0	1.7	0.0	0.6	0.1	0.2	0.3
	C.V. %	1.7	1.4	2.4	1.3	2.6	1.6	1.2	0.9	0.1	1.9	2.2	0.6	1.3	-
	F (Prob)	.000	.000	.000	.000	.008	.572	.003	.000	.000	.654	.109	.002	.000	-

No	PEDIGREE	PLANT HEIGHT (cm)			EAR HEIGHT (cm)			GRAIN SHELLING %			STAND AT HARVEST													
		BELI	VARA	MEAN	BELI	VARA	MEAN	BELI	VARA	MEAN	BELI	VARA	MEAN											
1	166 (RETESTING)	129	163	180	45	78	95	81	80	76	74.6	78.2	77.9	84.5	78.8	84	104	67	93	88				
2	BIO - 9637	139	198	207	266	208	47	87	110	92	86	75.4	64.3	79.4	84.0	75.8	89	105	84	92	103	95		
3	NAVJOT	133	162	190	228	184	47	78	99	83	80	77	79.4	79.8	79.9	86.0	81.3	93	104	75	92	96	92	
	MEAN LOCATION	134	174	213	240	191	46	81	101	85	80	76.4	74.1	79.1	84.8	78.6	89	104	75	93	97	92		
	C.D. AT 5%	13.5	4.3	22.5	6.0	13.7	12.0	8.6	2.7	9.9	7.4	10.0	7.7	1.4	10.7	0.5	0.8	3.4	3.0	3.0	13.6	2.9	5.9	5.7
	C.V. %	7.8	1.9	8.2	2.4	4.4	-	14.4	2.6	7.6	6.8	9.2	-	1.5	11.2	0.4	0.8	-	2.6	2.3	14.0	2.5	4.7	-
	F (Prob)	.274	.000	.045	.000	.000	.000	.018	.016	.026	.000	.017	.000	.001	-	.000	.390	.053	.770	.009	-	-	-	-

TABLE NO. 27 (CONT.)

S1 No PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE NAVJOT										ZN 4 MEAN
	HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	COIM	KOLH	ZN 4 MEAN	
1 COMP. R - 2005 - 4	113	-	5.68	21.04	11.42	-	4.04	-	4.04	5.38	
2 J K M H - 702	103	49.28	39.52	60.93	78.68	58.67	6.00	44.47			
CHECKS:											
3 BIO - 9637	33.73	112.16	49.13	86.09	37.69	54.22	7.76	53.53			
4 NAVJOT	-	-	-	-	-	-	-	-	-	-	

S1 No PEDIGREE	DAYS TO 50% POLLEN SHED										DAYS TO 50% SILKING										ZN 4 MEAN
	HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN	ZN 4 MEAN	HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN				
1 COMP. R-2005 - 4	56.2	45.8	54.8	54.0	50.3	47.5	55.5	52.0	59.0	48.0	57.5	56.5	52.7	51.7	56.5	54.5					
2 J K M H - 702	56.2	48.2	57.2	55.8	53.2	50.8	58.5	54.3	59.5	50.0	59.3	57.8	56.0	54.8	59.5	56.7					
CHECKS:																					
3 BIO - 9637	56.7	48.2	57.7	55.8	54.2	51.0	57.5	54.4	59.2	49.5	58.8	57.5	56.2	54.0	58.5	56.2					
4 NAVJOT	55.8	44.5	54.0	52.8	50.3	47.3	58.5	51.9	58.3	45.8	56.8	55.7	52.5	51.2	59.5	54.3					
MEAN LOCATION	56.2	46.7	55.9	54.6	52.0	49.2	57.5	53.2	59.0	48.3	58.1	56.9	54.3	52.9	58.5	55.4					
C.D. AT 5%	1.3	0.7	1.3	1.0	0.9	1.0	1.4	1.1	1.2	0.8	1.2	1.2	1.2	1.1	1.4	1.2					
C.V. %	1.9	1.3	1.9	1.5	1.4	1.6	2.0	-	1.7	1.4	1.7	1.7	1.7	1.6	1.9	-					
F (Prob)	.623	.000	.000	.000	.000	.000	.001	-	.274	.000	.002	.006	.000	.000	.001	-					

TABLE NO. 27 (CONT.)

S1 No PEDIGREE	DAYS TO 75% DRY HUSK										MOISTURE & AT HARVEST									
	HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN	ZN 4	MEAN	HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN	ZN 4	MEAN
1 COMP R-2005 - 4	92.7	83.7	101.3	101.2	97.0	96.7	92.5	95.0	95.0	21.5	6.2	26.7	24.7	14.8	21.5	11.5	18.1			
2 J K M H - 702	92.2	86.0	101.5	101.0	98.2	99.8	94.7	96.2	96.2	22.9	5.5	30.5	34.6	14.5	22.1	10.6	20.1			
CHECKS:																				
3 BIO - 9637	92.2	85.7	101.7	100.8	98.5	99.0	93.5	95.9	95.9	21.7	6.8	30.3	29.6	14.5	22.1	10.6	19.4			
4 NAVJOT	92.7	83.0	100.8	101.2	93.7	96.2	94.7	94.6	94.6	23.2	5.9	24.2	23.7	14.8	22.1	11.6	17.9			
MEAN LOCATION	92.4	84.6	101.3	101.0	96.8	97.9	93.8	95.4	95.4	22.3	6.1	27.9	28.1	14.6	22.0	11.1	18.9			
C.D. AT 5%	1.9	1.1	1.0	1.0	3.2	1.1	2.4	1.7	1.7	1.5	0.8	3.3	2.4	0.5	0.1	0.6	1.3			
C.V. %	1.7	1.1	0.8	0.8	2.7	0.9	2.1	-	-	5.4	10.2	9.7	7.1	2.5	0.5	4.4	-			
F (Prob)	.887	.060	.382	.871	.023	.000	.207	-	-	.058	.014	.003	.000	.345	.000	.002	-			

S1 No PEDIGREE	PLANT HEIGHT (cm)										EAR HEIGHT (cm)									
	HYE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN	ZN 4	MEAN	HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN	ZN 4	MEAN
1 COMP R - 2005 - 4	206	155	201	199	193	211	179	192	192	86	72	95	97	94	111	79	90			
2 J K M H - 702	184	162	201	198	195	199	182	189	189	74	63	94	90	93	104	81	86			
CHECKS:																				
3 BIO - 9637	221	179	208	209	206	215	187	203	203	94	79	99	103	104	115	79	96			
4 NAVJOT	195	156	192	188	187	199	182	186	186	76	57	87	89	96	102	75	83			
MEAN LOCATION	201	163	200	198	195	206	182	192	192	83	68	94	95	97	108	79	89			
C.D. AT 5%	31.6	9.8	5.3	5.2	9.5	3.9	22.1	12.5	22.3	6.8	4.3	5.2	10.6	5.4	16.3	10.1	-			
C.V. %	12.7	4.9	2.1	2.1	4.0	1.6	9.8	-	22.0	8.1	3.7	4.4	8.9	4.1	16.8	-	-			
F (Prob)	.127	.000	.000	.000	.008	.000	.905	-	.233	.000	.000	.000	.000	.161	.000	.886	-			

TABLE NO. 27 (CONT.)

S1 NO PEDIGREE	GRAIN SHELLING %							ZN 4 MEAN
	HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	
1 COMP. R - 2005 - 4	73.5	83.9	84.1	83.3	82.5	79.8	83.8	81.6
2 J K M H - 702	72.7	78.5	82.8	83.0	82.8	78.0	83.3	80.1
CHECKS:								
3 BIO - 9637	75.7	79.7	83.9	84.6	86.3	80.4	82.1	81.8
4 NAVJOT	75.3	77.9	83.3	83.3	81.5	82.9	81.9	80.9
MEAN LOCATION	74.3	80.0	83.5	83.5	83.3	80.3	82.8	81.1
C.D. AT 5% =	1.4	1.4	0.7	1.3	1.4	0.1	1.0	1.0
C.V. % =	1.5	1.4	0.7	1.3	1.4	0.1	1.0	-
F (Prob)	.001	.000	.005	.074	.000	.000	.003	-

S1 NO PEDIGREE	STAND AT HARVEST							ZN 4 MEAN
	HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	
1 COMP. R - 2005 - 4	90	85	100	103	97	75	120	96
2 J K M H - 702	90	82	101	100	97	78	128	96
CHECKS:								
3 BIO - 9637	94	79	99	105	101	80	137	99
4 NAVJOT	91	73	96	93	99	71	123	92
MEAN LOCATION	91	80	99	100	98	76	127	96
C.D. AT 5% =	5.6	4.7	6.8	8.1	6.1	9.2	20.8	8.8
C.V. % =	5.0	4.8	5.6	6.6	5.0	9.9	13.3	-
F (Prob)	.447	.001	.443	.032	.442	.237	.372	-

TABLE NO. 28

PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRID AT UDAIPUR, BANSWARA, PRATAPGARH, IN AET 2nd YEAR, TRIAL No. TR70Z5 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE				GRAIN YIELD %				SUPERIORITY OVER THE NAVJOT							
		UDAI	R	BANS	R	UDAI	R	BANS	R	UDAI	BANS	UDAI	BANS	PRAT	MEAN	ZN 5	
1	J K M H - 702	5358	2	3602	2	2817	2	3926	2	-	-	-	-	28.83	17.23	19.02	22.70
CHECKS:																	
2	BIO - 9637	6242	1	3767	1	3016	1	4342	1	-	-	-	-	50.09	22.60	27.43	35.70
3	NAVJOT	4159	3	3073	3	2367	3	3199	3	-	-	-	-	-	-	-	-
	MEAN YIELD	5253		3480		2733		3822									
	MEAN STAND	86		75		75		79									
	C.D. AT 5%	758		244		224		409									
	C.V. %	8.85		5.66		6.63		-									
	F (Prob)	.000		.001		.000		-									
	PLOT SIZE	14.40		14.40		14.40		-									
AGRONOMY DATA:																	
	SOWING DATE (2007)	2-07		1-07		5-07		-									
	HARVEST DATE (2007)	24-10		22-10		18-10		-									
	IRRIGATION Nos	1		-		-		-									
	FERTILIZER APPLIED N	90		100		90		-									
	P	60		40		40		-									
	K	-		-		-		-									

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : CHHI 28.5%

Sl No	PEDIGREE	DAYS TO 50% POLLEN SHED				DAYS TO 50% SILKING				DAYS TO 75% DRY HUSK							
		UDAI	R	BANS	R	UDAI	R	BANS	R	UDAI	BANS	UDAI	BANS	PRAT	MEAN	ZN 5	
1	J K M H - 702	52.0	48.3	48.0	49.4	54.0	51.7	51.2	52.3	82.8	86.3	84.3	84.5				
CHECKS:																	
2	BIO - 9637	52.8	52.5	51.2	52.1	55.8	55.7	54.3	55.3	85.8	88.3	86.7	86.9				
3	NAVJOT	51.8	52.0	51.3	51.7	52.0	55.0	54.3	53.8	82.5	87.0	85.7	85.1				
	MEAN LOCATION	52.2	50.9	50.2	51.1	53.9	54.1	53.3	53.8	83.7	87.2	85.6	85.5				
	C.D. AT 5%	5.1	0.9	1.8	2.6	4.0	1.4	1.6	2.3	3.2	1.2	1.1	1.8				
	C.V. %	5.6	1.4	2.8	-	4.3	2.0	2.3	-	2.2	1.1	1.0	-				
	F (Prob)	.884	.000	.004	-	.149	.000	.002	-	.085	.013	.003	-				

TABLE NO. 28 (CONT.)

No	PEDIGREE	MOISTURE % AT HARVEST			PLANT HEIGHT (cm)			EAR HEIGHT (cm)					
		UDAI	BANS	PRAT	UDAI	BANS	PRAT	UDAI	BANS	PRAT			
1	J K M H - 702	23.9	16.3	15.5	18.5	187	133	128	149	72	52	38	54
CHECKS:													
2	BIO - 9637	21.1	15.5	15.4	17.3	200	144	128	157	117	61	42	73
3	NAVJOT	21.9	15.6	16.3	17.9	176	153	137	155	94	80	52	75
MEAN LOCATION													
	C.D. AT 5%	1.3	0.2	0.1	0.6	23.6	3.5	15.1	14.0	13.4	4.8	6.4	8.2
	C.V. %	3.4	1.1	0.7	-	7.3	1.9	8.9	-	8.2	5.8	11.3	-
	F (Prob)	.005	.000	.000	-	.122	.000	.363	-	.000	.000	.002	-

Sl	No	PEDIGREE	GRAIN SHELLING %			STAND AT HARVEST			ZN 5			
			UDAI	BANS	PRAT	UDAI	BANS	PRAT	UDAI	BANS	PRAT	
1	J K M H - 702		86.9	79.7	73.8	80.1	80	77	75	77	77	
CHECKS:												
2	BIO - 9637		82.8	78.7	74.3	78.6	95	75	77	82	82	
3	NAVJOT		85.4	73.7	70.7	76.6	83	74	74	74	77	
MEAN LOCATION												
	C.D. AT 5%		0.4	0.5	0.6	0.5	5.9	6.5	5.8	6.1	6.1	
	C.V. %		0.3	0.5	0.6	-	4.0	6.8	6.0	-	-	
	F (Prob)		.000	.000	.000	-	.000	.641	.718	-	-	

TABLE NO. 29 (CONT.)

S1 No PEDIGREE	DAYS TO 50% POLLEN SHED			DAYS TO 50% SILKING			DAYS TO 75% DRY HUSK								
	ALMO	BAJA	KANG	MEGH ZN 1 MEGH BARA MEAN	ALMO	BAJA	KANG	MEGH ZN 1 MEGH BARA MEAN	ALMO	BAJA	KANG	MEGH ZN 1 MEGH BARA MEAN			
1 L - 201	50.3	54.8	46.0	53.0	51.0	51.7	57.3	48.3	56.0	53.3	87.3	88.8	79.5	100.0	88.9
CHECKS:															
2 PARKASH	50.2	55.0	45.8	53.0	51.0	51.3	57.2	48.0	56.0	53.1	92.8	87.5	79.5	100.7	90.1
3 X - 3342	51.2	51.2	46.0	55.0	51.8	52.3	57.5	48.3	58.3	54.1	92.5	87.7	79.3	100.3	89.9
4 KIRAN	51.7	55.3	46.0	53.3	51.6	53.3	57.8	48.3	57.0	54.1	93.0	84.5	79.5	100.0	89.3
MEAN LOCATION	50.8	55.1	45.9	53.6	51.4	52.2	57.5	48.2	56.8	53.7	91.4	87.1	79.4	100.3	89.6
C.D. AT 5% =	0.6	1.1	1.6	1.7	1.3	0.8	1.0	1.8	1.7	1.3	1.0	0.5	3.2	1.4	1.5
C.V. % =	1.0	1.4	2.2	1.6	-	1.3	1.4	2.4	1.5	-	0.9	0.5	2.5	0.7	-
F (Prob)	.000	.580	.980	.082	-	.000	.542	.985	.047	-	.000	.000	.997	.613	-

S1 No PEDIGREE	MOISTURE % AT HARVEST			PLANT HEIGHT (cm)			EAR HEIGHT (cm)								
	ALMO	BAJA	KANG	MEGH ZN 1 MEGH BARA MEAN	ALMO	BAJA	KANG	MEGH ZN 1 MEGH BARA MEAN	ALMO	BAJA	KANG	MEGH ZN 1 MEGH BARA MEAN			
1 L - 201	28.0	19.8	21.5	22.0	22.8	225	188	258	159	207	116	96	125	74	103
CHECKS:															
2 PARKASH	29.9	18.9	22.3	24.0	23.8	280	197	260	169	226	150	101	129	76	114
3 X - 3342	31.6	18.5	22.2	23.7	24.0	246	199	245	171	215	130	100	124	83	109
4 KIRAN	29.1	17.3	22.7	25.0	23.5	243	204	258	152	214	129	105	129	69	108
MEAN LOCATION	29.7	18.6	22.2	23.7	23.5	248	197	255	163	216	131	101	127	75	108
C.D. AT 5% =	1.4	0.7	2.4	1.3	1.5	8.7	14.2	14.7	32.3	17.5	8.7	10.7	15.1	18.0	13.2
C.V. % =	3.9	3.2	6.7	2.7	-	2.8	5.9	3.6	9.9	-	5.4	8.7	7.5	12.0	-
F (Prob)	.001	.000	.735	.007	-	.000	.153	.165	.495	-	.000	.341	.840	.374	-

S1 No PEDIGREE	GRAIN SHELLING %			STAND AT HARVEST					
	ALMO	BAJA	KANG	MEGH ZN 1 MEGH BARA MEAN	ALMO	BAJA	KANG	MEGH ZN 1 MEGH BARA MEAN	
1 L - 201	87.7	85.5	81.0	84.7	91	95	60	73	80
CHECKS:									
2 PARKASH	87.5	81.9	83.0	84.1	90	93	63	74	80
3 X - 3342	84.7	81.6	82.0	82.7	92	93	63	72	80
4 KIRAN	84.2	81.7	82.0	82.6	88	93	61	73	79
MEAN LOCATION	86.0	82.7	82.0	83.5	90	94	62	73	80
C.D. AT 5% =	0.8	1.8	1.7	1.4	3.2	3.6	3.4	8.5	4.7
C.V. % =	0.8	1.8	1.3	-	2.9	3.1	3.4	5.8	-
F (Prob)	.000	.001	.135	-	.109	.425	.332	.886	-

TABLE NO. 30 (CONT.)

S1 NO PEDIGREE	GRAIN YIELD % SUPERIORITY OVER THE X - 3342								ZN 4 MEAN
	HYDE	KARI	ARBH	ARB1	MAND	COIM	KOLH		
1 COMP. R - 2005 - 2	-	-	-	-	-	-	-	-	-
2 D - 131	-	3.21	-	-	-	2.05	-	-	-
CHECKS:									
3 PARKASH	0.89	10.88	-	-	-	2.21	-	-	-
4 X - 3342	-	-	-	-	-	-	-	-	-
5 KIRAN	-	-	-	-	-	-	-	-	-

S1 NO PEDIGREE	GRAIN YIELD % SUPERIORITY OVER THE KIRAN								ZN 4 MEAN
	HYDE	KARI	ARBH	ARB1	MAND	COIM	KOLH		
1 COMP. R - 2005 - 2	4.36	-	16.17	41.42	19.36	22.63	18.31	16.20	
2 D - 131	3.01	20.38	31.14	3.45	21.64	29.94	29.49	20.45	
CHECKS:									
3 PARKASH	12.71	29.33	27.51	32.97	23.76	30.15	48.80	27.41	
4 X - 3342	11.71	16.64	49.24	53.46	46.96	27.33	112.16	37.86	
5 KIRAN	-	-	-	-	-	-	-	-	

S1 NO PEDIGREE	DAYS TO 50% POLLEN SHED								DAYS TO 50% SILKING								ZN 4 MEAN
	HYDE	KARI	ARBH	ARB1	MAND	COIM	KOLH	MEAN	HYDE	KARI	ARBH	ARB1	MAND	COIM	KOLH	MEAN	
1 COMP. R-2005-2	52.3	44.8	54.3	54.8	48.3	48.5	55.3	51.1	56.5	46.3	57.0	56.3	50.8	52.8	56.3	53.7	
2 D - 131	50.8	42.3	52.8	52.0	47.5	45.5	52.3	49.0	51.8	44.3	55.0	53.8	49.8	49.8	53.3	51.1	
CHECKS:																	
3 PARKASH	49.8	43.3	52.3	52.5	48.3	46.0	55.0	49.6	53.8	45.0	53.0	52.3	50.3	49.8	56.0	51.4	
4 X - 3342	49.0	43.0	52.0	52.3	47.8	45.5	52.5	48.9	52.0	45.0	53.0	53.0	50.0	50.3	53.8	51.0	
5 KIRAN	48.8	42.8	53.3	53.8	47.8	47.3	55.0	49.8	52.3	44.8	55.8	55.5	50.0	51.3	56.0	52.2	
MEAN LOCATION	50.1	43.2	52.9	53.0	47.9	46.5	54.0	49.7	53.3	45.0	54.8	54.2	50.2	50.8	55.0	51.9	
C.D. AT 5% =	3.2	0.7	0.9	1.2	1.2	1.6	2.2	1.6	2.6	0.8	1.4	1.2	1.1	1.1	2.2	1.5	
C.V. % =	4.1	1.0	1.1	1.4	1.7	2.2	2.6	-	3.2	1.2	1.7	1.5	1.4	1.4	2.6	-	
F (Prob)	.171	.001	.001	.001	.611	.005	.020	-	.010	.002	.000	.000	.357	.000	.026	-	

TABLE NO. 30 (CONT.)

S1	NO	PEDIGREE	MOISTURE & AT HARVEST												ZN 4			
			DAYS TO 15% DRY HUSK						AT HARVEST						KOLH	MEAN		
			HYDE	KARI	ARBH	ARB1	MAND	COIM	KOLH	MEAN	HYDE	KARI	ARBH	ARB1	MAND	COIM	KOLH	MEAN
	1	COMP. R-2005-2	91.5	81.5	90.3	90.8	85.8	97.5	88.0	89.3	18.7	13.0	32.0	20.1	14.6	20.9	9.3	18.4
	2	D - 131	89.0	80.5	88.8	88.0	86.3	94.8	85.8	87.5	19.5	10.6	32.0	19.7	15.6	19.8	9.6	18.1
		CHECKS:																
	3	PARKASH	90.0	79.8	88.3	88.5	86.5	95.3	88.0	88.0	18.8	11.9	31.1	17.2	14.9	19.9	9.3	17.6
	4	X - 3342	91.3	79.5	88.0	88.3	85.3	94.8	87.3	87.8	19.1	11.8	30.0	19.5	14.3	22.6	9.8	18.2
	5	KIRAN	88.8	80.3	89.3	89.8	85.8	96.5	88.3	88.4	18.6	12.5	31.8	18.6	15.4	22.4	9.4	18.4
		MEAN LOCATION	90.1	80.3	88.9	89.1	85.9	95.8	87.4	88.2	18.9	12.0	31.4	19.0	14.9	21.1	9.5	18.1
		C.D. AT 5% =	3.0	1.4	0.9	1.2	1.6	1.5	1.9	1.6	0.6	1.5	1.3	1.3	0.5	0.1	0.1	0.8
		C.V. % =	2.2	1.2	0.6	0.8	1.2	1.0	1.4	-	2.1	8.0	2.6	4.5	2.2	0.2	1.0	-
		F (Prob)	.221	.081	.001	.001	.492	.005	.081	-	.034	.042	.020	.003	.001	.000	.000	-

S1	NO	PEDIGREE	EAR HEIGHT (cm)												ZN 4			
			PLANT HEIGHT (cm)						EAR HEIGHT (cm)						KOLH	MEAN		
			HYDE	KARI	ARBH	ARB1	MAND	COIM	KOLH	MEAN	HYDE	KARI	ARBH	ARB1	MAND	COIM	KOLH	MEAN
	1	COMP. R-2005-2	200	159	195	193	202	194	200	192	95	69	91	90	111	103	100	94
	2	D - 131	198	153	182	180	192	181	201	184	83	76	88	84	92	94	103	88
		CHECKS:																
	3	PARKASH	198	142	186	178	202	188	185	183	91	67	93	87	103	96	94	90
	4	X - 3342	193	172	189	183	191	185	185	185	86	78	90	91	93	95	86	88
	5	KIRAN	209	171	187	185	199	194	195	191	98	76	92	90	96	94	90	91
		MEAN LOCATION	199	159	188	184	197	188	193	187	91	73	91	88	99	96	95	90
		C.D. AT 5% =	19.9	10.2	6.9	2.7	17.3	6.8	27.9	13.1	9.6	7.1	4.7	3.8	13.7	8.9	27.4	10.7
		C.V. % =	6.5	4.2	2.4	1.0	5.7	2.3	9.4	-	6.9	6.3	3.4	2.8	9.0	6.0	18.8	-
		F (Prob)	.520	.000	.024	.000	.436	.006	.571	-	.029	.017	.306	.010	.048	.178	.684	-

TABLE NO. 30 (CONT.)

SI NO PEDIGREE	GRAIN SHELLING %										STAND AT HARVEST									
	HYDE	KARI	ARBH	ARB1	MAND	COIM	KOLH	ZN 4 MEAN	HYDE	KARI	ARBH	ARB1	MAND	COIM	KOLH	ZN 4 MEAN				
1 COMP R - 2005 - 2	70.5	77.7	80.6	83.6	76.3	83.5	87.4	79.9	97	99	95	69	96	81	81	88				
2 D - 131	69.3	85.3	83.6	62.9	78.4	85.2	82.8	78.2	103	96	103	84	94	76	58	88				
CHECKS:																				
3 PARKASH	73.8	86.0	84.2	84.9	82.5	84.7	91.4	83.9	95	99	102	73	97	77	70	87				
4 X - 3342	74.8	81.9	80.9	83.2	80.5	75.8	89.7	80.9	100	98	105	76	95	82	80	91				
5 KIRAN	73.3	84.7	81.4	83.9	81.2	79.5	82.4	80.9	89	100	93	71	95	72	70	84				
MEAN LOCATION	72.3	83.1	82.1	79.7	79.8	81.7	86.7	80.8	97	98	100	74	95	78	72	88				
C.D. AT 5%	3.4	2.2	2.3	16.5	3.7	0.0	7.6	5.1	8.1	10.0	6.9	10.3	5.8	10.8	25.0	11.0				
C.V. %	3.0	1.7	1.8	13.5	3.0	0.0	5.7	-	5.4	6.6	4.5	9.0	3.9	9.1	22.7	-				
F (Prob)	.020	.000	.014	.058	.022	.000	.084	-	.028	.913	.008	.055	.856	.335	.293	-				

TABLE NO. 31

PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRID & COMPOSITE AT UDAILPUR, BANSWARA, PRATAFGARH, CHEINDINARA IN AET 2nd YEAR, TRIAL No TR7125 DURING KHARIF (2007).

NO PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE										GRAIN YIELD & SUPERIORITY OVER PARKASH									
	UDAI	R	BANS	R	PRAT	R	CHHI	R	CHHI	R	UDAI	BANS	PRAT	CHHI	ZN 5 MEAN					
1 P R O - 368	1742	2	3096	1	2685	1	14844	1	6087	1	6087	1	6087	1	6087	1	1.19	24.41	48.64	25.49
2 D - 131	3061	3	2126	5	1855	5	11038	2	4520	3	4520	3	4520	3	4520	3	-	-	10.52	-
CHECKS:																				
3 PARKASH	4197	1	3060	2	2159	4	9987	4	4850	2	4850	2	4850	2	4850	2	-	-	-	-
4 X - 3342	1999	5	2932	3	2457	2	10320	3	4427	4	4427	4	4427	4	4427	4	-	-	13.82	3.34
5 KIRAN	2289	4	2597	4	2347	3	7852	5	3771	5	3771	5	3771	5	3771	5	-	-	8.71	-
MEAN YIELD=	3053		2762		2301		10808		4731		4731		4731		4731					
MEAN STAND	79		75		75		113		86		86		86		86					
C.D. AT 5%	655		415		283		2845		1050		1050		1050		1050					
C.V. %	14.14		9.90		8.11		17.36		-		-		-		-					
F (Prob)	.000		.159		.001		.002		-		-		-		-					
PLOT SIZE=	14.40		14.40		14.40		16.80		-		-		-		-					
AGRONOMY DATA:																				
SOWING DATE (2007)	23-06		1-07		5-07		5-07		-		-		-		-					
HARVEST DATE (2007)	15-09		22-10		18-10		10-10		-		-		-		-					
IRRIGATION Nos			-		-		-		-		-		-		-					
FERTILIZER APPLIED N	90		100		90		80		-		-		-		-					
P	60		40		40		50		-		-		-		-					
K			-		-		30		-		-		-		-					

TABLE NO. 31 (CONT.)

SI	NO PEDIGREE	GRAIN YIELD & SUPERIORITY OVER X 3342					GRAIN YIELD & SUPERIORITY OVER KIRAN					ZIN 5				
		UDAI	BANS	PRAT	CHHI	MEAN	UDAI	BANS	PRAT	CHHI	MEAN	UDAI	BANS	PRAT	CHHI	MEAN
1	P R O - 368	86.24	5.61	9.30	43.83	37.50	19.22	14.44	89.04	61.40	62.58	19.22	14.44	89.04	61.40	
2	D - 131	57.15	-	-	6.95	2.10	33.69	-	40.56	19.85	33.69	-	-	40.56	19.85	
	CHECKS:															
3	PARKASH	105.98	4.37	-	-	9.57	83.30	17.83	-	28.61	83.30	17.83	-	27.18	28.61	
4	X - 3342	-	-	-	-	-	-	12.89	4.70	31.43	-	-	4.70	31.43	17.38	
5	KIRAN	14.55	-	-	-	-	-	-	-	-	-	-	-	-	-	

SI	NO PEDIGREE	DAYS TO 50% POLLEN SHED					DAYS TO 50% SILKING					DAYS TO 75% DRY HUSK				
		UDAI	BANS	PRAT	CHHI	MEAN	UDAI	BANS	PRAT	CHHI	MEAN	UDAI	BANS	PRAT	CHHI	MEAN
1	P R O - 368	51.3	45.3	48.3	54.0	49.7	53.8	48.5	51.5	55.8	52.4	80.5	84.0	84.0	89.3	84.4
2	D - 131	50.8	43.5	45.0	52.5	47.9	52.5	46.5	48.0	54.0	50.3	78.3	81.0	83.0	88.3	82.6
	CHECKS:															
3	PARKASH	51.0	49.5	48.8	53.3	50.6	52.5	52.8	52.0	54.0	52.8	80.3	85.5	84.5	89.8	85.0
4	X - 3342	48.8	45.5	45.3	52.3	47.9	51.3	48.8	48.0	54.0	50.5	73.5	81.5	81.8	87.8	81.1
5	KIRAN	51.8	46.5	49.5	53.0	50.2	53.3	49.8	53.0	54.5	52.6	78.3	83.0	84.3	88.8	83.6
	MEAN LOCATION	50.7	46.0	47.3	53.0	49.3	52.7	49.3	50.5	54.5	51.7	78.2	83.0	83.5	88.8	83.3
	C.D. AT 5%	1.5	2.5	2.8	0.6	1.9	0.9	2.5	2.8	0.5	1.7	1.5	1.8	1.3	1.2	1.5
	C.V. %	1.9	3.5	3.9	0.8	-	1.2	3.3	3.7	0.6	-	1.3	1.4	1.0	0.8	-
	F (Prob)	.008	.003	.012	.001	-	.001	.002	.005	.000	-	.000	.001	.003	.020	-

TABLE NO. 31 (CONT.)

Sl. No	PEDIGREE	MOISTURE % AT HARVEST					PLANT HEIGHT (cm)					EAR HEIGHT (cm)				
		UDAI	BANS	PRAT	CHHI	MEAN	UDAI	BANS	PRAT	CHHI	MEAN	UDAI	BANS	PRAT	CHHI	MEAN
1	P R O - 368	22.5	16.0	16.0	11.3	16.4	156	125	129	194	151	78	43	38	103	65
2	D - 131	20.9	16.3	16.4	10.3	15.9	156	134	124	215	157	66	58	44	110	70
CHECKS:																
3	PARKASH	22.1	15.5	16.0	10.4	16.0	158	101	109	229	149	93	38	37	121	72
4	X - 3342	20.7	16.0	15.4	10.5	15.6	172	129	126	194	155	98	54	47	104	76
5	KIRAN	22.2	16.0	15.6	10.5	16.1	164	128	124	225	160	82	57	53	113	76
MEAN LOCATION																
	C.D. AT 5%	0.5	0.4	0.3	0.6	0.5	5.3	9.1	11.7	21.4	11.8	5.3	5.3	6.2	16.4	8.3
	C.V. %	1.4	1.7	1.2	3.9	-	2.1	4.8	6.2	6.6	-	4.1	6.9	9.3	9.7	-
	F (Prob)	.000	.039	.000	.046	-	.000	.000	.021	.008	-	.000	.000	.001	.156	-

Sl. No	PEDIGREE	BRAIN SHELLING %					STAND AT HARVEST					ZN 5				
		UDAI	BANS	PRAT	CHHI	MEAN	UDAI	BANS	PRAT	CHHI	MEAN	UDAI	BANS	PRAT	CHHI	MEAN
1	P R O - 368	80.1	72.7	70.7	77.5	75.2	93	71	76	115	89	71	76	115	89	84
2	D - 131	81.7	69.8	68.2	80.3	75.0	76	79	75	108	84	79	75	108	84	84
CHECKS:																
3	PARKASH	83.9	73.2	75.0	81.9	78.5	84	74	75	113	86	74	75	113	86	86
4	X - 3342	80.7	73.4	75.4	75.0	76.1	68	74	77	113	83	74	77	113	83	83
5	KIRAN	78.8	69.5	72.5	77.5	74.6	75	75	75	118	86	75	75	118	86	86
MEAN LOCATION																
	C.D. AT 5%	0.8	2.3	1.6	2.4	1.8	4.2	4.5	5.7	8.7	5.8	4.2	4.5	5.7	8.7	5.8
	C.V. %	0.6	2.1	1.4	1.9	-	3.5	3.9	4.9	5.0	-	3.5	3.9	4.9	5.0	-
	F (Prob)	.000	.005	.000	.000	-	.000	.045	.882	.178	-	.000	.045	.882	.178	-

TABLE NO. 32

PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITE AT ALMORA, BAJAURA, KANGRA, BARAPANI MEGHALAYA IN AET 2nd YEAR, TRIAL No TR72Z1 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE										GRAIN YIELD & SUPERIORITY OVER THE SURYA					
		ALMO					MEGH					ALMO		MEGH			
		R	R	R	R	R	R	R	R	R	R	BAJA	KANG	BAJA	KANG	MEAN	MEAN
1	F H - 3294	5827	5	4816	3	2522	3	5173	5	19.17	10.00	-	2.11	7.41			
2	F H - 3352	7202	2	4243	7	2548	2	5864	1	49.85	35.95	-	3.18	21.77			
3	F Q H - 4567	6212	1	3888	8	2590	1	5567	2	51.63	17.27	-	4.88	15.59			
4	W C - 236 (Y)	4516	7	4938	2	-	-	5397	4	6.67	-	-	-	12.07			
CHECKS:																	
5	SURYA	5298	8	5180	1	2470	5	4816	8	-	-	-	-	-	-	-	-
6	VIVEK HYBRID - 9	6200	3	4723	5	2440	6	5502	3	36.91	17.03	-	-	14.26			
7	VIVEK HYBRID - 17	4656	4	4813	4	2498	4	5149	6	36.66	-	-	1.14	6.93			
8	HIM - 129	5159	6	4679	6	2426	7	4861	7	13.71	-	-	-	0.94			
MEAN YIELD=		5634	8009	4660	2187	5122											
MEAN STAND		92	61	61	61	76											
C.D. AT 5%		1599	1436	653	283	993											
C.V. %		19.41	12.26	9.58	6.43	-											
F (Prob)		.002	.000	.261	.965	-											
PLOT SIZE=		14.40	14.40	9.00	18.00	-											
AGRONOMY DATA:																	
SOWING DATE (2007)		22-06	29-06	25-06	-	-											
HARVEST DATE (2007)		29-09	26-10	25-09	-	-											
IRRIGATION Nos		2	-	-	-	-											
FERTILIZER APPLIED		N	80	120	120	-											
		P	60	60	60	-											
		K	40	40	40	-											

TABLE NO. 32 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE VIVEK HYBRID - 9				GRAIN YIELD & SUPERIORITY OVER THE VIVEK HYBRID - 17				ZN 1 MEAN
		ALMO	BAJA	KANG	MEGH BARA	ALMO	BAJA	KANG	MEGH BARA	
1	F H - 3294	-	-	1.95	3.35	-	25.16	0.05	0.96	0.46
2	F H - 3352	9.45	16.17	-	4.43	6.57	54.69	-	2.02	13.88
3	F Q H - 4567	10.75	0.20	-	6.15	1.17	33.43	-	3.70	8.10
4	W C - 236 (Y)	-	-	4.55	-	-	-	2.59	-	4.81
CHECKS:										
5	SURYA	-	-	9.67	1.22	-	13.78	7.62	-	-
6	VIVEK HYBRID - 9	-	-	-	-	0.19	33.16	-	-	6.86
7	VIVEK HYBRID - 17	-	-	1.90	2.37	-	-	-	-	-
8	HIM - 129	-	-	-	-	-	10.79	-	-	-

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE HIM - 129				DAYS TO 50% POLLEN SHED				ZN 1 MEAN
		ALMO	BAJA	KANG	MEGH BARA	ALMO	BAJA	KANG	MEGH BARA	
1	F H - 3294	4.81	12.97	2.92	3.96	6.41	47.3	45.3	52.0	49.4
2	F H - 3352	31.79	39.61	-	5.05	20.64	45.8	45.0	52.3	48.8
3	F Q H - 4567	33.35	20.43	-	6.78	14.52	48.3	44.8	50.7	49.4
4	W C - 236 (Y)	-	-	5.54	-	11.02	53.3	56.5	43.3	51.0
CHECKS:										
5	SURYA	-	2.70	10.71	1.81	-	48.3	55.0	44.3	49.9
6	VIVEK HYBRID - 9	20.41	20.19	0.95	0.59	13.20	47.0	49.0	43.5	47.9
7	VIVEK HYBRID - 17	20.18	-	2.87	2.97	5.93	46.0	48.5	44.3	47.7
8	HIM - 129	-	-	-	-	-	45.8	53.0	44.3	48.8
MEAN LOCATION										
C.D. AT 5%										
C.V. %										
F (Prob)										

TABLE NO. 32 (CONT.)

No	PEDIGREE	DAYS TO 50% SILKING				DAYS TO 75% DRY HUSK				MOISTURE % AT HARVEST						
		ALMO	BAJA	KANG	MEGH ZN 1 MEAN	ALMO	BAJA	KANG	MEGH ZN 1 MEAN	ALMO	BAJA	KANG	MEGH ZN 1 MEAN			
1	F H - 3294	48.5	55.8	47.3	55.0	51.6	85.8	85.0	80.3	95.0	86.5	30.1	20.6	21.0	25.7	24.4
2	F H - 3352	46.8	54.0	47.0	55.3	50.8	91.8	86.8	79.3	98.0	88.9	26.3	20.3	20.1	23.7	22.6
3	F Q H - 4567	49.5	56.3	46.8	54.0	51.6	90.5	86.5	77.8	96.7	87.9	28.5	20.7	22.1	24.7	24.0
4	W C - 236 (Y)	54.5	59.0	45.5	-	53.0	94.5	85.3	79.0	-	86.3	30.3	20.5	21.6	-	24.1
CHECKS:																
5	SURYA	49.3	57.8	46.5	55.0	52.1	84.0	85.3	78.5	97.0	86.2	22.0	20.4	21.3	23.3	21.8
6	VIVEK HYBRID - 9	48.0	51.3	46.3	55.0	50.1	91.3	85.5	78.0	96.0	87.7	28.2	21.5	21.5	23.3	23.7
7	VIVEK HYBRID - 17	47.0	50.8	46.3	55.0	49.8	86.5	86.5	78.0	96.0	86.8	25.0	20.0	21.1	24.7	22.7
8	HIM - 129	46.8	55.0	47.0	55.0	50.9	85.0	85.5	77.0	97.7	86.3	25.5	20.3	20.8	23.7	22.6
MEAN LOCATION																
C.D. AT 5%		1.6	1.6	1.7	0.4	1.2	1.2	1.6	2.5	0.5	1.4	1.9	0.5	2.3	2.8	1.9
C.V. %		1.5	1.9	2.5	0.4	-	0.9	1.2	2.2	0.3	-	4.9	1.7	7.2	6.6	-
F (Prob)		.001	.000	.499	.000	-	.000	.165	.262	.000	-	.000	.000	.765	.511	-

No	PEDIGREE	PLANT HEIGHT (cm)				EAR HEIGHT (cm)				GRAIN SHELLING %				STAND AT HARVEST						
		ALMO	BAJA	KANG	MEGH ZN 1 MEAN	ALMO	BAJA	KANG	MEGH ZN 1 MEAN	ALMO	BAJA	KANG	MEGH ZN 1 MEAN	ALMO	BAJA	KANG	MEGH ZN 1 MEAN			
1	F H - 3294	235	176	225	175	203	119	80	98	88	96	84.9	79.4	81.0	81.8	94	99	62	71	81
2	F H - 3352	238	167	239	185	207	116	74	99	85	94	87.8	81.0	80.0	82.9	91	98	63	67	80
3	F Q H - 4567	249	171	250	175	211	128	80	101	86	99	88.3	83.2	80.0	83.8	92	99	62	65	79
4	W C - 236 (Y)	279	191	240	-	237	155	96	99	-	117	85.2	80.2	81.5	82.3	91	94	61	-	82
CHECKS:																				
5	SURYA	244	182	254	161	210	134	89	100	78	100	87.6	84.0	84.0	85.2	89	88	60	73	77
6	VIVEK HYBRID-9	239	187	240	155	205	119	77	106	74	94	86.7	81.3	84.0	84.0	92	92	62	62	79
7	VIVEK HYBRID-17	236	172	223	182	203	113	73	94	88	92	87.9	83.0	82.0	84.3	91	74	61	70	74
8	HIM - 129	218	170	215	169	193	110	86	88	89	93	86.0	79.7	81.0	82.2	91	97	60	70	79
MEAN LOCATION																				
C.D. AT 5%		7.7	12.0	33.4	29.7	20.7	7.2	16.4	21.6	23.0	17.0	0.6	1.4	1.7	1.2	4.2	6.7	2.6	9.6	5.8
C.V. %		2.2	4.6	9.7	9.7	-	3.9	13.6	15.0	15.4	-	0.5	1.2	1.4	-	3.1	5.0	2.9	7.8	-
F (Prob)		.000	.003	.237	.361	-	.000	.095	.779	.739	-	.000	.000	.000	-	.574	.000	.333	.650	-

PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRID & COMPOSITE AT HYDERABAD, KARIMNAGAR, ARBHAVI (1), ARBHAVI (2), MANDYA, COIMBATORE, KOLHAPUR IN AET 2nd YEAR, TRIAL No. TR72Z4 DURING Kharif (2007).

GRAIN YIELD (kg/ha) AT 15% MOISTURE

No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												ZN 4			
		HYDE	R	KARI	R	ARB1	R	ARB2	R	MAND	R	COIM	R	KOLH	R	MEAN	R
1	Q H - 4567	550	1	5763	3	6779	2	6271	2	6012	2	12293	1	6686	1	7338	1
2	B V M - 9	5801	2	6586	1	6203	3	4962	3	5198	4	10256	3	4200	5	6315	3
CHECKS:																	
3	SURYA	1207	6	4937	4	4625	6	3729	6	5082	5	9167	6	3133	6	4983	6
4	VIVEK HYBRID - 9	5996	3	6524	2	7712	1	7521	1	6280	1	12137	2	4971	2	7306	2
5	VIVEK HYBRID - 17	4431	5	4406	6	5107	4	4404	4	5369	3	9351	5	4420	4	5363	4
6	HIM - 129	401	4	4468	5	4866	5	4296	5	4308	6	9400	4	4459	3	5314	5
MEAN YIELD=		741		5447		5882		5197		5375		10434		4645		6103	
MEAN STAND		98		100		100		100		95		76		106		96	
S.D. AT 5%		816		700		1093		628		381		1470		954		863	
C.V. % =		152		8.61		12.45		8.10		4.75		9.44		13.76		-	
P (Prob)		000		.000		.000		.000		.000		.000		.000		-	
PLOT SIZE=		14.00		18.00		18.00		18.00		16.80		9.60		14.40		-	
AGRONOMY DATA:																	
SOWING DATE(2007)		25-06		13-07		20-07		20-07		18-07		24-07		6-07		-	
HARVEST DATE(2007)		24-10		5-11		29-11		29-11		27-11		20-11		23-11		-	
IRRIGATION Nos		1		6		5		5		7		8		-		-	
FERTILIZER APPLIED		N 120		120		150		150		150		135		100		-	
P		50		50		75		75		75		63		50		-	
K		40		40		38		38		40		50		30		-	

GRAIN YIELD & SUPERIORITY OVER THE SURYA

No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE SURYA												ZN 4			
		HYDE	R	KARI	R	ARB1	R	ARB2	R	MAND	R	COIM	R	KOLH	R	MEAN	R
1	Q H - 4567	74.59		16.73		46.59		68.15		18.30		34.09		113.42		47.26	
2	B V M - 9	61.57		33.41		34.12		33.06		2.30		11.87		34.06		26.74	
CHECKS:																	
3	SURYA	-		-		-		-		-		-		-		-	
4	VIVEK HYBRID - 9	40.01		32.15		66.76		101.68		23.57		32.39		58.68		46.62	
5	VIVEK HYBRID - 17	30.01		-		10.43		18.11		5.66		2.01		41.09		7.63	
6	HIM - 129	20.37		-		5.21		15.19		-		2.54		42.33		6.65	

TABLE NO. 33 (CONT.)

S1 No	PEDIGREE	DAYS TO 50% POLLEN SHED										DAYS TO 50% SILKING									
		HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN	ZN 4	HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN	ZN 4		
1	F Q H - 4567	48.0	41.5	49.3	49.3	45.3	44.8	49.5	46.8	50.5	43.5	49.5	48.8	46.5	47.5	50.8	48.1				
2	B V M - 9	51.3	44.0	53.0	52.0	48.0	47.3	53.3	49.8	54.5	45.8	53.8	54.5	49.5	51.5	54.3	52.0				
	CHECKS:																				
3	SURYA	49.5	40.8	49.3	49.8	45.0	44.8	50.0	47.0	52.3	43.0	51.0	50.8	47.0	48.3	51.5	49.1				
4	VIVEK HYBRID-9	48.5	41.8	48.3	48.0	46.0	44.3	49.8	46.6	51.5	43.5	48.5	47.8	47.5	46.8	51.0	48.1				
5	VIVEK HYBRID-17	47.0	40.5	48.5	48.5	43.5	44.5	47.5	45.7	50.0	42.3	48.5	48.3	45.5	47.5	48.5	47.2				
6	HIM - 129	48.3	35.3	48.0	48.5	44.5	43.8	46.5	45.5	50.8	41.3	48.3	49.0	46.5	46.8	47.8	47.2				
	MEAN LOCATION	48.8	41.5	49.4	49.3	45.4	44.9	49.4	46.9	51.6	43.2	49.9	49.8	47.1	48.0	50.6	48.6				
	C.D. AT 5%	2.0	1.2	1.1	1.3	1.6	1.3	3.6	1.7	1.9	1.3	1.2	1.3	1.5	1.0	3.5	1.7				
	C.V. %	2.7	1.9	1.5	1.7	2.4	1.9	4.8	-	2.5	2.1	1.6	1.8	2.1	1.4	4.6	-				
	F (Prob)	.006	.000	.000	.000	.001	.001	.019	-	.002	.000	.000	.000	.001	.000	.017	-				

S1 No	PEDIGREE	DAYS TO 75% DRY HUSK										MOISTURE % AT HARVEST									
		HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN	ZN 4	HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN	ZN 4		
1	F Q H - 4567	91.3	81.0	92.3	90.3	91.5	92.5	83.8	88.9	18.8	12.4	26.5	27.4	14.4	17.9	9.3	18.1				
2	B V M - 9	92.8	81.5	96.0	93.0	94.0	96.5	86.5	91.5	17.0	8.3	27.6	31.7	15.3	18.6	9.1	18.2				
	CHECKS:																				
3	SURYA	92.3	79.0	92.3	90.8	91.5	93.3	84.3	89.0	15.8	11.9	28.6	28.0	14.5	17.6	8.6	17.9				
4	VIVEK HYBRID-9	89.8	80.8	91.8	89.5	94.0	91.8	84.3	88.8	17.5	9.8	29.4	28.9	14.9	19.1	9.8	18.5				
5	VIVEK HYBRID-17	90.8	79.0	91.5	89.5	92.5	92.5	82.0	88.3	16.2	10.5	27.5	24.4	14.4	17.9	9.3	17.2				
6	HIM - 129	92.3	78.5	91.0	89.5	89.5	91.8	80.8	87.6	17.7	11.9	26.1	25.6	15.1	16.3	8.9	17.4				
	MEAN LOCATION	91.5	80.0	92.5	90.4	92.2	93.0	83.6	89.0	17.2	10.8	27.6	27.7	14.8	17.9	9.2	17.9				
	C.D. AT 5%	1.9	1.2	1.0	1.4	2.2	1.0	3.1	1.7	1.0	1.1	2.7	2.6	0.7	0.2	0.3	1.2				
	C.V. %	1.4	1.0	0.7	1.0	1.6	0.7	2.4	-	3.8	6.8	6.6	6.3	3.1	0.6	2.5	-				
	F (Prob)	.038	.000	.000	.001	.004	.000	.019	-	.000	.000	.166	.001	.059	.000	.000	-				

TABLE NO. 33 (CONT.)

Sl No	PEDIGREE	PLANT HEIGHT (cm)						EAR HEIGHT (cm)						ZN 4			
		HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN	HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN
1	F Q H - 4567	184	141	189	184	172	175	179	175	68	55	88	78	80	127	89	84
2	B V M - 9	203	169	205	199	185	190	180	190	84	81	107	92	79	147	89	97
CHECKS:																	
3	SURYA	165	144	183	169	175	165	174	168	71	59	73	79	75	124	89	81
4	VIVEK HYBRID-9	179	147	182	181	174	174	173	173	73	59	86	78	74	126	83	82
5	VIVEK HYBRID-17	155	130	154	148	160	164	170	154	56	48	69	58	66	107	88	70
6	HIM - 129	148	127	161	168	165	161	165	156	61	48	73	73	77	113	83	75
MEAN LOCATION																	
	C.D. AT 5%	19.3	2.5	5.4	5.7	13.9	3.5	16.8	10.3	15.8	7.4	5.1	3.8	16.9	9.1	13.6	10.2
	C.V. %	7.5	3.5	2.0	2.2	5.4	1.4	6.4	-	15.3	8.5	4.1	3.3	14.9	4.9	10.4	-
	F (Prob)	.000	.000	.000	.000	.026	.000	.453	-	.032	.000	.000	.000	.532	.000	.790	-

Sl No	PEDIGREE	GRAIN SHELLING %						STAND AT HARVEST						ZN 4			
		HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN	HYDE	KARI	ARB1	ARB2	MAND	COIM	KOLH	MEAN
1	F Q H - 4567	79.0	83.5	83.3	83.7	86.5	82.8	91.3	84.3	102	98	107	98	98	80	111	99
2	B V M - 9	74.8	81.8	81.9	82.1	82.5	83.9	88.3	82.2	95	105	107	106	93	70	118	99
CHECKS:																	
3	SURYA	71.0	85.7	85.1	84.3	84.9	83.6	92.2	83.8	91	99	99	101	97	78	91	94
4	VIVEK HYBRID-9	74.1	83.2	83.2	84.1	81.4	80.9	78.9	80.8	97	107	109	107	94	73	111	100
5	VIVEK HYBRID-17	77.3	85.8	82.8	82.3	81.2	81.5	87.8	82.7	96	88	77	85	94	70	103	88
6	HIM - 129	76.8	83.5	78.1	78.2	72.5	82.8	83.4	79.3	104	104	98	102	93	83	105	99
MEAN LOCATION																	
	C.D. AT 5%	2.0	2.4	0.7	0.5	4.0	0.2	6.2	2.3	10.8	8.1	11.3	13.1	5.9	10.7	23.9	12.0
	C.V. %	1.8	1.9	0.6	0.4	3.3	0.1	4.8	-	7.3	5.4	7.6	8.7	4.1	9.4	14.9	-
	F (Prob)	.000	.019	.000	.000	.000	.000	.003	-	.180	.003	.000	.032	.359	.080	.289	-

TABLE NO. 34

PERFORMANCE OF FULL SEASON QPM EXPERIMENTAL HYBRIDS AT BAJAURA, LUDHIANA, KARNAL, VARANASI, JASHIPUR, HYDERABAD ARBHAVI, UDAIPUR, CHHINDIWARA IN IET, TRIAL No. TRQPMI DURING KHARIF (2007).

Sl	GRAIN YIELD (kg/ha) AT 15% MOISTURE																			
	ZN 1			ZN 2			ZN 3			ZN 4										
No PEDIGREE	BAJA	R	LUDH	R	KARN	R	VARA	R	JASH	R	HYDE	R	ARGH	R	MEAN	R				
1 V E H QPM - 3027	4214	4	5159	2	8203	2	6681	3	8012	1	4880	4	6446	1	7753	2	6719	3	7236	2
2 HQPM - 13	4669	2	6914	1	8164	3	7539	1	6771	4	5760	1	6266	2	4931	4	6719	4	5825	4
3 HQPM - 14	4497	3	5158	3	8659	1	6908	2	7019	2	5177	3	6098	4	7539	3	6781	2	7160	3
CHECKS:																				
4 HQPM 1	4144	1	4697	4	7837	4	6267	4	6814	3	5425	2	6120	3	7878	1	7300	1	7589	1
MEAN YIELD=	4631		5482		8216		6849		7154		5311		6232		7025		6880		6953	
MEAN STAND	28		39		28		33		36		28		32		32		32		32	
C.D. AT 5%	602		594		1015		805		893		190		541		660		731		695	
C.V. %	10.76		8.97		10.23		-		10.33		2.95		-		7.77		8.79		-	
F (Prob)	027		.004		.573		-		.021		.053		-		.000		.002		-	
PLOT SIZE=	4.80		4.80		5.60		-		4.80		4.80		-		6.00		6.00		-	
AGRONOMY DATA:																				
SOWING DATE (2007)	30-06		3-07		3-07		-		3-07		19-07		-		3-07		20-07		-	
HARVEST DATE (2007)	16-10		17-10		4-10		-		9-10		14-11		-		3-11		13-11		-	
IRRIGATION Nos	2		6		5		-		1		-		-		1		5		-	
FERTILIZER APPLIED N	120		125		150		-		120		120		-		120		150		-	
P	60		60		60		-		60		60		-		60		75		-	
K	40		-		60		-		40		60		-		40		38		-	
LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : DMRD 20.4% ; DHOL 27.2% ; KOLH 23.1%																				

TABLE NO. 34 (CONT.)

S1 No PEDIGREE	DAYS TO 50% POLLEN SHED																	
	ZN 1	BAJA	LU DH	KARN	MEAN	VARA	JASH	MEAN	ZN 3	HYDE	ARBH	MEAN	ZN 4	UDAI	CHHI	MEAN	ZN 5	OV'L
1 V E H QPM - 3027	64.2	56.0	49.3	52.7	51.8	55.2	53.5	53.0	59.7	56.3	54.8	60.0	57.4	56.0				
2 HQPM - 13	64.8	53.5	48.5	51.0	50.0	53.0	51.5	52.3	57.3	54.8	52.3	59.3	55.8	54.6				
3 HQPM - 14	64.5	54.2	48.8	51.5	51.0	54.5	52.8	51.8	58.3	55.1	55.5	58.7	57.1	55.3				
CHECKS:																		
4 HQPM 1	63.8	55.7	49.7	52.7	50.2	54.5	52.3	53.3	58.3	55.8	58.3	58.3	58.3	55.8				
MEAN LOCATION	64.3	54.8	49.1	52.0	50.8	54.3	52.5	52.6	58.4	55.5	55.2	59.1	57.1	55.4				
C.D. AT 5%	1.9	1.4	1.3	1.4	0.6	1.1	0.9	1.4	1.3	1.3	2.3	1.9	2.1	-				
C.V. %	2.4	2.1	2.2	-	1.0	1.6	-	2.2	1.8	-	2.6	1.6	-	-				
F (Prob)	.001	.006	.279	-	.000	.004	-	.147	.012	-	.002	.240	-	-				

S1 No PEDIGREE	DAYS TO 50% SILKING																	
	ZN 1	BAJA	LU DH	KARN	MEAN	VARA	JASH	MEAN	ZN 3	HYDE	ARBH	MEAN	ZN 4	UDAI	CHHI	MEAN	ZN 5	OV'L
1 V E H QPM - 3027	66.5	57.8	52.2	55.0	57.7	57.8	57.8	57.8	55.5	60.5	58.2	58.8	61.7	60.2	58.8			
2 HQPM - 13	67.2	55.0	51.2	53.1	54.0	55.5	54.8	54.7	59.2	56.9	55.0	60.3	57.7	56.9				
3 HQPM - 14	66.8	55.7	51.7	53.7	55.7	57.2	56.4	54.2	59.7	56.9	59.8	59.7	59.7	57.8				
CHECKS:																		
4 HQPM 1	66.2	57.8	52.5	55.2	55.5	57.7	56.6	56.0	59.6	57.9	62.5	60.3	61.4	58.7				
MEAN LOCATION	66.7	56.6	51.9	54.2	55.7	57.0	56.4	55.1	59.9	57.5	59.0	60.5	59.8	58.0				
C.D. AT 5%	2.0	1.7	1.4	1.5	0.9	1.5	1.2	1.7	1.4	1.6	2.6	0.9	1.7	-				
C.V. %	2.5	2.5	2.1	-	1.3	2.1	-	2.6	1.9	-	2.7	0.7	-	-				
F (Prob)	.748	.005	.212	-	.000	.017	-	.152	.110	-	.001	.008	-	-				

TABLE NO. 34 (CONT)

Sl No	PEDIGREE	DAYS TO 75% DRY HUSK													
		BAJA	LU DH	KARN	ZN 2 MEAN	VARA	JASH	ZN 3 MEAN	HYDE	ARBH	ZN 4 MEAN	UDAI	CHHI	ZN 5 MEAN	OV'L MEAN
1	V E H QPM - 3027	97.7	93.7	84.2	88.9	60.8	94.5	77.7	95.8	90.8	93.3	94.3	93.7	94.0	89.5
2	HQPM - 13	97.0	92.8	84.7	88.8	60.7	93.2	76.9	95.3	88.3	91.8	84.5	91.7	88.1	87.6
3	HQPM - 14	98.8	91.0	84.0	87.5	61.5	92.3	76.9	95.2	89.3	92.3	90.5	93.3	91.9	88.4
CHECKS:															
4	HQPM 1	98.2	95.0	85.2	90.1	59.5	96.3	77.9	97.0	89.3	93.2	94.8	92.7	93.7	89.8
MEAN LOCATION		97.9	93.1	84.5	88.8	60.6	94.1	77.4	95.8	89.5	92.6	91.0	92.8	91.9	88.8
C.D. AT 5%		1.3	1.2	1.3	1.2	2.2	1.2	1.7	2.1	1.4	1.7	1.5	0.6	1.0	-
C.V. %		1.1	1.0	1.2	-	3.0	1.0	-	1.8	1.2	-	1.0	0.3	-	-
F (Prob)		.056	.000	.251	-	.318	.000	-	.269	.011	-	.000	.000	-	-

Sl No	PEDIGREE	MOISTURE % AT HARVEST													
		BAJA	LU DH	KARN	ZN 2 MEAN	VARA	JASH	ZN 3 MEAN	HYDE	ARBH	ZN 4 MEAN	UDAI	CHHI	ZN 5 MEAN	OV'L MEAN
1	V E H QPM - 3027	21.8	27.7	31.4	29.5	30.9	19.2	25.1	24.0	32.5	28.2	22.8	15.5	19.1	25.1
2	HQPM - 13	20.6	21.6	34.4	28.0	29.0	18.4	23.7	23.8	29.1	26.5	21.0	14.9	17.9	23.7
3	HQPM - 14	20.4	23.8	33.0	28.4	29.0	17.9	23.4	22.1	31.2	26.7	20.6	12.5	16.5	23.4
CHECKS:															
4	HQPM 1	22.3	24.4	32.7	28.5	34.5	18.0	26.3	21.6	33.5	27.5	23.6	14.9	19.3	25.1
MEAN LOCATION		21.3	24.4	32.9	28.6	30.9	18.4	24.6	22.9	31.6	27.2	22.0	14.4	18.2	24.3
C.D. AT 5%		1.0	0.7	0.0	0.3	0.6	0.3	0.4	0.6	1.4	1.0	0.4	3.8	2.1	-
C.V. %		3.7	2.2	0.0	-	1.5	1.5	-	2.3	3.7	-	1.2	13.0	-	-
F (Prob)		.001	.000	-	-	.000	.000	-	.000	.000	-	.000	.307	-	-

TABLE NO. 34 (CONT.)

Sl No	PEDIGREE	PLANT HEIGHT (cm)														
		ZN 1	BAJA	LU DH	KARN	ZN 2	VARA	JASH	ZN 3	HYDE	ARBH	ZN 4	UDAI	CHHI	ZN 5	OV'L
1	V E H QPM - 3027	195	172	168	170	210	182	196	196	236	198	217	226	245	236	204
2	HQPM - 13	192	170	175	173	173	170	172	172	225	196	211	209	218	214	192
3	HQPM - 14	195	174	183	179	200	185	192	192	234	198	216	210	233	222	201
CHECKS:																
4	HQPM 1	193	157	163	160	182	169	175	175	227	188	207	208	202	205	187
MEAN LOCATION																
		194	168	173	170	191	176	184	184	230	195	213	213	225	219	196
	C.D. AT 5%	12.3	11.0	11.9	11.4	5.7	5.7	5.7	5.7	13.5	3.4	8.5	32.4	29.4	30.9	-
	C.V. %	5.2	5.3	5.6	-	2.4	2.6	-	4.8	1.4	-	9.5	6.5	-	-	-
	F (Prob)	.942	.017	.015	-	.000	.000	-	.270	.000	-	.559	.047	-	-	-

Sl No	PEDIGREE	EAR HEIGHT (cm)														
		ZN 1	BAJA	LU DH	KARN	ZN 2	VARA	JASH	ZN 3	HYDE	ARBH	ZN 4	UDAI	CHHI	ZN 5	OV'L
1	V E H QPM - 3027	93	81	88	85	100	85	92	92	110	95	103	125	120	123	100
2	HQPM - 13	94	70	90	80	78	74	76	76	98	86	92	96	97	96	87
3	HQPM - 14	95	81	100	90	93	82	88	88	108	91	99	111	117	114	98
CHECKS:																
4	HQPM 1	89	71	82	76	78	69	74	74	84	85	84	98	82	90	82
MEAN LOCATION																
		93	76	90	83	88	78	83	83	100	89	94	107	104	106	91
	C.D. AT 5%	16.3	8.3	14.3	11.3	5.9	3.8	4.9	4.9	9.0	2.6	5.8	21.2	16.3	18.7	-
	C.V. %	14.3	8.9	12.9	-	5.5	4.0	-	7.3	2.3	-	12.3	7.9	-	-	-
	F (Prob)	.845	.015	.094	-	.000	.000	-	.000	.000	-	.041	.004	-	-	-

TABLE NO. 34 (CONT.)

S1 No PEDIGREE	GRAIN SHELLING %										OV'L MEAN
	ZN 1	ZN 2	VARA	JASH	ZN 3 MEAN	ZN 4 HYDE	UDAI	CHHI	ZN 5 MEAN	OV'L MEAN	
1 V E H QPM - 3027	81.3	83.3	79.8	77.5	78.7	78.6	66.1	82.6	74.3	78.5	
2 HQPM - 13	81.8	85.5	78.2	78.0	78.1	75.0	75.0	77.8	76.4	78.8	
3 HQPM - 14	80.6	84.7	80.0	77.5	78.8	78.7	73.7	82.6	78.1	79.7	
CHECKS:											
4 HQPM 1	80.2	82.6	79.2	78.9	79.0	78.8	80.9	74.2	77.5	79.2	
MEAN LOCATION	81.0	84.0	79.3	78.0	78.6	77.8	73.9	79.3	76.6	79.0	
C.D. AT 5% =	0.7	0.0	0.6	0.2	0.4	1.5	8.9	1.7	5.3	-	
C.V. % =	0.8	0.0	0.6	0.2	-	1.6	7.5	1.1	-	-	
F (Prob)	.002	-	.000	.000	-	.000	.029	.000	-	-	

S1 No PEDIGREE	STAND AT HARVEST										OV'L MEAN
	BAJA	LUDH	KARN	VARA	JASH	HYDE	ARBH	UDAI	CHHI	OV'L MEAN	
1 V E H QPM - 3027	31	41	28	36	29	32	36	37	32	33	
2 HQPM - 13	29	35	28	34	27	30	27	28	19	29	
3 HQPM - 14	26	40	28	36	28	33	30	33	31	32	
CHECKS:											
4 HQPM 1	27	39	28	37	28	32	36	39	29	33	
MEAN LOCATION	28	39	28	36	28	32	32	34	28	32	
C.D. AT 5% =	7.7	1.4	2.6	1.6	2.2	4.2	4.5	6.5	15.2	-	
C.V. % =	22.1	3.0	7.5	3.6	6.4	11.0	11.4	11.9	27.2	-	
F (Prob)	.646	.000	.973	.024	.518	.632	.001	.029	.230	-	

TABLE NO. 35

PERFORMANCE OF FULL SEASON QPM EXPERIMENTAL HYBRIDS AT BAJAURA, DMRD DELHI, LUDHIANA, KARNAL, VARANASI, JASHIPUR, HYDERABAD, ARBHAVI, KOLHAPUR, UDAIPUR, CHHINDIWARA IN AET 1st YEAR, TRQPM2 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE																							
		ZN 1			DELH			LUDH			KARN			ZN 2			VARA			JASH			ZN 3		
		BAJA	R	DMRD	R	LUDH	R	KARN	R	MEAN	R	MEAN	R	MEAN	R	MEAN	R	MEAN	R	MEAN	R	MEAN	R	MEAN	
1	V QPM - 306	5626	2	4608	2	6653	4	8282	1	6515	3	5809	3	4918	3	5364	3								
2	J H QPM - 193	5765	1	5051	1	6873	2	7749	3	6558	2	6593	1	5415	2	6004	2								
3	HQPM - 8	5257	3	3875	4	8325	1	7886	2	6695	1	5563	4	4455	4	5009	4								
CHECKS:																									
4	H QPM - 1	4862	4	4520	3	6856	3	7531	4	6302	4	6187	2	5893	1	6040	1								
	MEAN YIELD=	5378		4513		7177		7862		6517		6038		5170		5604									
	MEAN STAND	63		65		76		54		65		66		59		63									
	C.D. AT 5% =	862		715		931		817		821		624		130		377									
	C.V. % =	11.89		13.11		10.74		8.60		-		8.55		2.09		-									
	F (Prob)	.146		.012		.626		.118		-		.006		.000		-									
	PLOT SIZE=	9.60		12.00		9.60		11.20		-		9.60		9.60		-									
AGRONOMY DATA:																									
	SOWING DATE (2007)	30-06		2-07		3-07		3-07		-		4-07		19-07		-									
	HARVEST DATE (2007)	16-10		9-10		17-10		4-10		-		5-10		15-11		-									
	IRRIGATION Nos	2		1		6		5		-		1		-		-									
	FERTILIZER APPLIED N	120		120		125		150		-		120		120		-									
	P	60		60		60		60		-		60		60		-									
	K	40		40		-		60		-		40		60		-									

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : DHOL 42.0%

TABLE NO. 35 (CONT)

S1 No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												OV'L			
		HYDE	R	ARBH	R	KOLH	R	ZN 4 MEAN	R	UDAI	R	CHHI	R	ZN 5 MEAN	R	MEAN	R
1	V QPM - 306	7744	2	6957	2	5614	3	6771	3	4902	3	10868	2	7885	3	6544	3
2	J H QPM - 193	7174	3	6373	3	5562	4	6370	4	8393	2	11205	1	9799	1	6923	1
3	HQPM - 8	8165	1	6345	4	6441	1	6984	1	4262	4	9848	3	7055	4	6402	4
CHECKS:																	
4	H QPM - 1	6974	4	7212	1	6343	2	6843	2	9838	1	9632	4	9735	2	6895	2
	MEAN YIELD=	7514		6722		5990		6742		6849		10388		8619		6691	
	MEAN STAND	69		56		92		72		65		59		62		66	
	C.D. AT 5%=	833		760		994		862		1372		2149		1760		926	
	C.V. %	9.17		9.36		13.73		-		12.87		10.71		-		-	
	F (Prob)	.089		.055		.139		-		.000		.021		-		-	
	PLOT SIZE=	12.00		12.00		12.00		-		9.60		11.20		-		-	
AGRONOMY DATA:																	
	SOWING DATE (2007)	3-07		2-08		16-07		-		2-07		6-07		-		-	
	HARVEST DATE (2007)	2-11		12-12		20-11		-		15-10		25-10		-		-	
	IRRIGATION Nos	1		7		-		-		1		-		-		-	
	FERTILIZER APPLIED N	120		150		120		-		90		120		-		-	
	P	60		75		60		-		60		80		-		-	
	K	40		38		40		-		-		60		-		-	

TABLE NO. 35 (CONT.)

GRAIN YIELD & SUPERIORITY OVER THE H QPM - 1											
S1 NO PEDIGREE	ZN 1			ZN 2			ZN 3			ZN 4	
	BAJA	DELH	DMRD	LUDH	KARN	MEAN	VARA	JASH	MEAN	CHHI	OV'L
1 V QPM - 306	15.70	1.95	-	-	9.98	3.37	-	-	-	-	-
2 J H QPM - 193	18.55	11.75	-	0.25	2.90	4.06	6.56	-	-	-	-
3 HQPM - 8	8.12	-	-	21.42	4.71	6.23	-	-	-	-	-
CHECKS:											
4 H QPM - 1	-	-	-	-	-	-	-	-	-	-	-

GRAIN YIELD & SUPERIORITY OVER THE H QPM - 1												
S1 NO PEDIGREE	ZN 1			ZN 2			ZN 3			ZN 4		
	HYDE	ARBH	KOLH	MEAN	UDAI	CHHI	MEAN	UDAI	CHHI	MEAN	OV'L	
1 V QPM - 306	11.05	-	-	-	-	12.83	-	-	-	-	-	
2 J H QPM - 193	2.88	-	-	-	-	16.33	0.66	0.40	-	-	-	
3 HQPM - 8	17.08	-	1.55	2.06	-	2.24	-	-	-	-	-	
CHECKS:												
4 H QPM - 1	-	-	-	-	-	-	-	-	-	-	-	

DAYS TO 50% POLLEN SHED																	
S1 NO PEDIGREE	ZN 1			ZN 2			ZN 3			ZN 4			ZN 5				
	BAJA	DELH	DMRD	LUDH	KARN	MEAN	VARA	JASH	MEAN	HYDE	ARBH	KOLH	MEAN	UDAI	CHHI	MEAN	OV'L
1 V QPM - 306	61.8	57.0	53.3	49.2	53.2	51.5	54.8	53.2	51.8	57.3	57.2	55.4	63.3	59.7	61.5	56.1	-
2 J H QPM - 193	61.2	55.5	51.2	48.7	51.8	49.7	51.3	50.5	51.7	56.2	55.3	54.4	52.5	58.0	55.3	53.7	-
3 HQPM - 8	63.8	54.7	51.3	48.8	51.6	50.7	52.8	51.8	50.0	55.8	55.0	53.6	51.5	59.3	55.4	54.0	-
CHECKS:																	
4 H QPM - 1	63.0	57.3	51.8	50.5	53.2	51.3	55.0	53.2	52.7	57.6	57.7	56.1	59.3	58.7	59.0	55.9	-
MEAN LOCATION	62.5	56.1	51.9	49.3	52.4	50.8	53.5	52.1	51.5	56.8	56.3	54.9	56.6	58.9	57.8	54.9	-
C.D. AT 5%	2.0	1.8	1.3	1.3	1.5	0.7	1.0	0.9	0.8	1.0	2.4	1.4	2.3	1.8	2.0	-	-
C.V. %	2.3	2.7	2.1	2.1	-	1.1	1.5	-	1.3	1.4	3.5	-	2.5	1.5	-	-	-
F (Prob)	.056	.024	.013	.035	-	.000	.000	-	.000	.001	.086	-	.000	.211	-	-	-

TABLE NO. 35 (CONT.)

DAYS TO 50% SILKING																			
S1	NO PEDIGREE	ZN 1 DELH		ZN 2		ZN 3		ZN 4		ZN 5		OV'L							
		BAJA	DNRD	LUDH	KARN	MEAN	VARA	JASH	MEAN	HYDE	ARBH	KOLH	MEAN	UDAI	CHHI	MEAN	UDAI	CHHI	MEAN
1	V QPM - 306	64	4	59.7	54.3	51.8	55.3	57.3	58.5	57.9	54.2	59.0	59.7	57.6	66.8	61.0	63.9	58.8	
2	J H QPM - 193	63	6	57.5	52.3	51.3	53.7	54.0	53.8	53.9	53.8	56.0	55.7	55.2	56.0	60.0	58.0	55.8	
3	HQPM - 8	66	6	57.5	52.7	51.3	53.8	55.2	55.8	55.5	53.0	57.2	55.5	55.2	53.5	60.7	57.1	56.3	
CHECKS:																			
4	H QPM - 1	55	4	59.7	53.0	53.0	55.2	56.2	58.2	57.2	55.5	59.2	57.3	57.3	62.3	60.3	61.3	58.2	
MEAN LOCATION																			
C.D. AT 5% =																			
C.V. % =																			
F (Prob) =																			
DAYS TO 75% DRY HUSK																			
S1	NO PEDIGREE	ZN 1		ZN 2		ZN 3		ZN 4		ZN 5		OV'L							
		BAJA	LUDH	KARN	MEAN	VARA	JASH	MEAN	HYDE	ARBH	KOLH	MEAN	UDAI	CHHI	MEAN				
1	V QPM - 306	97	4	93.3	84.8	89.1	87.2	92.8	90.0	95.0	92.0	96.8	94.6	99.3	93.7	96.5	93.2		
2	J H QPM - 193	97	2	92.2	84.8	88.5	85.7	92.7	89.2	95.0	91.8	92.8	93.2	90.8	92.3	91.5	91.5		
3	HQPM - 8	99	2	92.5	84.7	88.6	86.0	91.8	88.9	94.8	91.3	92.5	92.9	93.0	91.7	92.3	91.8		
CHECKS:																			
4	H QPM - 1	98	2	94.8	84.7	89.8	86.3	96.2	91.3	95.8	92.0	95.7	94.5	94.5	91.7	93.1	93.0		
MEAN LOCATION																			
C.D. AT 5% =																			
C.V. % =																			
F (Prob) =																			
MOISTURE % AT HARVEST																			
S1	NO PEDIGREE	ZN 1 DELH		ZN 2		ZN 3		ZN 4		ZN 5		OV'L							
		BAJA	DNRD	LUDH	KARN	MEAN	VARA	JASH	MEAN	HYDE	ARBH	KOLH	MEAN	UDAI	CHHI	MEAN			
1	V QPM - 306	24	9	4.5	27.1	31.9	31.2	34.0	18.5	26.2	22.1	25.2	12.3	19.8	21.5	13.5	17.5	24.1	
2	J H QPM - 193	25	1	4.7	27.5	33.8	32.0	31.6	18.6	25.1	23.8	21.6	12.3	19.2	22.2	13.5	17.9	24.1	
3	HQPM - 8	21	6	30.0	27.4	31.8	29.7	30.8	18.6	24.7	21.0	18.5	12.5	17.3	20.7	16.3	18.5	22.7	
CHECKS:																			
4	H QPM - 1	22	1	36.5	24.5	32.5	31.1	35.2	18.3	26.7	21.6	25.7	12.1	19.8	23.3	17.5	20.4	24.5	
MEAN LOCATION																			
C.D. AT 5% =																			
C.V. % =																			
F (Prob) =																			

TABLE NO. 35 (CONT.)

S1 NO PEDIGREE	PLANT HEIGHT (cm)															
	ZN 1 DELH	ZN 2 MEAN	ZN 3 MEAN	ZN 4 MEAN	ZN 5 OV'L MEAN	BAJA	DNRD	LU DH	KARN	VARA	JASH	HYDE	ARSH	KOLH	UDAI	CHHI
1 V QPM - 306	213	161	197	185	181	187	181	184	233	192	210	212	227	230	228	201
2 J H QPM - 193	204	149	177	172	166	182	166	174	209	190	180	193	197	213	205	185
3 HQPM - 8	208	148	182	180	170	172	168	170	217	182	197	198	227	218	223	191
CHECKS:																
4 H QPM - 1	192	151	171	173	165	167	169	168	223	183	195	200	218	208	213	186
MEAN LOCATION	204	152	181	178	170	177	171	174	221	187	195	201	217	218	217	191
C.D. AT 5%	13.1	8.8	10.1	10.6	9.8	8.0	6.4	7.2	14.2	7.8	26.2	16.1	4.8	25.3	15.1	-
C.V. %	4.7	4.7	4.5	4.9	-	3.7	3.0	-	5.2	3.4	10.9	-	1.4	5.8	-	-
F (Prob)	.027	.024	.000	.061	-	.000	.001	-	.016	.037	.161	-	.000	.283	-	-

S1 NO PEDIGREE	EAR HEIGHT (cm)															
	ZN 1 DELH	ZN 2 MEAN	ZN 3 MEAN	ZN 4 MEAN	ZN 5 OV'L MEAN	BAJA	DNRD	LU DH	KARN	VARA	JASH	HYDE	ARSH	KOLH	UDAI	CHHI
1 V QPM - 306	105	81	101	97	93	83	85	84	107	94	107	102	115	118	117	99
2 J H QPM - 193	106	81	93	93	89	98	84	91	93	92	93	93	100	120	110	96
3 HQPM - 8	103	79	96	90	88	85	78	81	98	87	99	95	120	105	113	95
CHECKS:																
4 H QPM - 1	89	70	85	85	80	62	74	68	88	83	85	85	103	85	94	83
MEAN LOCATION	101	78	94	91	88	82	80	81	97	89	96	94	110	107	108	93
C.D. AT 5%	15.9	11.6	11.6	10.9	11.4	6.9	5.5	6.2	14.3	5.4	19.4	13.0	12.6	21.8	17.2	-
C.V. %	11.5	12.1	10.1	9.7	-	6.8	5.6	-	12.1	4.9	16.4	-	7.2	10.2	-	-
F (Prob)	.140	.193	.065	.175	-	.000	.002	-	.083	.003	.154	-	.016	.025	-	-

TABLE NO. 35 (CONT)

Sl No	PEDIGREE	GRAIN SHELLING %												OV'L MEAN	
		ZN 1	ZN 2	VARA	JASH	MEAN	ZN 3	HYDE	ARBH	KOLH	MEAN	ZN 4	UDAI		CHHI
1	V QPM - 306	84.7	82.5	76.5	77.4	76.9	80.7	83.1	81.7	81.7	81.8	53.2	81.4	67.3	77.9
2	J H QPM - 193	88.0	81.7	79.7	78.9	79.3	77.7	85.9	84.3	82.6	84.4	84.4	84.5	84.4	82.8
3	HQPM - 8	86.4	84.4	79.5	78.4	78.9	77.8	83.2	83.4	81.5	69.8	82.8	82.8	76.3	80.6
CHECKS:															
4	H QPM - 1	85.7	74.5	78.3	79.7	79.0	77.0	84.1	78.4	79.8	84.0	81.4	81.4	82.7	80.3
MEAN LOCATION															
	C.D. AT 5%	2.6	4.8	0.7	0.3	0.5	1.5	1.3	1.8	1.5	14.1	7.3	10.7	-	-
	C.V. %	2.1	4.8	0.7	0.3	-	1.6	1.3	1.8	-	12.1	4.5	-	-	-
	F (Prob)	.082	.003	.000	.000	-	.001	.001	.000	-	.002	.706	-	-	-

Sl No	PEDIGREE	STAND AT HARVEST												OV'L MEAN
		DELH	BAJA	DMRD	LUDH	KARN	VARA	JASH	HYDE	ARBH	KOLH	UDAI	CHHI	
1	V QPM - 306	61	65	76	56	66	58	69	56	95	74	69	68	
2	J H QPM - 193	64	66	78	52	67	61	70	54	89	63	55	65	
3	HQPM - 8	62	63	72	54	66	59	69	56	92	56	47	63	
CHECKS:														
4	H QPM - 1	65	68	77	54	66	59	67	60	91	67	65	67	
MEAN LOCATION														
	C.D. AT 5%	4.5	2.0	2.6	2.9	2.5	3.4	12.7	7.1	10.3	8.8	12.0	-	
	C.V. %	5.2	2.4	2.8	4.3	3.1	4.7	15.0	10.3	9.1	8.5	10.2	-	
	F (Prob)	.180	.000	.001	.029	.384	.207	.980	.429	.701	.010	.016	-	

TABLE NO. 36

PERFORMANCE OF FULL SEASON QPM EXPERIMENTAL HYBRIDS AT DMRD DELHI, LUDHIANA, KARNAL, JASHIPUR, HYDERABAD ARBHAVI, KOLHAPUR, UDAIPUR, CHHINDIWARA IN AET 2nd YEAR, TRIAL No. TRQPM3 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												Zn 4 MEAN					
		DELH	DMRD	LUDH	R	KARN	R	MEAN	ZN 2	JASH	R	HYDE	R		ARBH	R	KOLH	R	
1	HQPM - 6	3300	3	3488	3	8956	1	5248	3	5143	3	6678	2	7897	2	4658	3	6411	2
2	HQPM - 7	5467	1	7497	1	8364	3	7109	1	5768	2	6758	1	8683	1	5111	1	6851	1
CHECKS:																			
3	HQPM - 1	4669	2	6095	2	8424	2	6396	2	5907	1	6517	3	7596	3	4689	2	6267	3
	MEAN YIELD=	4478		5693		8581		6251		5606		6651		8058		4820		6510	
	MEAN STAND	37		40		30		36		29		33		32		24		30	
	C.D. AT 5% =	564		1242		788		865		241		781		1132		1055		989	
	C.V. % =	10.17		17.62		7.42		-		3.47		9.48		11.35		17.67		-	
	F (Prob)	.000		.000		.334		-		.003		.432		.212		.411		-	
	PLOT SIZE=	6.00		4.80		5.60		-		4.80		6.00		6.00		6.00		-	
AGRONOMY DATA:																			
	SOWING DATE (2007)	2-07		3-07		3-07		-		19-07		3-07		20-07		12-07		-	
	HARVEST DATE (2007)	9-10		17-10		4-10		-		16-11		2-11		7-11		27-11		-	
	IRRIGATION Nos	1		6		5		-		-		1		5		-		-	
	FERTILIZER APPLIED N	120		125		150		-		120		120		150		120		-	
	F	60		60		60		-		60		60		75		60		-	
	K	40		-		60		-		60		40		38		40		-	

LOCATIONS REJECTED DUE TO HIGH C.V. (1.0 > 20%) : BAJA 32.8% ; VARA 25.8% ; DHOL 21.8%

TABLE NO. 36 (CONT'D)

S1 NO PEDIGREE	DAYS TO 50% POLLEN SHED													
	DELH	DMRD	LU DH	KARN	ZN 2 MEAN	JASH	HYDE	ARBH	KOLH	ZN 4 MEAN	UDAI	CHHI	ZN 5 MEAN	OV'L MEAN
1 HQPM - 6	57.0	54.7	50.2	53.9	55.0	49.3	58.8	60.8	56.3	50.0	59.7	54.8	55.1	
2 HQPM - 7	55.7	51.8	47.5	51.7	54.7	50.8	57.3	60.2	56.1	55.0	59.0	57.0	54.7	
CHECKS:														
3 HQPM - 1	57.8	54.3	48.3	53.5	55.7	50.0	57.2	60.2	55.8	57.5	58.7	58.1	55.5	
MEAN LOCATION														
C.D. AT 5% =	2.2	1.6	1.0	1.6	0.6	1.0	0.7	0.8	0.8	1.9	1.8	1.8	-	
C.V. % =	3.0	2.4	1.5	-	0.9	1.6	0.9	1.0	-	2.0	1.3	-	-	
F (Prob)	.139	.006	.000	-	.013	.029	.000	.132	-	.000	.373	-	-	

S1 NO PEDIGREE	DAYS TO 50% SILKING													
	DELH	DMRD	LU DH	KARN	ZN 2 MEAN	JASH	HYDE	ARBH	KOLH	ZN 4 MEAN	UDAI	CHHI	ZN 5 MEAN	OV'L MEAN
1 HQPM - 6	61.2	56.5	53.3	57.0	58.2	52.2	60.3	61.8	58.1	52.3	61.3	56.8	57.5	
2 HQPM - 7	59.0	53.3	49.8	54.1	57.3	53.2	59.2	61.2	57.8	58.8	61.3	60.0	57.0	
CHECKS:														
3 HQPM - 1	60.5	56.3	50.7	55.8	59.3	52.0	59.7	61.3	57.7	61.8	60.0	60.9	58.0	
MEAN LOCATION														
C.D. AT 5% =	1.5	1.9	1.0	1.5	0.9	0.7	1.1	0.8	0.9	2.4	2.0	2.2	-	
C.V. % =	2.0	2.6	1.5	-	1.2	1.1	1.5	1.0	-	2.4	1.4	-	-	
F (Prob)	.027	.006	.000	-	.002	.011	.123	.206	-	.000	.218	-	-	

S1 NO PEDIGREE	DAYS TO 75% DRY HUSK											
	LU DH	KARN	ZN 2 MEAN	JASH	HYDE	ARBH	KOLH	ZN 4 MEAN	UDAI	CHHI	ZN 5 MEAN	OV'L MEAN
1 HQPM - 6	92.5	84.3	88.4	95.0	91.0	84.2	97.8	91.0	83.0	93.7	88.3	90.2
2 HQPM - 7	93.5	83.0	88.3	95.3	87.0	84.3	97.2	89.5	91.8	92.3	92.0	90.6
CHECKS:												
3 HQPM - 1	94.0	83.2	88.6	96.2	88.5	85.5	97.2	90.4	94.5	91.7	93.1	91.3
MEAN LOCATION												
C.D. AT 5% =	0.8	1.2	1.0	2.1	3.5	0.8	0.7	1.6	2.9	1.5	2.2	-
C.V. % =	0.7	1.1	-	1.7	3.0	0.7	0.6	-	1.9	0.7	-	-
F (Prob)	.008	.059	-	.467	.075	.007	.091	-	.000	.049	-	-

TABLE NO. 36 (CONT)

MOISTURE & AT HARVEST														
Sl	DELH	MRD	LUDH	KARN	ZN 2 MEAN	ZN 3 JASH	HYDE	ARBH	KOLH	ZN 4 MEAN	UDAJ	CHHI	ZN 5 MEAN	OV'L MEAN
No PEDIGREE														
1 HQPM - 6	31.8	22.1	32.3	28.7	18.9	23.4	32.3	9.4	9.4	21.7	21.5	12.4	17.0	22.7
2 HQPM - 7	30.9	24.0	33.7	29.5	18.1	21.5	31.4	9.4	9.4	20.8	21.4	16.0	18.7	22.9
CHECKS:														
3 HQPM - 1	36.3	22.9	30.6	29.9	18.5	23.6	37.4	9.7	9.7	23.6	23.0	12.5	17.7	23.8
MEAN LOCATION	33.0	23.0	32.2	29.4	18.5	22.8	33.7	9.5	9.5	22.0	22.0	13.6	17.8	23.1
C.D. AT 5%	2.3	2.1	0.0	1.5	0.1	0.5	1.0	0.1	0.1	0.5	1.4	2.9	2.1	-
C.V. %	5.5	7.1	0.0	-	0.3	1.6	2.3	1.2	-	-	3.6	9.4	-	-
F (Prob)	001	.171	-	-	.000	.000	.000	.001	-	.051	.041	-	-	-

PLANT HEIGHT (cm)														
Sl	DELH	MRD	LUDH	KARN	ZN 2 MEAN	ZN 3 JASH	HYDE	ARBH	KOLH	ZN 4 MEAN	UDAJ	CHHI	ZN 5 MEAN	OV'L MEAN
No PEDIGREE														
1 HQPM - 6	142	162	180	161	159	233	179	209	201	207	211	222	216	189
2 HQPM - 7	145	194	180	173	171	243	190	201	201	212	225	233	229	198
CHECKS:														
3 HQPM - 1	148	167	160	158	162	236	178	213	209	209	210	208	209	187
MEAN LOCATION	145	174	173	164	164	238	182	208	209	209	215	221	218	191
C.D. AT 5%	9.7	9.8	11.0	10.2	5.1	13.8	1.3	33.9	16.3	9.5	11.9	10.7	-	-
C.V. %	5.2	4.4	4.9	-	2.4	4.5	0.6	12.7	-	2.5	2.4	-	-	-
F (Prob)	471	.000	.003	-	.001	.290	.000	.739	-	.015	.011	-	-	-

EAR HEIGHT (cm)														
Sl	DELH	MRD	LUDH	KARN	ZN 2 MEAN	ZN 3 JASH	HYDE	ARBH	KOLH	ZN 4 MEAN	UDAJ	CHHI	ZN 5 MEAN	OV'L MEAN
No PEDIGREE														
1 HQPM - 6	68	76	93	79	67	109	90	100	93	100	106	110	108	91
2 HQPM - 7	70	88	97	85	72	111	95	93	100	100	106	115	111	94
CHECKS:														
3 HQPM - 1	65	75	80	73	68	94	82	92	89	89	99	90	94	83
MEAN LOCATION	68	80	90	79	69	105	89	95	96	96	103	105	104	89
C.D. AT 5%	6.0	7.4	10.5	8.0	3.6	6.7	3.9	10.2	7.0	10.0	10.0	20.7	15.4	-
C.V. %	6.9	7.2	9.1	-	4.0	5.0	3.4	8.4	-	5.6	8.7	-	-	-
F (Prob)	159	.004	.013	-	.026	.000	.000	.200	-	.196	.058	-	-	-

TABLE NO. 36 (CONT.)

Sl No	PEDIGREE	GRAIN SHELLING %										OV'L MEAN
		ZN 2	ZN 3	KARN	JASH	HYDE	ARBH	KOLH	ZN 4 MEAN	UDAI	CHHI	
1	HQPM - 6	84.7	77.1	79.8	80.4	75.4	78.5	76.7	80.0	78.3	79.1	79.1
2	HQPM - 7	85.0	75.6	78.3	80.0	78.5	79.0	78.7	82.1	80.4	79.7	79.7
CHECKS:												
3	HQPM - 1	83.5	79.6	79.4	82.8	77.7	80.0	81.8	83.3	82.6	81.1	81.1
MEAN LOCATION												
	C.D. AT 5% =	0.0	0.3	0.9	1.0	0.7	0.9	5.8	6.3	6.1	-	-
	C.V. % =	0.0	0.3	0.9	0.9	0.7	-	4.3	3.4	-	-	-
	F (Prob)	.000	.000	.014	.000	.000	-	.177	.427	-	-	-

Sl No	PEDIGREE	STAND AT HARVEST										OV'L MEAN
		DELH	DMPD	LUDH	KARN	JASH	HYDE	ARBH	KOLH	UDAI	CHHI	
1	HQPM - 6	37	39	31	29	32	35	23	38	39	34	34
2	HQPM - 7	39	41	30	30	34	31	26	41	40	35	35
CHECKS:												
3	HQPM - 1	37	40	31	29	32	31	23	41	37	33	33
MEAN LOCATION												
	C.D. AT 5% =	2.6	2.9	2.2	2.0	5.1	4.4	5.9	5.3	8.5	-	-
	C.V. % =	5.5	5.7	5.7	5.4	12.2	10.6	19.2	7.5	9.7	-	-
	F (Prob)	.175	.355	.711	.470	.478	.099	.427	.339	.597	-	-



PERFORMANCE OF EXPERIMENTAL HYBRIDS & COMPOSITES AS BABY CORN AT ALMORA, BAJAURA, LUDHIANA, KARNAL, PANTNAGAR, HYDERABAD, KOLHAPUR, UDAIPUR IN TRIAL No. TRBASY DURING KHARIF (2007).

Sl No	BABY CORN (kg/ha)												OV'L											
	ALMORA			BAJAURA			LUDHIANA			KARNAL				PANTNAGAR			HYDERABAD							
PE D I G R E E	ALM C R	BAJ A R	MEAN	ALM C R	BAJ A R	MEAN	LUDH R	LUDH R	BAJ A R	MEAN	LUDH R	LUDH R	BAJ A R	MEAN	KARN R	KARN R	BAJ A R	MEAN	KARN R	KARN R	BAJ A R	MEAN	OV'L	
1	F H - 3311	1051	3	907	8	979	4	2135	7	680	8	969	7	1262	8	1023	3	1149	6	2252	6	1287	8	
2	V L-BABY CORN 1	1269	1	982	3	1125	2	2228	5	1005	1	1746	1	1660	1	1699	2	1405	1	2206	7	1531	1	
3	LYC - 9006	1006	6	918	7	962	6	2517	1	880	2	1168	5	1521	4	1680	3	1394	2	1679	8	1389	6	
4	BABY CORN 7540	1011	5	935	5	973	5	2480	3	766	6	1526	3	1591	3	1154	8	1018	8	2436	3	1399	5	
5	BABY CORN 7536	977	7	932	6	954	8	2349	4	871	3	1605	2	1608	2	1370	5	974	4	2261	5	1417	3	
6	H M - 4	1038	4	956	4	997	3	2489	2	750	7	741	8	1327	6	1530	4	837	7	1183	4	2515	2	
7	X - 3342	1147	2	1179	1	1163	1	1982	8	869	5	1023	6	1291	7	1200	7	902	5	1051	7	2911	1	
8	PARKASH	893	8	1030	2	962	7	2160	6	869	4	1495	4	1508	5	1766	1	837	8	1301	3	2353	4	
	MEAN YIELD=	1049		980		1014		2293		836		1284		1471		1459		959		1209		2327		1398
	MEAN STAND	90		-		90		77		36		-		57		73		-		73		-		69
	C.D. AT 5%	127		152		140		818		197		509		508		239		319		279		231		324
	C.V. %	8.29		8.87		-		24.39		16.10		26.97		-		11.20		22.65		-		6.77		-
	F (Prob)	.000		.031		-		.771		.020		.005		-		.000		.414		-		.000		-
	PLOT SIZE	7.50		9.60		-		9.60		7.35		12.00		-		12.00		9.00		-		9.60		-
	AGRONOMY DATA:																							
	SOWING DATE (2007)	3-07		1-07		-		3-07		3-07		2-07		-		3-07		17-07		-		3-07		-
	HARV. DATE (2007)	-		-		-		-		-		-		-		-		-		-		-		-
	IRRIGATION Nos	-		-		-		-		3		3		-		1		-		-		-		-
	FERTILIZER APPL. N	100		150		-		90		150		120		-		120		150		-		90		-
	P	60		60		-		60		60		60		-		60		60		-		60		-
	K	40		40		-		-		60		40		-		40		40		-		40		-

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 30%) : DHOL 32.3%

TABLE NO. 38

PERFORMANCE OF SWEET CORN COMPOSITES AT ALMORA, BAJAURA, KARNAL, HYDERABAD, IN TRIAL NO. TJSWEET DURING KHARIF (2007).

S. NO	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE										DAYS TO 50% POLLEN SHED *												
		ALMO	R	BAJA	R	MEAN	ZN 1	ZN 2	R	KARN	R	HYDE	ZN 4	OV'L	MEAN	R	ALMO	BAJA	MEAN	KARN	HYDE	ZN 1	ZN 2	ZN 4
1	J C 1 SWEET	12145	2	7695	4	9915	2	13502	3	11763	6	11274	3	64.8	68.3	66.5	51.3	53.3	59.4					
2	HYB	12788	1	9114	1	10951	1	16959	1	14288	1	13287	1	54.0	61.3	57.7	48.0	51.0	53.6					
3	WIN YELLOW SWEET CORN	10620	6	8887	3	9754	3	11186	6	11622	7	10579	6	53.8	61.0	57.4	49.3	51.5	53.9					
4	WIN SWEET CORN	11286	3	7338	7	9312	5	10956	7	11926	4	10376	7	54.3	61.7	58.0	49.7	50.5	54.0					
5	MADHURI	10775	4	7487	6	9131	7	12798	5	12596	3	10914	4	54.8	62.3	58.5	49.7	50.5	54.3					
6	PRIYA	10728	5	7539	5	9133	6	13685	2	13312	2	11316	2	54.3	61.7	58.0	49.3	50.8	54.0					
7	WIN ORANGE SWEET CORN	9893	7	9027	2	9460	4	12831	4	11837	5	10897	5	54.3	60.0	57.1	49.3	48.5	53.0					
	MEAN YIELD=	11176		8154		9665		13131		12478		11235		-	-	-	-	-	-					
	MEAN STAND	53		35		44		56		33		44		55.7	62.3	59.0	49.5	50.9	54.6					
	C.D. AT 5%	1447		3253		2350		3217		2189		2526		1.1	0.9	1.0	1.0	1.8	-					
	C.V. %	8.78		22.62		-		13.89		11.89		-		1.4	0.8	-	1.2	2.4	-					
	F (Prob)	.002		.001		-		.001		.038		-		.000	.000	-	.001	.002	-					
	PLOT SIZE=	9.00		9.60		-		9.80		6.00		-		-	-	-	-	-	-					
AGRONOMY DATA:																								
	SOWING DATE (2007)	3-07		1-07		-		5-07		6-07		-		-		-		-		-				
	HARVEST DATE (2007)	-		-		-		-		-		-		-		-		-		-				
	IRRIGATION Nos	-		-		-		5		1		-		-		-		-		-				
	FERTILIZER APPLIED N	100		120		-		150		120		-		-		-		-		-				
	P	60		60		-		60		60		-		-		-		-		-				
	K	40		40		-		60		40		-		-		-		-		-				

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 30%) : COIM 33.9%

TABLE NO. 38 (CONT.)

SL NO	PEDIGREE	DAYS TO 50% SILKING				PLANT HEIGHT (cm)				GREEN COBS				
		ALMO	BAJA	ZN 1 MEAN	ZN 2 KARN	ZN 4 HYDE	OV'L MEAN	ALMO	BAJA	ZN 1 MEAN	ZN 4 HYDE	ALMO	BAJA	ZN 1 MEAN
1	J C 1 SWEET	66.3	71.3	68.8	54.3	55.5	61.9	47	256	165	210	205	209	
2	HYB	55.5	64.3	59.9	50.3	54.0	56.0	57	234	158	196	183	192	
3	WIN YELLOW SWEET CORN	55.5	63.3	59.4	52.3	54.5	56.4	57	214	148	181	188	183	
4	WIN SWEET CORN	55.0	64.7	59.8	52.0	53.8	56.4	54	220	144	182	181	182	
5	MADHURI	55.8	65.0	60.4	52.3	54.3	56.8	55	214	162	188	171	182	
6	PRIYA	55.5	64.7	60.1	52.0	53.5	56.4	61	200	162	181	179	180	
7	WIN ORANGE SWEET CORN	55.5	62.3	58.9	52.7	53.0	55.9	54	215	172	194	179	189	
	MEAN LOCATION	57.0	65.1	61.0	52.3	54.1	57.1	55	222	159	190	184	188	
	C.D. AT 5% =	1.1	1.3	1.2	1.4	1.2	-	5.9	8.6	17.1	12.9	14.9	-	
	C.V. % =	1.3	1.1	-	1.5	1.5	-	7.2	2.6	6.1	-	5.5	-	
	F (Prob)	.000	.000	-	.002	.012	-	.004	.000	.048	-	.006	-	

SL NO	PEDIGREE	EAR HEIGHT (cm)				SUGAR STAND AT HARVEST				OV'L			
		ALMO	BAJA	ZN 1 MEAN	ZN 4 HYDE	OV'L MEAN	BAJA	ALMO	BAJA	ZN 1 MEAN	ZN 4 HYDE	ALMO	BAJA
1	J C 1 SWEET	153	75	114	97	108	17.7	42	23	50	27	36	
2	HYB	128	85	106	78	97	23.7	56	43	62	34	49	
3	WIN YELLOW SWEET CORN	106	63	85	78	83	23.3	55	48	61	33	49	
4	WIN SWEET CORN	111	72	91	76	86	19.7	52	31	54	38	44	
5	MADHURI	110	72	91	73	85	21.0	54	29	62	30	44	
6	PRIYA	100	82	91	77	86	20.7	60	40	50	34	46	
7	WIN ORANGE SWEET CORN	108	79	93	68	85	17.7	54	34	54	34	44	
	MEAN LOCATION	116	75	96	78	90	20.5	53	35	56	33	44	
	C.D. AT 5% =	7.4	12.8	10.1	10.0	-	1.9	4.7	4.3	6.0	5.4	-	
	C.V. % =	4.3	9.5	-	8.6	-	5.2	5.9	6.8	6.0	11.0	-	
	F (Prob)	.000	.046	-	.000	-	.000	.000	.002	.018	-	-	

TABLE NO. 39

PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR IN IET, TRIAL No. TR61 OF 2006KHARIF AND PLANTED DURING KHARIF (2007).

S. No	PEDIGREE	GRAIN YIELD (kg/ha) AT 5% MOISTURE		SEEDTEC -2324		BIO -9681		PRO -311		PAR-BHAT		DAYS TO 50% POL. SHED		DAYS TO 50% SILKING		DAYS TO 75% DRY HUSK		MOIST. % AT HARV.	
		ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN
1	TNAU-MH-03003	3201	44	-	-	-	-	-	-	-	-	73.0	74.0	143.8	19.4				
2	J H - 11116	3399	42	-	-	-	-	-	-	-	-	69.8	72.8	143.0	17.8				
3	J H - 11117	3772	35	-	-	-	-	-	-	-	-	69.8	71.8	145.8	22.8				
4	M H - 05-11	3041	45	-	-	-	-	-	-	-	-	69.8	71.8	142.0	24.6				
5	M H - 05-13	3464	41	-	-	-	-	-	-	-	-	72.5	73.5	144.3	23.0				
6	HKH - 1603	3626	37	-	-	-	-	-	-	-	-	68.5	72.0	143.8	24.1				
7	HKH - 1604	3966	28	2.32	-	-	-	-	-	-	-	68.8	70.8	144.3	24.4				
8	HKH - 1605	3637	36	-	-	-	-	-	-	-	-	66.5	69.3	145.5	23.0				
9	HKH - 1608	3929	29	1.39	-	-	-	-	-	-	-	69.0	70.5	145.5	25.5				
10	NAH - 1137	4714	11	21.63	12.20	-	-	3.34	-	-	-	67.5	69.5	139.3	18.2				
11	NAH - 1144	3801	34	-	-	-	-	-	-	-	-	68.0	70.0	139.3	23.2				
12	NAH - 2049	3370	43	-	-	-	-	-	-	-	-	74.8	75.0	144.8	24.7				
13	B H - 4063	4817	10	24.28	14.64	-	-	5.59	-	-	-	69.3	72.8	140.0	17.6				
14	B H - 4064	5091	6	31.37	21.18	-	-	11.61	2.51	-	-	62.3	64.3	133.0	17.5				
15	B H - 4065	4602	12	18.75	9.54	-	-	0.89	-	-	-	61.3	63.3	132.3	19.3				
16	B H - 4066	4065	23	4.88	-	-	-	-	-	-	-	67.8	68.5	145.0	19.8				
17	B H - 4070	4008	26	3.40	-	-	-	-	-	-	-	68.0	70.3	145.5	19.3				
18	DMR SYNTHETIC - 1	3984	27	2.79	-	-	-	-	-	-	-	63.0	66.3	132.0	17.0				
19	DMR SYNTHETIC - 2	3840	33	-	-	-	-	-	-	-	-	60.5	62.8	131.8	17.4				
20	DMR SYNTHETIC - 3	4228	18	9.08	0.62	-	-	-	-	-	-	62.0	63.8	131.8	17.1				
21	DMR SYNTHETIC - 4	4570	13	17.92	8.78	-	-	0.19	-	-	-	64.3	65.5	134.8	15.4				
22	DMR SYNTHETIC - 5	4051	24	4.53	-	-	-	-	-	-	-	63.8	65.8	134.8	17.5				
23	22 K 40	3918	30	1.10	-	-	-	-	-	-	-	73.5	75.5	144.8	26.0				
24	30 R 88	3591	38	-	-	-	-	-	-	-	-	71.0	73.0	144.3	23.5				
25	PAC - 731	3870	32	-	-	-	-	-	-	-	-	73.0	75.0	143.3	19.5				
26	PAC - 740	5233	3	35.01	24.54	14.71	5.36	-	-	-	-	74.8	75.8	143.3	20.0				
27	JQKH - 502	4150	20	7.07	-	-	-	-	-	-	-	71.5	74.3	141.0	19.8				
28	JQKH - 84	4047	25	4.43	-	-	-	-	-	-	-	72.5	75.3	143.0	18.9				

TABLE NO. 39 (CONT.)

SI No	PEDIGREE	GRAIN YIELD				GRAIN YIELD & SUPERIORITY OVER				DAYS TO				DAYS TO				MOIST.			
		(kg/ha)	AT	SEEDTEC	BIO	SEEDTEC	BIO	PRO	PAR-	50% POL.	50% POL.	SHED	SILKING	50% DRY	75% DRY	% AT	HARV.				
		5% MOISTURE	ZN 1	SRIN	R	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN		
29	POLO	3504	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
30	X 9464	4113	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31	M C H - 33	3501	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32	M C H - 34	6621	1	57.58	70.83	45.14	33.31	-	-	-	-	-	-	-	-	-	-	-	-	-	
33	N E C H - 133	4927	8	17.27	27.13	8.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
34	N E C H - 134	5162	4	22.86	33.19	13.16	3.93	-	-	-	-	-	-	-	-	-	-	-	-	-	
35	BISCO - 844	4843	9	15.26	24.95	6.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
36	MAIZE HYBRID EXPRESS	5872	2	39.74	51.50	28.71	18.22	-	-	-	-	-	-	-	-	-	-	-	-	-	
37	P R O - 370	5118	5	21.81	32.05	12.19	3.05	-	-	-	-	-	-	-	-	-	-	-	-	-	
38	P R O - 371	4488	16	6.81	15.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
39	S M H - 3904	4545	15	8.16	17.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40	K H H M - 101	4080	22	-	5.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
41	K H H M - 102	4232	17	0.73	9.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHECKS:																					
42	SEEDTEC - 2324	3876	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
43	BIO - 9681	4202	19	8.41	6.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
44	PRO - 311	4562	14	17.70	17.70	8.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
45	PARBHAT	4967	7	18.21	28.15	8.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MEAN YIELD=		4236		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MEAN STAND		49		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C.D. AT 5%=		699		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C.V. % =		11.81		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
F (Prob)		.000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PLOT SIZE=		6.00		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AGRONOMY DATA:																					
SOWING DATE (2007)		8-07																			
HARVEST DATE (2007)		5-10																			
IRRIGATION No#		3																			
FERTILIZER APPLIED N		90	:	P	60	:	K	40													

TABLE NO. 39 (CON.)

Sl No	PEDIGREE	PLANT HT. (cm)		EAR HT. (cm)		GRAIN SHELL. %		STAND AT HARV.	
		ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN
1	TNAU-MH-03003	169	89	80.3	50	50	50	50	50
2	J H - 11116	188	96	86.3	49	49	49	49	49
3	J H - 11117	171	97	82.2	49	49	49	49	49
4	M H - 05-11	166	85	80.1	49	49	49	49	49
5	M H - 05-13	174	89	76.6	50	50	50	50	50
6	HKH - 1603	196	81	76.3	50	50	50	50	50
7	HKH - 1604	198	95	82.6	50	50	50	50	50
8	HKH - 1605	200	102	79.1	50	50	50	50	50
9	HKH - 1608	198	97	80.6	50	50	50	50	50
10	NAH - 1137	205	115	82.8	50	50	50	50	50
11	NAH - 1144	216	131	81.0	49	49	49	49	49
12	NAH - 2049	210	122	75.5	49	49	49	49	49
13	B H - 4063	201	98	78.7	50	50	50	50	50
14	B H - 4064	198	96	78.2	49	49	49	49	49
15	B H - 4065	178	91	85.3	49	49	49	49	49
16	B H - 4066	188	94	82.2	49	49	49	49	49
17	B H - 4070	201	98	80.4	50	50	50	50	50
18	DMR SYNTHETIC - 1	151	80	82.4	49	49	49	49	49
19	DMR SYNTHETIC - 2	139	83	82.4	49	49	49	49	49
20	DMR SYNTHETIC - 3	134	66	80.7	50	50	50	50	50
21	DMR SYNTHETIC - 4	172	91	82.4	50	50	50	50	50
22	DMR SYNTHETIC - 5	168	85	80.3	50	50	50	50	50
23	22 K 40	181	97	80.3	49	49	49	49	49
24	30 R 88	198	113	81.3	49	49	49	49	49
25	PAC - 731	189	103	76.7	50	50	50	50	50
26	PAC - 740	207	104	76.6	50	50	50	50	50

Sl No	PEDIGREE	PLANT HT. (cm)		EAR HT. (cm)		GRAIN SHELL. %		STAND AT HARV.	
		ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN
27	JRMH - 502	183	91	81.6	50	50	50	50	50
28	JRMH - 84	186	98	83.8	50	50	50	50	50
29	POLO	197	107	81.0	49	49	49	49	49
30	X 9464	173	111	82.3	49	49	49	49	49
31	M C H - 33	197	106	75.9	50	50	50	50	50
32	M C H - 34	202	110	84.4	50	50	50	50	50
33	N E C H - 133	203	110	85.8	50	50	50	50	50
34	N E C H - 134	205	102	78.0	50	50	50	50	50
35	BISCO - 844	206	106	84.6	49	49	49	49	49
36	MAIZE HYBRID EXPRESS	169	83	87.0	50	50	50	50	50
37	P R O - 370	175	85	83.3	50	50	50	50	50
38	P R O - 371	182	96	79.8	50	50	50	50	50
39	S M H - 3904	194	103	80.5	50	50	50	50	50
40	K H H M - 101	208	109	81.0	50	50	50	50	50
41	K H H M - 102	182	95	84.2	49	49	49	49	49
CHECKS:									
42	SEEDTEC - 2324	205	122	84.6	50	50	50	50	50
43	BIO - 9681	188	91	79.0	49	49	49	49	49
44	PRO - 311	177	96	77.8	50	50	50	50	50
45	PARBHAT	210	121	86.0	50	50	50	50	50
MEAN LOCATION									
C.D. AT 5% =									
C.V. % =									
F (Prob) =									

TABLE NO. 40

PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR IN IET, TRIAL No. TR62 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD		GRAIN YIELD % SUPERIORITY OVER THE BIO-9637	DAYS TO 50% POL.		DAYS TO 50% SILKING	DAYS TO 75% DRY MAT.		MOIST. PLANT		EAR		GRAIN SHELL.		STAND AT HARV.
		ZN 1	SRIN		ZN 1	SRIN		ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	ZN 1	SRIN	
1	KLM - 7	3979	20	-	1.27	71.8	73.8	140.5	15.9	165	83	92.1	50			
2	KLM - 14	3157	31	-	-	69.5	71.5	148.8	17.0	167	130	83.1	49			
3	L - 229	3526	27	-	-	63.5	65.5	139.8	15.0	181	95	82.1	50			
4	L - 230	3064	32	-	-	69.3	71.3	148.5	18.9	192	103	69.1	49			
5	E H - 1810	3860	23	-	-	69.3	71.3	149.5	16.0	187	119	72.1	49			
6	IWH - 0218	4021	19	-	2.35	69.3	71.3	144.0	14.1	209	130	81.3	50			
7	IYH - 9842	3292	30	-	-	69.3	71.3	143.8	18.9	200	110	78.4	49			
8	J H - 31056	4335	12	-	10.34	70.8	72.8	139.3	15.4	181	122	83.3	50			
9	J H - 31125	4467	9	-	13.70	73.0	75.0	139.0	18.7	172	110	89.5	50			
10	J H - 11137	3546	26	-	-	74.8	76.8	138.8	22.6	200	120	73.3	50			
11	J H - 11180	4338	11	-	10.42	75.0	77.0	152.5	24.4	206	118	80.4	50			
12	V - 37	4852	6	-	23.50	68.8	70.8	151.3	13.3	168	87	80.1	49			
13	V E H - 312053	4104	18	-	4.46	71.3	73.3	145.8	15.6	176	96	84.2	49			
14	J H - 3956	4147	16	-	5.55	72.5	74.5	148.5	17.5	166	99	83.2	49			
15	HKH - 1602	3491	28	-	-	73.5	75.5	141.5	22.5	178	85	75.5	50			
16	HKH - 1606	3834	24	-	-	73.8	75.8	142.8	19.7	178	90	78.4	49			
17	HKH - 1607	4287	13	-	9.12	73.0	75.0	146.8	18.6	172	90	87.4	49			
18	A H - 5502	3475	29	-	-	69.8	71.8	143.8	17.0	174	90	75.5	49			
19	A H - 5503	4170	15	-	6.14	69.8	71.8	141.8	17.5	165	102	80.1	50			
20	A H - 56197	3673	25	-	-	69.5	71.5	141.5	22.2	166	105	82.3	49			
21	B H - 4062	5694	2	-	44.93	74.5	76.5	149.8	25.1	202	112	83.2	50			
22	B H - 4067	6512	1	-	65.76	74.0	76.0	137.0	17.4	129	74	89.4	50			

TABLE NO. 40 (CONT.)

No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE		GRAIN YIELD % SUPERIORITY OVER THE BIO-9637		DAYS TO SHED 50% POL.		DAYS TO SILKING 50%		DAYS TO 75% DRY HUSK		MOIST. HARVE.		PLANT HT.		EAR HT.		GRAIN SHELL. %		STAND AT HARV.
		ZN 1 SRIN	R	ZN 1 SRIN	SRIN	ZN 1 SRIN	SRIN	ZN 1 SRIN	SRIN	ZN 1 SRIN	SRIN	ZN 1 SRIN	SRIN	ZN 1 SRIN	SRIN	ZN 1 SRIN	SRIN	ZN 1 SRIN	SRIN	
23	B H - 4068	4574	8	-	-	16.42	72.8	74.8	148.3	23.4	173	90	77.8	50						
24	B H - 4069	4105	17	-	-	4.50	72.8	74.8	148.3	24.4	202	107	80.0	50						
25	25 K 60	5277	3	6.01	-	34.31	73.5	75.5	151.0	22.7	160	76	83.0	50						
26	PAC - 739	4669	7	-	-	18.85	65.3	67.3	148.0	17.7	134	67	80.1	49						
27	X - 9452	5186	4	4.19	-	32.00	73.0	75.0	148.0	14.6	148	86	85.1	49						
28	X - 3904	4202	14	-	-	6.97	73.5	75.5	143.3	16.3	158	88	84.2	50						
29	BISCO - 855	4463	10	-	-	13.60	72.3	74.3	139.8	18.5	176	101	82.1	49						
30	STAR - 9913	3941	21	-	-	0.32	68.0	70.0	141.0	17.3	160	80	74.6	48						
CHECKS:																				
31	BIO-9637	4977	5	-	-	26.69	72.5	74.5	143.8	18.3	195	109	82.1	50						
32	NAVJOT	3929	22	-	-	-	72.0	74.0	138.3	16.4	160	90	91.5	50						
MEAN YIELD=																				
MEAN STAND																				
C.D. AT 5%=																				
C.V. % =																				
F (Prob)																				
PLOT SIZE=																				
AGRONOMY DATA:																				
SOWING DATE (2007) 21-04																				
HARVEST DATE (2007) 20-09																				
IRRIGATION Nos 3																				
FERTILIZER APPLIED N 90																				
P 60																				
K 40																				

TABLE NO. 41

PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR, JORHAT IN 1ST, TRIAL NO. TR63 OF 2:0. KHARIF AND PLANTED DURING KHARIF (2007).

S1 NO PEDIGREE	GRAIN YIELD (kg/ha) AT 1.5% MOISTURE				GRAIN YIELD & SUPERIORITY OVER THE PARKASH X - 3342				ZN 1 MEAN	
	SRIN	JORH	R	MEAN	SRIN	JORH	SRIN	JORH		
1 R 2005 - 6	4923	4	3660	4	4292	4	9.63	28.57	16.98	10.31
2 L - 205	4029	18	3215	12	3622	16	-	12.94	-	-
3 L - 206	5057	2	2864	18	3960	8	12.61	0.60	7.95	-
4 E H - 1731	3961	20	2415	20	3188	21	-	-	-	-
5 E H - 1756	3993	19	3309	11	3651	15	-	16.24	-	-
6 F H - 3273	4496	7	3361	8	3929	9	0.13	18.07	7.09	1.31
7 J H - 31048	3568	21	2883	17	3225	20	-	1.26	-	-
8 J H - 31053	4292	10	3332	9	3812	11	-	17.05	3.91	0.43
9 J H - 31055	4229	11	2994	15	3611	17	-	5.15	-	-
10 J H - 3978	4212	13	3136	14	3674	12	-	10.17	0.15	-
11 J C - 3284	4165	16	3644	5	3904	10	-	27.99	6.43	9.81
12 V E H - 311051	4794	6	2232	21	3513	19	6.75	-	-	-
13 A H - 56193	4969	3	3368	7	4169	6	10.66	18.31	13.63	1.51
14 A H - 5505	4418	9	3564	6	3991	7	-	25.20	8.79	7.42
15 X - 5313	4817	5	4224	2	4520	1	7.27	48.38	23.22	27.31
16 101 A	4204	14	4615	1	4409	3	-	62.11	20.19	39.09
17 M C H - 35	4158	17	4194	3	4176	5	-	47.34	13.84	26.41
CHECKS:										
18 PARKASH	4490	8	2847	19	3669	13	-	-	-	-
19 X - 3342	5642	1	3318	10	4480	2	25.64	16.55	22.11	-
20 NARMADA MOTI	4220	12	2939	16	3580	18	-	3.23	-	-
21 KIRAN	4174	15	3151	13	3662	14	-	10.67	-	-
MEAN YIELD=	4420		3298		3859					
MEAN STAND	48		34		41					
C.D. AT 5%	550		1007		779					
C.V. %	8.81		18.52		-					
F (P<0.05)	.000		.000		-					
PLOT SIZE=	6.00		4.80		-					
AGRONOMY DATA:										
SOWING DATE(2007)	20-04		3-04		-					
HARVEST DATE(2007)	30-09		9-07		-					
IRRIGATION Nos	3		-		-					
FERTILIZER APPLIED N	90		80		-					
P	60		40		-					
K	40		40		-					

TABLE NO. 41 (CONT.)

S1 No PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE			DAYS TO 50% POLLEN SHED			DAYS TO 50% SILKING					
	NARMADA MOTI			KIRAN			SILKING					
	SRIN	JORH	ZN 1 MEAN	SRIN	JORH	ZN 1 MEAN	SRIN	JORH	ZN 1 MEAN	SRIN	JORH	ZN 1 MEAN
1 R 2005 - 6	16.65	24.55	19.89	17.94	16.17	17.18	80.0	57.3	68.7	81.8	60.3	71.0
2 L - 205	-	9.41	1.19	-	2.05	-	72.8	51.0	61.9	74.8	54.3	64.5
3 L - 206	19.82	-	10.64	21.14	-	8.13	74.8	55.7	65.2	76.8	59.0	67.9
4 E H - 1731	-	-	-	-	-	-	77.3	56.0	66.6	79.5	59.0	69.3
5 E H - 1756	-	12.60	2.01	-	5.03	-	76.5	50.0	63.3	78.5	53.7	66.1
6 F H - 3273	6.54	14.38	9.75	7.71	6.69	7.27	79.0	52.3	65.7	81.0	55.7	68.3
7 J H - 31048	-	-	-	-	-	-	77.5	52.0	64.8	79.5	55.7	67.6
8 J H - 31053	1.69	13.39	6.49	2.81	5.77	4.08	77.3	54.0	65.6	79.3	57.0	68.1
9 J H - 31055	0.22	1.86	0.89	1.32	-	-	77.3	56.7	67.0	79.3	59.7	69.5
10 J H - 3978	-	6.72	2.64	0.90	-	0.32	77.5	56.3	66.9	79.5	59.3	69.4
11 J C - 3284	-	23.98	9.08	-	15.65	6.61	75.5	50.0	62.8	77.5	53.7	65.6
12 V E H - 311051	13.59	-	-	14.84	-	-	75.8	56.0	65.9	77.8	59.0	68.4
13 A H - 56193	17.74	14.61	16.45	19.04	6.90	13.82	74.8	55.3	65.0	76.8	58.3	67.5
14 A H - 5505	4.68	21.29	11.50	5.83	13.13	8.97	77.5	53.3	65.4	79.5	56.7	68.1
15 X - 5313	14.13	43.74	26.29	15.39	34.07	23.43	75.5	57.3	66.4	77.5	60.3	68.9
16 101 A	-	57.04	23.18	0.70	46.48	20.39	75.8	50.7	63.2	77.8	54.3	66.0
17 M C H - 35	-	42.72	16.68	-	33.13	14.03	78.8	53.7	66.2	80.8	56.7	68.7
CHECKS:												
18 PARKASH	6.40	-	2.49	7.58	-	0.17	76.0	51.3	63.7	78.0	54.7	66.3
19 X - 3342	33.68	12.90	25.15	35.16	5.31	22.32	70.5	52.3	61.4	72.5	56.0	64.3
20 NARMADA MOTI	-	-	-	1.10	-	-	75.5	53.7	64.6	77.5	57.3	67.4
21 KIRAN	-	7.21	2.32	-	-	-	75.3	52.0	63.6	77.3	55.3	66.3
MEAN LOCATION												
C.D. AT 5%	-	-	-	-	-	-	2.1	3.5	2.8	2.1	3.5	2.8
C.V. %	-	-	-	-	-	-	1.9	4.0	-	1.9	3.7	-
F (Prob)	-	-	-	-	-	-	.000	.000	-	.000	.001	-

TABLE NO. 41 (CONT.)

S ₁ No	PEDIGREE	DAYS TO 70% DRY HUSK		MOISTURE % AT HARVEST		PLANT HEIGHT (cm)		EAR HEIGHT (cm)		GRAIN SHELLING %		STAND AT HARVEST							
		SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1		
1	R 2005 - 6	150.0	83.3	116.7	26.2	21.0	23.6	185	191	188	94	91	93	86.5	81.0	83.8	49	39	44
2	L - 205	147.5	79.3	113.4	17.1	20.1	18.6	151	179	165	96	76	86	84.1	78.0	81.0	49	39	44
3	L - 206	142.8	81.7	112.2	16.1	20.8	18.4	166	176	171	96	70	83	89.2	80.0	84.6	48	30	39
4	E H - 1731	143.5	82.0	112.8	27.7	20.7	24.2	178	161	170	115	65	90	83.3	75.5	79.4	48	36	42
5	E H - 1756	142.3	78.0	110.1	17.6	19.6	18.6	161	168	165	90	69	80	86.6	78.5	82.5	47	33	40
6	F H - 3273	145.8	80.0	112.9	27.0	19.6	23.3	127	154	140	76	45	60	83.3	77.0	80.2	48	29	38
7	J H - 31048	146.3	79.7	113.0	14.6	19.8	17.2	159	179	169	98	74	86	75.4	77.0	76.2	48	38	43
8	J H - 31053	146.3	80.3	113.3	22.8	18.9	20.8	197	180	188	112	78	95	88.7	74.5	81.6	49	36	42
9	J H - 31055	148.3	82.7	115.5	22.2	20.0	21.1	152	170	161	89	59	74	87.9	80.0	83.9	48	35	41
10	J H - 3978	144.3	81.3	112.8	17.4	18.3	17.8	167	160	164	98	53	75	89.8	77.0	83.4	48	20	34
11	J C - 3284	142.8	78.7	110.7	21.5	20.4	20.9	160	175	168	95	73	84	85.5	77.5	81.5	49	38	43
12	V E H-311051	144.0	82.7	113.3	17.0	20.0	18.5	164	163	163	105	54	80	87.3	76.5	81.9	49	27	38
13	A H - 56193	141.5	82.3	111.9	14.5	21.5	18.0	174	173	173	107	72	89	87.9	81.5	84.7	49	37	43
14	A H - 5505	142.3	81.3	111.8	21.6	19.6	20.6	185	182	184	115	78	97	89.6	79.5	84.6	48	32	40
15	X - 5313	144.5	83.3	113.9	21.3	19.0	20.2	168	167	167	115	70	92	90.3	80.0	85.0	48	38	43
16	101 A	142.0	79.3	110.7	14.2	22.5	18.3	170	175	172	99	79	89	73.9	81.0	77.4	48	36	42
17	M C H - 35	153.8	81.0	117.4	24.1	21.3	22.7	105	167	136	66	65	65	84.3	78.5	81.3	48	37	43
CHECKS:																			
18	PARKASH	140.3	79.7	110.0	14.3	24.1	19.2	175	174	174	117	76	97	83.2	78.5	80.8	50	35	42
19	X - 3342	140.5	83.0	111.8	15.0	20.0	17.5	175	157	166	110	53	82	90.3	76.5	83.2	49	34	42
20	NARMADA MOTI	147.0	81.3	114.2	17.5	20.9	19.2	176	167	171	104	65	85	86.4	74.0	80.2	48	35	41
21	KIRAN	144.5	80.0	112.3	24.4	20.2	22.3	148	175	162	88	71	79	84.3	70.5	77.2	49	29	39
MEAN LOCATION																			
C.D. AT 5% = 2.2 2.H 2.5 0.3 0.9 0.6 14.8 17.2 16.0 8.8 18.6 13.7 0.5 3.1 1.8 1.5 5.4 3.5																			
C.V. % = 1.1 2.1 - 0.9 2.6 - 6.4 6.1 - 6.3 16.4 - 0.4 2.4 - 2.2 9.7 -																			
F (Prob) .000 .004 - .000 .000 - .000 .003 - .000 .000 - .073 .000 -																			

TABLE NO. 42 (CONT.)

Sl NO PEDIGREE	DAYS TO 50% POLLEN SHED			DAYS TO 50% SILKING			DAYS TO 75% DRY HUSK			MOISTURE & AT HARVEST		
	SRIN	JORH	MEAN	SRIN	JORH	MEAN	SRIN	JORH	MEAN	SRIN	JORH	MEAN
1 R 2005 - 5	74.0	58.0	66.0	76.0	61.0	68.5	146.8	82.7	114.7	20.8	20.2	20.5
2 DEH - 125	66.0	50.7	58.3	68.0	54.3	61.2	133.3	78.7	106.0	15.3	21.3	18.3
3 DEH - 137	62.3	52.3	57.3	64.8	55.3	60.0	133.3	80.0	106.6	14.4	18.9	16.6
4 DEH - 146	62.3	51.3	56.8	64.8	54.3	59.5	129.3	79.0	104.1	14.3	22.2	18.3
5 DEH - 147	64.0	50.3	57.2	66.0	53.7	59.8	133.5	79.7	106.6	15.0	23.0	19.0
6 F H - 3356	67.3	56.3	61.8	69.3	59.3	64.3	134.3	82.3	108.3	15.8	24.3	20.0
7 F H - 3358	70.8	54.0	62.4	72.8	57.0	64.9	135.3	80.0	107.6	15.6	20.5	18.1
8 V L - 113	63.8	54.0	58.9	66.0	57.3	61.7	130.0	81.0	105.5	15.4	22.8	19.0
9 V L - 114	63.8	50.7	57.2	66.0	53.7	59.8	129.8	79.0	104.4	17.6	23.7	20.7
10 A H - 56191	76.0	56.7	66.3	78.0	59.7	68.8	140.5	82.3	111.4	22.8	20.9	21.8
11 A H - 5506	73.0	57.0	65.0	75.0	60.3	67.7	136.8	83.0	109.9	18.2	22.0	20.1
CHECKS:												
12 SURYA	67.0	51.0	59.0	69.0	54.0	61.5	132.3	79.3	105.8	18.2	21.5	19.9
13 HIM - 129	64.0	50.7	57.3	68.8	54.0	61.4	129.5	79.7	104.6	16.4	22.0	19.2
MEAN LOCATION												
C.D. AT 5%	3.3	1.8	2.5	3.5	2.0	2.7	3.2	1.8	2.5	0.4	1.9	1.1
C.V. %	3.4	2.0	-	3.5	2.1	-	1.6	1.3	-	1.7	5.1	-
F (Prob)	.000	.000	-	.000	.000	-	.000	.000	-	.000	.000	-

TABLE NO. 42 (CONT.)

S1 NO PEDIGREE	PLANT HEIGHT (cm)			EAR HEIGHT (cm)			GRAIN SHELLING %			STAND AT HARVEST			
	SRIN	JORH	ZN 1 MEAN	SRIN	JORH	ZN 1 MEAN	SRIN	JORH	ZN 1 MEAN	SRIN	JORH	ZN 1 MEAN	OV'L MEAN
1 R 2005 - 5	190	136	163	125	43	84	71.3	66.0	68.6	49	29	39	39
2 DEH - 125	166	136	151	102	43	73	72.7	66.0	69.3	48	33	41	41
3 DEH - 137	157	118	138	93	35	64	71.3	63.0	67.2	48	31	39	39
4 DEH - 146	170	120	145	105	22	63	79.9	66.5	73.2	47	31	39	39
5 DEH - 147	167	127	147	102	31	66	85.7	65.0	75.3	48	34	41	41
6 F H - 3356	157	127	142	90	39	64	84.6	70.0	77.3	49	26	38	38
7 F H - 3358	169	116	143	95	25	60	77.5	65.0	71.3	48	39	43	43
8 V L - 113	156	131	143	90	27	58	79.1	67.5	73.3	48	25	37	37
9 V L - 114	168	134	151	94	39	66	83.0	65.0	74.0	47	31	39	39
10 A H - 56191	196	152	174	142	56	99	82.9	68.0	75.5	48	33	40	40
11 A H - 5506	183	114	148	123	35	79	77.2	68.0	72.6	47	29	38	38
CHECKS:													
12 SURYA	164	114	139	104	31	68	90.8	68.0	79.4	47	30	38	38
13 HIM - 129	159	119	139	96	32	64	76.5	70.0	73.3	49	30	39	39
MEAN LOCATION	169	126	148	105	35	70	79.4	66.8	73.1	48	31	39	39
C.D. AT 5% =	5.1	24.6	14.8	2.8	15.9	9.3	0.5	5.9	3.2	1.8	8.0	4.9	4.9
C.V. % =	2.1	11.5	-	1.8	26.7	-	0.4	5.3	-	2.6	15.3	-	-
F (Prob)	.000	.121	-	.000	.019	-	.000	.458	-	.357	.148	-	-

TABLE NO. 44

PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR, JORHAT IN AET 1st YEAR TRIAL No. TR6721 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE				GRAIN YIELD & SUPERIORITY OVER THE PARKASH				X - 3342			
		SRIN	R	JORH	R	SRIN	R	JORH	R	SRIN	MEAN	JORH	MEAN
1	BVM - 9-1	3343	4	3350	4	3346	4	3.01	-	0.93	-	2.29	-
2	BVM - 10	2871	9	3907	2	3389	3	-	15.38	2.20	-	19.30	-
3	D - 131	3496	3	3106	7	3301	6	7.72	-	-	-	-	-
4	F H - 3311	3773	2	2562	9	3167	7	16.26	-	-	-	-	-
5	V - 35	2998	7	4010	1	3504	2	-	18.42	5.68	-	22.45	-
CHECKS:													
6	PARKASH	3245	5	3386	3	3316	5	-	-	-	-	3.40	-
7	X - 3342	3978	1	3275	5	3626	1	22.56	-	9.36	-	-	-
8	NARMADA MOTI	3153	6	3161	6	3157	8	-	-	-	-	-	-
9	KIRAN	2951	8	2963	8	2957	9	-	-	-	-	-	-
MEAN YIELD=		3312		3302		3307							
MEAN STAND		98		60		79							
C.D. AT 5%		400		989		694							
C.V. %		8.32		17.38		-							
F (Prob)		.000		.063		-							
PLOT SIZE=		12.00		9.60		-							
AGRONOMY DATA:													
SOWING DATE (2007)		20-04		3-04		-							
HARVEST DATE (2007)		30-09		10-07		-							
IRRIGATION Nos		3		-		-							
FERTILIZER APPLIED		N	90	80		-							
		P	60	40		-							
		K	40	-		-							

TABLE NO. 44 (CONT.)

S1 No PEDIGREE	GRAIN YIELD % SUPERIORITY OVER THE NARMADA MOTI				DAYS TO 50% POLLEN SHED				DAYS TO 50% SILKING				DAYS TO 75% DRY HUSK			
	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1
1 BVM - 9-1	6.04	5.97	6.00	13.29	13.05	13.17	77.0	52.7	64.8	79.0	56.0	67.5	148.5	80.0	114.3	
2 BVM - 10	-	23.59	7.34	-	31.84	14.60	75.8	57.0	66.4	77.8	60.0	68.9	150.0	82.3	116.2	
3 D - 131	10.89	-	4.57	18.48	4.83	11.64	76.3	52.7	64.5	78.3	56.3	67.3	151.3	80.0	115.6	
4 F H - 3311	19.67	-	0.33	27.86	-	7.11	72.8	52.7	62.7	74.8	55.7	65.2	148.3	78.7	113.5	
5 V - 35	-	26.85	10.99	1.61	35.32	18.50	76.5	58.0	67.3	78.5	61.0	69.8	145.3	84.0	114.6	
CHECKS:																
6 PARKASH	2.94	7.12	5.03	9.98	14.27	12.13	77.8	53.0	65.4	79.8	56.7	68.2	147.3	80.7	114.0	
7 X - 3342	26.16	3.59	14.86	34.79	10.51	22.63	71.5	50.7	61.1	73.5	54.3	63.9	144.0	79.3	111.7	
8 NARMADA MOTI	-	-	-	6.84	6.68	6.76	77.8	54.3	66.0	79.8	57.3	68.5	143.3	81.7	112.5	
9 KIRAN	-	-	-	-	-	-	76.3	53.3	64.8	78.3	56.7	67.5	145.5	80.3	112.9	
MEAN LOCATION																
C.D. AT 5%	-	-	-	-	-	-	75.7	53.8	64.8	77.7	57.1	67.4	147.0	80.8	113.9	
C.V. %	-	-	-	-	-	-	1.4	2.4	1.9	1.4	2.2	1.8	1.3	2.7	2.0	
F (Prob)	-	-	-	-	-	-	1.2	2.6	-	1.2	2.3	-	0.6	1.9	-	
	-	-	-	-	-	-	.000	.000	-	.000	.000	-	.000	.020	-	

S1 No PEDIGREE	MOISTURE % AT HARVEST				PLANT HEIGHT (cm)				EAR HEIGHT (cm)				GRAIN SHELLING %				STAND AT HARVEST			
	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1
1 BVM - 9-1	17.6	21.4	19.5	174	189	181	100	83	91	84.9	81.0	83.0	99	52	76					
2 BVM - 10	21.4	21.1	21.2	180	169	175	99	65	83	81.2	80.5	80.9	99	54	76					
3 D - 131	11.8	19.5	15.6	141	177	159	79	80	80	75.0	79.5	77.3	99	75	87					
4 F H - 3311	13.4	20.4	16.9	147	175	161	73	71	72	78.1	79.5	78.8	98	64	81					
5 V - 35	17.3	21.4	19.3	146	172	159	85	71	78	70.0	85.5	77.8	98	43	71					
CHECKS:																				
6 PARKASH	13.6	21.8	17.7	163	177	170	101	76	89	69.8	83.0	76.4	98	66	82					
7 X - 3342	16.6	19.9	18.3	146	192	169	85	85	85	83.3	81.5	82.4	99	76	87					
8 NARMADA MOTI	17.3	19.9	18.6	158	182	170	96	79	87	83.3	80.0	81.7	98	64	81					
9 KIRAN	11.0	21.6	16.3	152	179	165	92	71	82	70.1	81.0	75.6	98	47	72					
MEAN LOCATION																				
C.D. AT 5%	0.2	1.0	0.6	12.3	11.6	11.9	11.7	15.5	13.6	0.2	2.8	1.5	1.5	14.8	8.1					
C.V. %	1.0	2.9	-	5.4	3.7	-	8.9	11.8	-	0.2	2.0	-	1.0	14.2	-					
F (Prob)	.000	.001	-	.000	.014	-	.000	.244	-	.000	.007	-	.353	.002	-					

TABLE NO. 45 (CONT.)

S1 No PEDIGREE	DAYS TO 50% POLLEN SHED				DAYS TO 50% SILKING				DAYS TO 75% DRY HUSK				MOISTURE & AT HARVEST			
	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1
1 F H - 3294	73.5	52.5	63.0	66.1	76.0	56.3	66.1	66.1	129.8	79.5	104.6	14.7	22.6	18.6		
2 F H - 3352	72.5	54.5	63.5	66.3	75.0	57.5	66.3	66.3	129.3	82.0	105.6	17.0	22.1	19.5		
3 WC - 236 (Y)	75.5	55.0	65.3	68.1	78.0	58.3	68.1	68.1	132.0	81.8	106.9	16.1	22.7	19.4		
4 A H - 31021	82.3	57.0	69.6	72.1	84.3	60.0	72.1	72.1	143.5	82.0	112.8	18.3	19.8	19.1		
CHECKS:																
5 SURYA	76.5	56.3	66.4	69.0	78.8	59.3	69.0	69.0	131.8	83.0	107.4	15.0	21.7	18.4		
6 HIM - 129	70.8	50.8	60.8	63.9	73.3	54.5	63.9	63.9	128.0	78.8	103.4	15.0	21.4	18.2		
MEAN LOCATION																
C.D. AT 5%	1.0	2.4	1.7	1.6	1.2	2.0	1.6	1.6	2.5	2.5	2.5	0.1	0.7	0.4		
C.V. %	0.9	2.9	-	-	1.0	2.3	-	-	1.3	2.0	-	0.6	2.2	-		
F (Prob)	.000	.000	-	-	.000	.000	-	-	.000	.016	-	.000	.000	-		

S1 No PEDIGREE	PLANT HEIGHT (cm)				EAR HEIGHT (cm)				GRAIN SHELLING %				STAND AT HARVEST			
	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1	SRIN	JORH	MEAN	ZN 1
1 F H - 3294	156	152	154	154	91	59	75	75	87.3	75.0	81.1	98	39	69		
2 F H - 3352	120	150	135	135	94	55	74	74	84.1	73.0	78.6	99	38	68		
3 WC - 236 (Y)	186	145	166	166	113	55	84	84	80.3	69.0	74.7	98	31	64		
4 A H - 31021	177	134	155	155	120	54	87	87	83.3	74.0	78.6	98	32	65		
CHECKS:																
5 SURYA	162	137	149	149	93	42	68	68	80.1	77.5	78.8	98	31	64		
6 HIM - 129	130	128	129	129	65	44	55	55	83.1	76.0	79.5	99	32	65		
MEAN LOCATION																
C.D. AT 5%	43.1	11.7	27.4	27.4	3.6	14.5	9.0	9.0	0.2	1.7	0.9	2.2	3.8	3.0		
C.V. %	18.5	5.5	-	-	2.5	18.7	-	-	0.2	1.5	-	1.5	7.5	-		
F (Prob)	.033	.003	-	-	.000	.138	-	-	.000	.000	-	.837	.000	-		

TABLE NO. 47

PERFORMANC OF EARLY MATURING COMPOSITES AT SRINAGAR IN AET 2nd YEAR,
TRIAL No. TR71Z1 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE (kg/ha) AT					
		15% MOISTURE		X - 3342		KIRAN	
		SRIN	R	SRIN	SRIN	SRIN	SRIN
1	B V M - 5	3389	1	13.68	11.82	14.40	4.48
2	B V M - 6	3183	3	6.79	5.05	7.47	-
CHECKS:							
3	PARKASH	2981	5	-	-	0.63	-
4	X - 3342	3030	4	1.66	-	2.30	-
5	NARMADA MOTI	2962	6	-	-	-	-
6	KIRAN	3243	2	8.80	7.02	9.49	-
MEAN YIELD=		3132					
MEAN STAND		99					
C.D. AT 5% =		223		C.V. % =		4.78	
F (Prob)		.003		PLOT SIZE=		12.00	
AGRONOMY DATA:							
SOWING DATE (2007)		21-04		HARVEST DATE (2007)		27-09	
IRRIGATION Nos		3		27-09		IRRIGATION Nos	
FERTILIZER APPLIED N		90		P		60	
		K		40			

Sl No	PEDIGREE	DAYS TO 50% TO 75%		MOIST. & AT		PLANT HT.		EAR HT.		GRAIN SHELL AT		STAND AT HARV.	
		TO 50%	TO 75%	SRIN	SRIN	SRIN	SRIN	SRIN	SRIN	SRIN	SRIN		
1	B V M - 5	77.3	79.3	145.3	15.1	138	82	86.9	99				
2	B V M - 6	77.3	79.3	143.5	17.4	140	86	90.0	98				
CHECKS:													
3	PARKASH	84.8	86.8	141.3	13.9	155	88	84.0	99				
4	X - 3342	78.0	80.0	139.8	15.5	131	77	79.9	99				
5	NARMADA MOTI	81.8	83.8	141.8	19.9	154	96	80.6	100				
6	KIRAN	77.8	79.8	143.5	11.9	139	80	90.1	98				
MEAN LOCATION		79.5		81.5		142.5		15.6		143		85	
C.D. AT 5% =		3.3		3.3		0.7		0.2		10.7		7.8	
C.V. % =		2.8		2.7		0.3		1.1		5.0		6.1	
F (Prob)		.001		.000		.000		.001		.002		.048	

TABLE NO. 49

PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR, JORHAT IN ZONAL TRIAL No. TR102 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE				GRAIN YIELD & SUPERIORITY OVER THE				ZN 1 MEAN		
		SRIN	JORH	R	ZN 1 MEAN	Bio-9637 SRIN	JORH	ZN 1 MEAN	LOCAL SRIN			
1	K D M - 438	3298	15	4065	10	3682	16	-	0.61	-	2.93	-
2	K D M - 970	4113	6	3902	17	4007	6	20.14	-	7.38	-	17.61
3	K D M - 322	3995	8	3589	24	3792	11	16.71	-	1.62	-	14.24
4	K D M - 384	4067	7	4850	1	4458	1	18.80	20.03	19.47	22.79	16.29
5	K L M - 4	4411	1	3380	26	3895	8	28.84	-	4.38	-	26.12
6	K L M - 20	4193	3	4176	9	4184	4	22.47	3.36	12.13	5.74	19.89
7	L - 134	4280	2	4546	3	4413	2	25.02	12.51	18.25	15.10	22.39
8	L - 209	3310	14	3861	18	3586	18	-	-	-	-	-
9	L - 183	3502	10	4228	8	3865	9	2.29	4.64	3.56	7.05	0.14
10	L - 210	3234	18	4575	2	3905	7	-	13.24	4.63	15.84	-
11	L - 212	4151	4	4026	13	4089	5	21.25	-	9.56	1.95	18.69
12	CML324 x K716 (EHB1586)	3134	21	3946	15	3540	19	-	-	-	-	-
13	2780 x 95098 (EHB1587)	2777	25	3839	19	3308	24	-	-	-	-	-
14	95083 x K716 (EHB1588)	3361	13	4340	5	3850	10	-	7.42	3.18	9.89	3.41
15	2780 x 95130 (EHB1589)	4142	5	4278	6	4210	3	21.00	5.89	12.82	8.32	18.45
16	JH6618 x 2780 (EHB1590)	2916	22	4037	12	3477	21	-	-	-	-	-
17	CML323 x CML29 (EHB1591)	3209	19	3709	23	3459	22	-	-	-	-	-
18	CML324 x CML20 (EHB1592)	2650	26	3824	20	3237	26	-	-	-	-	-
19	2780 x 1353 (EHB1593)	2843	23	4470	4	3656	17	-	10.63	-	13.17	-
20	3396 x 3083 (EHB1594)	3257	17	4265	7	3761	13	-	5.56	0.78	7.98	1.01
21	CM141 x HS131-235 (EHB1595)	3268	16	3507	25	3388	23	-	-	-	-	-
22	Pant. 5K D996	2803	24	3718	22	3260	25	-	-	-	-	-
23	Pant. 5K D992	3834	9	3741	21	3788	12	12.00	-	1.50	-	9.64
CHECKS:												
24	Bio - 9637	3423	12	4040	11	3732	14	-	-	-	2.30	-
25	Local Check	3497	11	3949	14	3723	15	2.15	-	-	-	-
26	NavJot	3171	20	3904	16	3538	20	-	-	-	-	-
MEAN YIELD=												
MEAN STAND												
C.D. AT 5%												
C.V. %												
F (Prob)												
AGRONOMY DATA:												
SOWING DATE (2007)												
IRRIGATION Nos												
FERTILIZER APPLIED N												
PLOT SIZE=												
HARVEST DATE (2007)												
K 40 40												
30-09 6-07												

TABLE NO. 12 (CONT.)

SI No	PEDIGREE	GRAIN SHELLING %										STAND AT HARVEST				ZN 4 MEAN
		HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN	HYDE	KARI	ARBH	MAND	COIM	KOLH		
1	E H - 1753 (RETEST)	75.3	83.1	84.8	78.0	80.6	74.0	79.3	72	57	56	64	55	79	64	
2	E H - 1491 (RETEST)	72.8	83.9	84.2	79.2	79.0	84.6	80.6	69	58	57	63	53	68	61	
3	E H - 1561 (RETEST)	75.8	81.5	81.2	80.0	76.9	80.8	79.4	72	43	34	62	46	74	55	
4	B H - 4062	75.8	83.3	84.8	80.4	80.4	81.3	81.0	73	46	47	64	60	66	59	
5	V - 37	75.3	83.4	83.9	82.5	77.9	83.1	81.0	75	64	44	64	51	71	61	
6	25 K 60	74.7	82.8	85.0	72.8	82.5	81.9	80.0	72	55	52	66	53	75	62	
CHECKS:																
7	BIO- 9637	75.8	88.4	82.6	75.1	74.1	78.2	79.0	76	53	41	60	52	74	59	
8	NAVJOT	75.3	87.5	85.4	82.9	80.0	82.5	82.3	77	54	46	66	54	74	62	
MEAN LOCATION		75.1	84.2	84.0	78.9	78.9	80.8	80.3	73	54	47	64	53	73	61	
C.D. AT 5%		1.2	1.6	1.5	5.1	0.2	5.4	2.5	4.6	6.0	11.9	7.5	9.2	9.0	-	
C.V. %		1.1	1.3	1.0	4.4	0.2	3.8	-	4.3	7.6	14.5	8.0	11.8	7.0	-	
F (Prob)		.000	.000	.000	.007	.000	.022	-	.033	.000	.018	.728	.246	.156	-	

190

190

190

TABLE NO. 13

PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DMRD DELHI, UDAIPUR BANSWARA, GODHRA, CHHINDIWARA IN AET 1st YEAR, TRIAL No. TR66Z5 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												OV'L			
		DELD		DMRD		UDAI		BANS		GODH		CHHI		ZN 5		MEAN	R
1	E H - 1753 (RETEST)	3807	5	8983	2	3222	3	4655	6	8225	6	6271	5	5778	5		
2	E H - 1491 (RETEST)	3755	6	9658	1	2599	9	4776	5	8717	5	6438	4	5901	4		
3	E H - 1561 (RETEST)	4128	3	8964	3	2674	8	4610	7	7996	7	6061	7	5675	7		
4	L - 229	2864	9	5182	8	3864	1	3559	9	6997	10	4900	8	4493	8		
5	L - 230	1231	10	4057	10	3111	5	3318	10	7247	9	4433	10	3793	10		
6	B H - 4067	3899	4	7620	4	2851	7	4935	3	9348	4	6188	6	5730	6		
7	B H - 4068	5093	1	7305	5	2945	6	5157	2	11975	1	6845	2	6495	1		
8	SEEDTEC-2324 (FILLER)	3694	7	7210	6	3784	2	5894	1	11025	2	6978	1	6321	2		
CHECKS:																	
9	BIO- 9637	4489	2	7062	7	3183	4	4883	4	10921	3	6512	3	6107	3		
10	NAVJOT	3457	8	4509	9	2547	10	4112	8	7412	8	4645	9	4407	9		
	MEAN YIELD=	3642		7055		3078		4590		8986		5927		5470			
	MEAN STAND	65		65		59		75		67		67		67			
	C.D. AT 5%=	566		420		583		1353		939		824		773			
	C.V. % =	9.10		4.12		11.09		17.25		7.23		-		-			
	F (Prob)	.000		.000		.000		.002		.000		-		-			
	PLOT SIZE=	12.00		9.60		9.60		9.60		11.20		-		-			
AGRONOMY DATA:																	
	SOWING DATE(2007)	30-06		2-07		1-07		7-07		5-07		-		-			
	HARVEST DATE(2007)	10-10		10-10		22-10		26-10		10-10		-		-			
	IRRIGATION Nos	1		2		-		1		-		-		-			
	FERTILIZER APPLIED N	120		90		100		100		100		-		-			
	P	60		60		40		50		60		-		-			
	K	40		-		4		-		40		-		-			

TABLE NO. 13 (CONT.)

S1 NO PEDIGREE	DAYS TO 50% POLLEN SHED					DAYS TO 50% SILKING					ZN 5 OV'L			
	DELH DMRD	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L MEAN	DELH DMRD	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L MEAN
1 E H - 1753 (RETEST)	53.7	51.5	54.0	52.3	57.5	53.8	53.8	57.3	53.3	59.0	54.3	58.3	56.2	56.4
2 E H - 1491 (RETEST)	55.3	52.3	54.3	50.7	57.0	53.6	53.9	60.0	53.3	58.7	52.7	58.8	55.8	56.7
3 E H - 1561 (RETEST)	54.3	52.3	57.0	52.7	56.5	54.6	54.5	58.3	54.0	61.0	55.7	57.3	57.0	57.3
4 L - 229	53.0	52.5	59.7	51.7	56.5	55.1	54.7	57.7	54.5	63.3	53.0	58.0	57.2	57.3
5 L - 230	54.7	52.8	57.3	53.0	58.0	55.3	55.2	59.7	56.3	61.7	54.7	59.3	58.0	58.3
6 B H - 4067	52.0	52.3	58.0	51.0	57.0	54.6	54.0	54.7	54.3	62.0	53.0	58.8	57.0	56.5
7 B H - 4068	59.3	57.5	59.7	54.0	59.0	57.5	57.9	62.0	59.3	63.3	56.3	60.3	59.8	60.2
8 SEEDTEC-2324 (FILL.)	60.0	55.8	57.7	54.3	59.5	56.8	57.5	63.7	57.5	61.7	56.0	47.3	55.6	57.2
CHECKS:														
9 BIO- 9637	56.0	54.5	58.7	55.3	58.5	56.8	56.6	59.7	56.5	62.7	57.0	60.0	59.0	59.2
10 NAVJOT	51.3	52.8	53.0	52.0	55.3	53.3	52.9	58.0	55.5	56.7	53.7	56.8	55.6	56.1
MEAN LOCATION														
C.D. AT 5%	1.8	0.8	2.9	2.3	0.9	1.7	-	2.1	0.8	2.4	2.0	12.4	4.4	-
C.V. %	1.9	1.0	3.0	2.5	1.0	-	-	2.0	0.9	2.3	2.1	14.9	-	-
F (Prob)	.000	.000	.001	.008	.000	-	-	.000	.000	.000	.001	.649	-	-

S1 NO PEDIGREE	DAYS TO 75% DRY HUSK					MOISTURE & AT HARVEST					ZN 5 OV'L			
	UDAI	BANS	GODH	CHHI	MEAN	ZN 5 MEAN	DELH DMRD	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L MEAN	
1 E H - 1753 (RETEST)	86.5	87.3	81.3	87.3	85.6	85.6	29.2	15.8	16.0	15.1	17.8	16.2	18.8	
2 E H - 1491 (RETEST)	88.0	88.7	84.0	89.5	87.5	87.5	26.3	15.1	15.7	13.0	18.4	15.5	17.7	
3 E H - 1561 (RETEST)	88.5	92.7	86.7	88.5	89.1	89.1	30.0	14.3	16.1	12.4	15.3	14.5	17.6	
4 L - 229	87.0	94.7	82.0	89.0	88.2	88.2	28.0	20.1	16.4	11.8	18.6	16.7	19.0	
5 L - 230	85.8	93.0	82.7	87.5	87.2	87.2	31.9	21.0	15.9	13.4	17.6	17.0	20.0	
6 B H - 4067	91.3	93.0	87.3	91.5	90.8	90.8	31.5	21.0	15.6	13.4	18.7	17.2	20.0	
7 B H - 4068	91.8	95.0	89.0	90.8	91.6	91.6	29.7	22.3	16.4	13.8	22.5	18.8	20.9	
8 SEEDTEC-2324 (FILL.)	90.8	92.7	86.7	90.8	90.2	90.2	32.4	21.8	15.4	13.1	19.0	17.3	20.3	
CHECKS:														
9 BIO- 9637	90.3	92.7	88.7	87.3	89.7	89.7	26.9	21.8	16.1	11.1	19.3	17.1	19.0	
10 NAVJOT	85.5	90.0	82.7	87.8	86.5	86.5	28.1	21.2	15.9	11.1	18.3	16.6	18.9	
MEAN LOCATION														
C.D. AT 5%	1.0	2.4	5.1	2.2	2.7	-	2.6	0.3	0.2	1.3	1.5	0.8	-	
C.V. %	0.8	1.5	3.5	1.7	-	-	5.1	1.2	0.5	5.9	5.8	-	-	
F (Prob)	.000	.000	.030	.001	-	-	.001	.000	.000	.000	.000	.000	-	

TABLE NO. 13 (CONT.)

S1 No PEDIGREE	PLANT HEIGHT (cm)					EAR HEIGHT (cm)					ZN 5 MEAN	OV'L MEAN	
	DMD	UDAI	BANS	GODH	CHHI	DMD	UDAI	BANS	GODH	CHHI			
1 E H - 1753 (RETEST)	150	178	153	143	221	174	169	78	91	46	51	110	75
2 E H - 1491 (RETEST)	157	159	135	141	209	161	160	85	64	64	64	108	75
3 E H - 1561 (RETEST)	137	154	126	134	196	152	149	73	80	50	45	89	66
4 L - 229	146	188	111	133	181	153	152	82	106	55	44	95	75
5 L - 230	162	179	119	151	211	165	164	87	83	54	56	98	72
6 B H - 4067	140	160	102	134	181	144	143	71	93	40	47	85	66
7 B H - 4068	204	204	174	178	254	202	203	107	105	70	78	123	94
8 SEEDTEC-2324 (FILL.)	161	163	131	152	209	164	163	84	83	56	72	115	81
CHECKS:													
9 BIO- 9637	156	214	136	167	236	188	182	84	125	50	55	109	85
10 NAVJOT	143	163	110	145	196	153	151	74	83	50	67	96	74
MEAN LOCATION	156	176	130	148	210	166	164	82	91	54	58	103	76
C.D. AT 5%	14.6	7.6	9.9	9.0	19.7	11.5	-	12.7	7.3	6.7	8.1	13.8	9.0
C.V. %	5.5	3.0	4.5	3.6	6.5	-	-	9.0	5.5	7.3	8.2	9.3	-
F (Prob)	.000	.000	.000	.000	.000	.000	.000	.001	.000	.000	.000	.000	.000

S1 No PEDIGREE	GRAIN SHELLING %					STAND AT HARVEST					ZN 5 MEAN	OV'L MEAN
	UDAI	BANS	GODH	CHHI	DMD	UDAI	BANS	GODH	CHHI			
1 E H - 1753 (RETEST)	82.4	79.3	80.0	70.8	61	70	60	80	65	67		
2 E H - 1491 (RETEST)	82.8	76.7	76.5	70.0	65	64	59	81	74	69		
3 E H - 1561 (RETEST)	83.2	75.4	81.0	70.2	65	56	57	70	49	59		
4 L - 229	78.2	79.2	71.0	75.0	64	70	64	82	67	69		
5 L - 230	82.3	73.9	72.0	75.0	63	60	59	71	71	65		
6 B H - 4067	80.3	70.2	79.0	70.1	63	67	57	80	55	64		
7 B H - 4068	73.8	71.8	80.0	79.8	68	73	58	73	70	68		
8 SEEDTEC-2324 (FILL.)	80.6	79.1	83.0	73.3	70	60	62	70	78	68		
CHECKS:												
9 BIO- 9637	82.6	76.6	80.0	75.7	67	73	60	69	77	69		
10 NAVJOT	80.1	72.4	76.0	77.7	69	60	56	78	70	67		
MEAN LOCATION	80.6	75.5	77.8	73.8	65	65	59	75	67	67		
C.D. AT 5%	0.2	1.5	5.8	7.1	3.7	2.9	6.0	3.4	5.1	10.3		
C.V. %	0.2	1.1	4.4	6.6	-	2.5	6.4	3.3	4.0	10.6		
F (Prob)	.000	.000	.006	.075	-	.000	.000	.003	.000	.000		

TABLE NO. 14

PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRID & COMPOSITE AT UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA IN AET 1st YEAR, TRIAL No. TR66AZ5 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												GRAIN YIELD & SUPERIORITY OVER THE BIO- 9637									
		UDAI			BANS			GODH			R			ZN 5		UDAI		BANS		GODH		CHHI	
		R	BANS	R	R	BANS	R	R	BANS	R	R	BANS	R	MEAN	R	UDAI	BANS	UDAI	BANS	UDAI	BANS	CHHI	MEAN
1	BISCO - 855	9810	1	2726	3	6844	1	10157	2	7384	1	19.40	-	55.97	-	11.23	-	-	-	-	-	-	-
2	KLM - 7	5344	3	2538	4	1885	4	9057	4	4706	4	-	-	-	-	-	-	-	-	-	-	-	-
CHECKS:																							
3	BIO- 9637	8215	2	3272	1	4388	2	10681	1	6639	2	-	-	-	-	-	-	-	-	-	-	-	-
4	NAVJOT	4820	4	2751	2	3067	3	9260	3	4974	3	-	-	-	-	-	-	-	-	-	-	-	-
MEAN YIELD=		7047																					
MEAN STAND		67	56	59	64	62																	
C.D. AT 5%		805	360	234	1497	724																	
C.V. %		7.34	10.54	4.78	12.65	-																	
F (Prob)		.000	.006	.000	.010	-																	
PLOT SIZE=		9.60	9.60	9.60	11.20	-																	
AGRONOMY DATA:																							
SOWING DATE(2007)		2-07	16-07	13-07	5-07	-																	
HARVEST DATE(2007)		15-10	26-10	16-10	21-10	-																	
IRRIGATION Nos		1	-	1	-	-																	
FERTILIZER APPLIED N		90	100	100	100	100																	
P		60	40	50	60	60																	
K		-	-	-	40	40																	
Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE NAVJOT												DAYS TO 50% POLLEN SHED					DAYS TO 50% SILKING				
		UDAI			BANS			GODH			CHHI			ZN 5		UDAI		BANS		GODH		CHHI	
		R	BANS	R	R	BANS	R	R	BANS	R	R	BANS	R	MEAN	R	UDAI	BANS	UDAI	BANS	UDAI	BANS	CHHI	MEAN
1	BISCO - 855	103.54	-	123.17	9.68	48.45	52.0	47.3	49.3	56.5	51.3	55.3	50.8	53.8	58.3	54.6	-	-	-	-	-	-	
2	KLM - 7	10.87	-	-	-	-	48.5	45.8	49.8	54.2	49.6	52.5	48.8	56.8	53.7	-	-	-	-	-	-	-	
CHECKS:																							
3	BIO- 9637	70.46	18.92	43.08	15.35	33.46	50.3	49.8	50.2	56.7	51.7	53.8	52.8	55.5	58.5	55.1	-	-	-	-	-	-	
4	NAVJOT	-	-	-	-	-	48.3	47.2	45.3	53.5	48.6	51.5	50.3	50.5	55.7	52.0	-	-	-	-	-	-	
MEAN LOCATION		-	-	-	-	-	49.8	47.5	48.7	55.2	50.3	53.3	50.7	54.2	57.3	53.9	-	-	-	-	-	-	
C.D. AT 5%		-	-	-	-	-	2.7	2.0	0.7	0.8	1.6	2.8	2.2	2.7	0.6	2.1	-	-	-	-	-	-	
C.V. %		-	-	-	-	-	3.4	3.5	1.1	1.2	-	3.3	3.5	4.1	0.9	-	-	-	-	-	-	-	
F (Prob)		-	-	-	-	-	.037	.006	.000	.000	-	.063	.012	.001	.000	-	-	-	-	-	-	-	

TABLE NO. 14 (CONT.)

S1 No PEDIGREE	DAYS TO 75% DRY HUSK				MOISTURE % AT HARVEST				PLANT HEIGHT (cm)				ZN 5			
	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	UDAI	BANS	GODH	CHHI	UDAI	BANS
1 BISCO - 855	86.5	86.7	83.2	92.5	87.2	20.6	15.4	11.5	19.4	16.7	191	137	163	214	176	
2 KLM - 7	84.0	85.2	86.3	91.7	86.8	19.2	15.2	16.1	17.8	17.1	189	131	122	210	163	
CHECKS:																
3 BIO- 9637	85.0	88.3	86.0	92.2	87.9	21.7	15.5	14.3	17.9	17.3	236	123	156	249	191	
4 NAVJOT	79.8	87.2	80.7	91.2	84.7	17.0	15.9	14.2	19.2	16.5	205	134	143	198	170	
MEAN LOCATION	83.8	86.8	84.0	91.9	86.6	19.6	15.5	14.0	18.5	16.9	205	131	146	218	175	
C.D. AT 5%	2.2	1.7	0.7	1.2	1.5	2.0	0.2	0.4	0.8	0.8	14.5	3.9	2.6	27.9	12.2	
C.V. %	1.7	1.6	0.7	1.1	-	6.3	1.1	2.1	3.7	-	4.4	2.4	1.4	10.4	-	
F (Prob)	.000	.011	.000	.134	-	.002	.000	.000	.001	-	.000	.000	.000	.009	-	

S1 No PEDIGREE	EAR HEIGHT (cm)				GRAIN SHELLING %				STAND AT HARVEST				OV'L			
	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	UDAI	BANS	GODH	CHHI	UDAI	BANS
1 BISCO - 855	96	46	71	106	80	87.1	80.2	80.6	79.2	81.8	70	58	57	68	63	
2 KLM - 7	90	45	58	93	72	78.6	75.5	62.2	82.7	74.7	69	54	62	54	60	
CHECKS:																
3 BIO- 9637	117	44	58	119	85	88.9	78.7	71.9	83.9	80.9	65	56	60	70	63	
4 NAVJOT	100	50	53	104	77	83.5	77.2	72.8	77.5	77.7	64	58	59	64	61	
MEAN LOCATION	101	46	60	105	78	84.5	77.9	71.9	80.8	78.8	67	56	59	64	62	
C.D. AT 5%	7.9	4.0	3.0	14.5	7.3	3.3	0.5	2.1	3.0	2.2	6.0	3.6	3.4	12.6	-	
C.V. %	4.9	7.0	4.0	11.2	-	2.4	0.5	2.4	3.0	-	5.6	5.1	4.7	16.0	-	
F (Prob)	.000	.027	.000	.012	-	.000	.000	.000	.001	-	.115	.069	.099	.084	-	

TABLE NO. 15

PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT ALMORA, BAJAURA, KANGRA, BARAPANI MECHALAYA, DMED DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR, BELIPAR GORAKHPUR, VARANASI, DHOLI, RANCHI, JASHIPUR, AMBIKAPUR IN AET 1st YEAR, TRIAL No. TR67Z123 DURING KHARIF (2007).

Sl No	GRAIN YIELD (kg/ha) AT 15% MOISTURE												ZN 2									
	ALMO			BAJA			KANG			BARA			MEGH		DELH		R MEAN					
	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R				
1 J H - 3978	9107	2	8026	1	5400	2	2612	5	6286	2	5642	1	7440	2	4111	7	2863	7	5384	6	5088	2
2 J C - 3284	7630	6	5987	6	4930	5	2551	7	5274	6	3250	6	5231	5	4190	5	3119	3	7856	1	4729	5
3 M C H - 35	10558	1	7265	4	5470	1	2855	1	6537	1	3962	3	8051	1	6326	1	2903	6	6848	2	5618	1
CHECKS:																						
4 PARKASH	7878	5	7953	2	5282	3	2767	3	5970	4	4501	2	6971	3	4254	4	3400	2	6194	3	5064	3
5 X - 3342	9005	3	7674	3	5026	4	2783	2	6122	3	3115	7	6218	4	5956	2	3439	1	5629	4	4872	4
6 NARAYADA MOTI	8155	4	5370	7	4533	7	2581	6	5160	7	3670	4	4478	7	4169	6	3022	4	5357	7	4139	7
7 KIRAN	7380	7	6664	5	4839	6	2693	4	5394	5	3346	5	4766	6	4551	3	2959	5	5537	5	4232	6
MEAN YIELD=	9530		6991		5069		2692		5821		3927		6165		4794		3101		6115		4820	
MEAN STAND	56		71		49		49		56		76		64		51		77		68		67	
C.D. AT 5%	1743		790		949		272		939		620		1149		1004		419		960		830	
C.V. %	11.58		6.41		10.62		5.73		-		8.94		10.57		11.88		7.65		8.90		-	
F (Prob)	.001		.000		.185		.519		-		.000		.000		.000		.020		.000		-	
PLOT SIZE=	9.00		9.60		7.20		12.00		-		12.00		10.92		11.20		12.00		9.60		-	
AGRONOMY DATA:																						
SOWING DATE (2007)	30-06		22-06		26-06		-		-		2-07		25-07		1-07		27-06		19-07		-	
HARVEST DATE (2007)	31-10		28-09		28-09		-		-		9-10		5-11		29-09		27-10		29-10		-	
IRRIGATION Nos	-		2		-		-		-		1		-		5		3		-		-	
FERTILIZER APPLIED N	80		120		120		-		-		120		80		150		120		-		-	
P	60		60		60		-		-		60		40		60		60		-		-	
K	40		40		40		-		-		40		-		60		40		-		-	

TABLE NO. 15 (CONT.)

GRAIN YIELD (kg/ha) AT 15% MOISTURE																	
S1 No	PEDIGREE	BELI		VARA		DHOL		RANC		JASH		AMBI		OV'L			
		R	R	R	R	R	R	R	R	R	R	R	R	R	R		
1	J H - 3978	4083	3	7436	3	2647	2	7125	3	4662	4	7467	2	5570	3	5600	2
2	J C - 3284	3251	4	5353	7	2308	3	4815	7	4259	5	5751	5	4289	5	4699	5
3	M C H - 35	4390	2	7887	2	2674	1	8246	1	5777	1	8559	1	6255	1	6118	1
CHECKS:																	
4	PARKASH	3059	7	7388	4	2166	5	7030	4	4996	2	6500	4	5190	4	5356	4
5	X - 3342	4407	1	8047	1	2179	4	8232	2	4765	3	7080	3	5785	2	5570	3
6	NARMADA MOTI	3128	6	5805	5	2131	6	5230	5	3941	6	5484	7	4287	6	4470	7
7	KIRAN	3188	5	5530	6	2065	7	5170	6	3787	7	5722	6	4244	7	4547	6
	MEAN YIELD=	3644		6778		2310		6550		4598		6652		5089		5194	
	MEAN STAND	57		70		46		65		60		70		61		62	
	C.D. AT 5%	400		1135		552		1699		557		1412		959		911	
	C.V. %	6.23		9.49		13.55		10.60		6.87		12.03		-		-	
	F (Prob)	.000		.000		.250		.003		.000		.000		-		-	
	PLOT SIZE=	9.60		9.60		12.00		11.20		9.60		9.60		-		-	
AGRONOMY DATA:																	
	SOWING DATE (2007)	8-07		25-06		12-07		3-07		10-07		2-07		-		-	
	HARVEST DATE (2007)	18-10		3-10		-		12-10		25-10		-		-		-	
	IRRIGATION Nos	-		2		-		-		-		-		-		-	
	FERTILIZER APPLIED N	150		100		150		100		120		80		-		-	
	P	75		40		75		60		60		50		-		-	
	K	60		40		50		40		60		30		-		-	

GRAIN YIELD & SUPERIORITY OVER THE PARKASH															
S1 No	PEDIGREE	ALMO	BAJA	KANG	MEGH	ZN 1		DELH	LUDH	KARN	PANT	KANP	ZN 2		
						BARA	DMRD						MEAN	MEAN	KANP
1	J H - 3978	15.60	0.91	2.24	-	5.30	25.37	6.74	-	-	-	-	-	0.48	
2	J C - 3284	-	-	-	-	-	-	-	-	-	-	-	26.82	-	
3	M C H - 35	34.01	-	3.56	3.19	9.50	-	15.50	48.71	-	-	-	10.56	10.94	
CHECKS:															
4	PARKASH	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	X - 3342	14.31	-	0.58	2.55	-	-	-	40.01	1.14	-	-	-	-	
6	NARMADA MOTI	3.51	-	-	-	-	-	-	-	-	-	-	-	-	
7	KIRAN	-	-	-	-	-	-	-	6.99	-	-	-	-	-	

TABLE NO. 15 (CONT.)

S1 NO PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE KIRAN										OV'L MEAN
	GORA BELI	VARA	DHOL	RANC	JASH	AMBI	ZN 3 MEAN				
1 J H - 3978	28.10	34.46	28.18	37.81	23.10	30.50	31.26			23.18	
2 J C - 3284	2.00	-	11.75	-	12.45	0.51	1.08			3.35	
3 M C H - 35	37.73	42.61	29.48	59.50	52.52	49.59	47.41			34.57	
CHECKS:											
4 PARKASH	-	33.60	4.88	35.97	31.92	13.61	22.30			17.80	
5 X - 3342	38.26	45.51	5.49	59.22	25.83	23.75	36.32			22.52	
6 NARMADA MOTI	-	4.97	3.18	1.16	4.06	-	1.01			-	
7 KIRAN	-	-	-	-	-	-	-			-	

DAYS TO 50% POLLEN SHED

S1 NO PEDIGREE	DAYS TO 50% POLLEN SHED										ZN 2 MEAN	
	ALMO	BAJA	KANG	BARA	MEGH	ZN 1 MEAN	DEIH	DMRD	LUDH	KARN		PANT
1 J H - 3978	49.7	55.0	49.0	54.3	52.0	51.7	44.0	46.7	46.7	46.7	52.0	48.2
2 J C - 3284	50.7	54.3	48.7	54.3	52.0	50.7	45.0	47.0	47.0	47.7	49.0	47.9
3 M C H - 35	55.3	62.7	49.7	54.7	55.6	54.0	47.3	47.7	51.0	53.0	50.6	
CHECKS:												
4 PARKASH	50.3	55.7	49.3	54.7	52.5	52.3	44.0	47.7	47.0	49.0	48.0	
5 X - 3342	50.3	54.0	49.3	54.0	51.9	53.3	45.0	48.3	47.0	53.0	49.3	
6 NARMADA MOTI	54.3	59.0	48.3	54.7	54.1	53.3	46.3	47.7	49.3	54.3	50.2	
7 KIRAN	52.3	56.7	48.3	54.3	52.9	52.3	46.3	47.3	49.0	52.3	49.5	
MEAN LOCATION												
C.D. AT 5%	1.1	1.3	1.8	1.0	1.3	2.6	1.6	1.0	3.2	0.5	1.8	
C.V. %	1.2	1.3	2.0	1.0	-	2.8	1.9	1.2	3.7	0.5	-	
F (Prob)	.000	.000	.568	.715	-	.187	.003	.055	.098	.000	-	

TABLE NO. 15 (CONT.)

S1 No PEDIGREE	DAYS TO 50% POLLEN SHED							DAYS TO 50% SILKING						
	GORA							OV'L						
	BELI	VARA	DHOL	RANC	JASH	AMBI	ZN 3	OV'L	ALMO	HAJA	KANG	BARA	ZN 1	
	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	
1 J H - 3978	52.3	46.7	54.7	49.0	42.7	47.7	48.8	49.5	50.7	57.7	51.7	57.3	54.3	
2 J C - 3284	51.0	45.7	54.7	48.0	41.0	46.0	47.7	48.9	51.7	57.0	51.0	57.3	54.3	
3 M C H - 35	54.3	49.3	58.3	50.5	51.0	49.7	52.2	52.6	56.7	65.0	52.3	57.7	57.9	
CHECKS:														
4 PARKASH	55.3	48.3	56.3	48.0	43.0	47.3	49.7	49.9	51.3	58.3	52.0	57.7	54.8	
5 X - 3342	50.7	46.3	56.7	47.0	42.0	46.7	48.2	49.6	51.3	56.3	52.3	57.0	54.3	
6 NARMADA MOTI	52.7	47.0	58.3	50.0	45.3	47.7	50.2	51.2	56.3	61.0	50.7	58.7	56.7	
7 KIRAN	52.3	46.3	54.0	49.0	45.0	47.0	48.9	50.2	53.7	59.7	51.0	57.3	55.4	
MEAN LOCATION	52.7	47.1	56.1	48.8	44.3	47.4	49.4	50.3	53.1	59.3	51.6	57.6	55.4	
C.D. AT 5%	1.0	1.2	5.0	2.4	2.5	1.1	2.2	-	1.3	1.2	1.8	1.3	1.4	
C.V. %	1.0	1.5	5.0	2.0	3.2	1.2	-	-	1.4	1.2	2.0	1.3	-	
F (Prob)	.000	.000	.367	.100	.000	.000	-	-	.000	.000	.302	.259	-	

S1 No PEDIGREE	DAYS TO 50% SILKING							OV'L						
	DELH							Zn 3						
	DHRD	LUDH	KARN	PANT	KANP	BELI	VARA	DHOL	RANC	JASH	AMBI	ZN 3	OV'L	
	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	
1 J H - 3978	54.3	45.0	49.7	55.3	57.0	52.3	54.3	51.0	56.3	53.0	46.0	51.0	52.7	
2 J C - 3284	55.3	46.0	50.3	55.7	54.0	52.3	53.3	50.7	57.3	52.0	45.3	48.7	52.4	
3 M C H - 35	58.0	48.3	50.7	58.0	57.0	54.4	56.3	53.3	60.7	55.0	54.0	52.3	55.7	
CHECKS:														
4 PARKASH	55.0	45.0	50.7	53.0	53.0	51.3	57.7	52.0	58.3	52.0	46.7	50.3	52.9	
5 X - 3342	57.7	45.7	50.3	55.7	58.0	53.5	52.3	49.7	58.7	51.0	45.7	49.7	52.8	
6 NARMADA MOTI	60.0	48.0	51.3	59.3	59.3	55.6	54.7	55.3	61.0	54.5	48.7	51.0	55.3	
7 KIRAN	59.3	47.3	50.3	55.0	57.3	53.9	54.3	50.7	56.3	53.5	48.7	49.7	53.6	
MEAN LOCATION	57.1	46.5	50.5	56.0	56.5	53.3	54.7	51.8	58.4	53.0	47.9	50.4	53.6	
C.D. AT 5%	4.2	1.8	1.4	3.4	0.5	2.3	1.3	1.5	5.9	3.5	1.8	1.7	2.6	
C.V. %	4.1	2.2	1.6	3.5	0.5	-	1.3	1.6	5.7	2.7	2.1	1.9	-	
F (Prob)	.067	.005	.356	.033	.000	-	.000	.000	.482	.208	.000	.010	-	

TABLE NO. 15 (CONT.)

SI	NO PEDIGREE	DAYS TO 75% DRY HUSK										ZN 2 GORA			ZN 3 OV'L				
		ALMO	BAJA	KANG	MEGH	BARA	MEAN	LUDH	KARN	PANT	KAMP	MEAN	BELI	VARA	DHOL	RANC	JASH	AMBI	MEAN
1	J H - 3978	94.7	89.3	82.7	104.0	92.7	74.3	80.3	90.7	87.0	83.1	81.3	86.0	82.7	91.5	83.7	88.3	85.6	86.9
2	J C - 3284	91.7	89.0	82.0	105.3	92.0	73.3	80.3	89.7	83.0	81.6	75.3	84.7	77.7	91.5	82.0	89.0	83.4	85.3
3	M C H - 35	100.0	95.7	82.7	108.0	96.6	77.7	81.0	88.7	85.0	83.1	81.3	86.7	83.3	92.5	96.0	92.0	87.0	88.6
CHECKS:																			
4	PARKASH	91.3	90.0	83.7	106.3	92.8	75.0	80.7	90.0	86.0	82.9	81.3	89.0	81.3	92.0	85.3	91.3	86.7	87.4
5	X - 3342	90.7	87.3	83.7	106.7	92.1	75.3	80.3	90.7	84.0	82.6	76.3	81.7	81.0	91.0	83.7	90.7	84.1	85.9
6	NARMADA MOTI	95.0	88.7	82.7	104.7	92.7	75.0	80.3	90.0	86.0	82.8	77.3	88.3	81.0	92.0	84.0	90.0	85.4	86.8
7	KIRAN	92.7	91.3	81.3	109.3	93.7	75.3	80.3	89.3	86.0	82.8	75.0	83.0	78.3	92.0	85.0	88.7	83.7	86.3
MEAN LOCAT.																			
	C.D. AT 5%	1.4	1.6	4.2	3.1	2.6	1.0	1.2	3.9	0.0	1.5	1.4	1.8	4.6	0.9	2.8	1.2	2.1	-
	C.V. %	0.8	1.0	2.8	1.7	-	0.8	0.9	2.5	0.0	-	1.0	1.2	3.2	0.4	1.9	0.8	-	-
	F (Prob)	.000	.000	.873	.034	-	.000	.838	.917	-	-	.000	.000	.154	.084	.131	.000	-	-

SI	NO PEDIGREE	MOISTURE % AT HARVEST										ZN 2 GORA			ZN 3 OV'L				
		ALMO	BAJA	KANG	MEGH	BARA	MEAN	DMRD	LUDH	KARN	PANT	MEAN	BELI	VARA	DHOL	RANC	JASH	AMBI	MEAN
1	J H - 3978	28.3	23.4	21.1	24.3	24.3	26.1	28.8	32.1	16.5	25.9	24.1	24.5	29.7	23.2	18.0	14.5	22.3	23.9
2	J C - 3284	27.1	22.5	22.8	25.0	24.4	28.0	26.2	31.0	16.4	25.4	19.6	23.5	22.7	23.0	18.0	16.0	20.5	23.0
3	M C H - 35	32.4	24.5	21.6	24.0	25.6	27.7	29.9	32.1	18.1	26.9	23.2	25.5	31.2	23.0	17.8	14.9	22.6	24.7
CHECKS:																			
4	PARKASH	27.1	22.0	21.5	27.0	24.4	27.3	27.3	33.2	16.8	26.1	24.5	24.8	30.7	22.7	17.4	14.9	22.5	24.1
5	X - 3342	28.4	22.4	22.8	25.3	24.7	31.5	27.2	32.2	15.7	26.7	22.0	23.5	30.0	22.9	17.7	15.6	22.0	24.1
6	NARMADA MOTI	29.4	26.9	22.8	24.7	25.9	31.0	28.2	34.0	16.4	27.4	22.9	24.8	28.0	23.9	17.2	15.5	22.0	24.7
7	KIRAN	24.9	23.0	22.3	25.7	24.0	28.3	27.5	29.8	15.9	25.4	19.0	23.0	27.6	24.2	17.1	15.5	21.1	23.1
MEAN LOCATON																			
	C.D. AT 5%	1.3	1.1	2.0	3.4	1.9	4.9	0.8	0.0	2.0	1.9	1.0	0.9	0.0	3.3	0.4	0.5	1.0	-
	C.V. %	2.7	2.7	5.0	7.5	-	9.7	1.7	0.0	6.7	-	2.6	2.0	0.0	5.8	1.4	1.8	-	-
	F (Prob)	.000	.000	.308	.563	-	.246	.000	-	.260	-	.000	.000	-	.893	.002	.000	-	-

TABLE NO. 15 (CONT.)

S1	PLANT HEIGHT (cm)										ZN 2		ZN 3									
	NO PEDIGREE	ALMO	BAJA	KANG	BARA	MEGH	ZN 1	DELH	DMRD	LUDH	KARN	PANT	KANP	MEAN	BELI	VARA	DHOL	RANC	JASH	AMBI	MEAN	OV'L
1	J H - 3978	248	162	202	185	199	154	175	173	177	150	166	139	220	145	197	164	236	184	182		
2	J C - 3284	285	210	205	198	225	177	187	173	207	172	183	135	235	151	222	167	251	193	198		
3	M C H - 35	260	199	192	182	208	137	172	160	165	192	165	124	190	142	214	159	220	175	180		
CHECKS:																						
4	PARKASH	257	196	207	175	209	154	193	173	183	192	179	120	213	140	199	169	237	180	187		
5	X - 3342	252	203	208	189	213	147	168	163	210	179	174	132	233	146	190	168	233	184	188		
6	NARMADA MOTI	268	210	172	185	209	175	193	183	203	165	184	133	225	159	212	184	247	193	194		
7	KIRAN	260	202	202	158	205	165	178	167	183	137	166	131	198	143	216	163	230	180	182		
MEAN LOCATION																						
C.D. AT 5% = 9.3 48.4 46.5 29.9 33.5 16.5 7.0 23.4 31.5 8.2 17.3 17.1 6.0 25.3 36.7 10.1 12.5 17.9 -																						
C.V. % = 2.0 13.8 13.2 9.2 - 5.9 2.2 7.7 9.3 2.7 - 7.4 1.6 9.7 7.2 3.4 3.0 -																						
F (Prob) = .000 .408 .638 .200 - .002 .000 .439 .062 .000 - .323 .000 .688 .409 .005 .003 -																						

S1	EAR HEIGHT (cm)										ZN 2		ZN 3									
	NO PEDIGREE	ALMO	BAJA	KANG	BARA	MEGH	ZN 1	DELH	DMRD	LUDH	KARN	PANT	KANP	MEAN	BELI	VARA	DHOL	RANC	JASH	AMBI	MEAN	OV'L
1	J H - 3978	125	104	88	92	102	82	88	80	77	72	80	45	85	66	98	64	87	74	84		
2	J C - 3284	150	110	105	93	114	98	95	92	87	70	88	47	105	69	114	71	96	84	93		
3	M C H - 35	147	120	88	93	112	69	85	88	73	92	81	48	78	68	110	70	93	78	88		
CHECKS:																						
4	PARKASH	142	112	87	83	106	91	98	90	87	77	89	34	85	65	101	72	91	74	88		
5	X - 3342	130	104	98	88	105	81	80	83	88	75	81	52	100	66	108	68	81	79	87		
6	NARMADA MOTI	153	121	102	94	117	98	105	97	90	80	94	55	93	78	107	85	103	87	97		
7	KIRAN	145	117	90	77	107	83	90	90	83	54	80	51	93	64	110	73	102	82	88		
MEAN LOCATION																						
C.D. AT 5% = 7.7 15.7 13.7 25.3 15.6 14.6 8.8 19.1 18.3 4.3 13.0 11.5 4.9 19.2 25.1 5.6 11.9 13.0 -																						
C.V. % = 3.1 7.8 8.2 16.1 - 9.6 5.4 12.1 12.3 3.2 - 13.7 3.1 15.9 9.6 4.4 7.2 -																						
F (Prob) = .000 .180 .062 .739 - .009 .001 .602 .410 .000 - .035 .000 .773 .733 .000 .018 -																						

TABLE NO. 15 (CONT.)

GRAIN SHELLING %																
SI No PEDIGREE	ZN 1			ZN 2			ZN 3			OV'L						
	ALMO	BAJA	KANG	MEAN	LU DH	KARN	PANT	KANP	MEAN	BELI	GORA	VARA	RANC	JASH	AMBI	MEAN
1 J H - 3978	87.8	84.5	83.0	85.1	90.5	69.0	76.1	66.5	75.3	78.4	81.8	83.3	80.2	87.5	82.2	80.6
2 J C - 3284	86.4	82.4	81.0	83.3	83.8	77.8	82.0	73.5	79.3	72.3	77.5	83.3	78.9	85.0	79.4	80.3
3 M C H - 35	86.6	79.7	83.0	83.1	84.0	70.7	80.2	70.0	76.2	80.3	79.0	85.7	77.2	85.0	81.5	80.1
CHECKS:																
4 PAKASH	87.2	84.6	83.0	84.9	86.5	76.7	83.9	70.0	79.3	75.8	80.0	85.7	79.7	78.0	79.8	80.9
5 X - 3342	83.1	78.4	82.5	81.3	83.1	83.8	82.3	67.5	79.2	81.4	80.5	85.7	78.0	82.0	81.5	80.7
6 NARMADA MOTI	85.4	82.2	80.0	82.5	83.9	74.1	79.6	67.5	76.3	74.9	74.5	83.3	79.0	82.5	78.8	78.9
7 KIRAN	86.4	84.3	82.0	84.2	86.0	78.1	77.2	68.0	77.3	77.3	78.3	80.0	79.5	84.5	79.9	80.1
MEAN LOCATION	86.1	82.3	82.1	83.5	85.4	75.6	80.2	69.0	77.6	77.2	78.8	83.9	78.9	83.5	80.5	80.2
C.D. AT 5%	1.4	1.4	2.3	1.7	3.5	0.0	6.9	1.9	3.1	1.9	0.8	0.0	0.9	5.0	1.7	-
C.V. %	0.9	0.9	1.6	-	2.3	0.0	4.9	1.5	-	1.4	0.6	0.0	0.7	3.4	-	-
F (Prob)	.000	.000	.085	-	.007	-	.237	.000	-	.000	.000	-	.000	.032	-	-

STAND AT HARVEST																
SI No PEDIGREE	MEGH			DELH			GORA			OV'L						
	ALMO	BAJA	KANG	BARA	DMD	LU DH	KARN	PANT	KANP	BELI	VARA	DHOL	RANC	JASH	AMBI	MEAN
1 J H - 3978	57	71	49	50	82	74	49	77	65	60	66	50	65	61	73	63
2 J C - 3284	56	70	47	49	76	55	52	79	72	57	64	38	71	62	61	60
3 M C H - 35	59	75	49	50	77	72	56	78	69	60	75	46	64	60	80	65
CHECKS:																
4 PAKASH	58	70	49	48	77	63	49	79	71	54	67	27	61	61	66	60
5 X - 3342	55	72	51	47	75	64	52	77	64	60	72	54	60	61	69	62
6 NARMADA MOTI	54	71	48	53	73	66	52	74	67	55	75	37	65	58	70	61
7 KIRAN	57	67	48	48	74	56	48	74	65	57	72	67	68	60	70	62
MEAN LOCATION	56	71	49	49	76	64	51	77	68	57	70	46	65	60	70	62
C.D. AT 5%	2.2	5.0	3.8	5.9	3.4	7.1	3.5	3.6	1.3	5.6	2.7	37.7	19.0	2.4	8.5	-
C.V. %	2.1	3.9	4.4	6.8	2.5	6.2	3.9	2.6	1.1	5.5	2.1	46.5	12.0	2.2	6.8	-
F (Prob)	.001	.119	.289	.375	.003	.000	.007	.033	.000	.194	.000	.377	.837	.025	.010	-

TABLE NO. 16

PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DMRD DELHI, HYDERABAD KARIMNAGAR, ARBHAVI, MANDYA, COIMBATORE, KOLHAPUR, UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA IN AET 1st YEAR, TRIAL No. TR67Z45 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												ZN 4			
		DELH												MEAN	R		
		DMRD	R	HYDE	R	KARI	R	ARBH	R	MAND	R	COIM	R	KOLH	R		
1	E H - 1496	3868	4	6399	5	7099	5	5051	7	7335	5	7373	6	4609	8	6311	6
2	COMP. R - 2005-6	3129	9	7657	2	6992	6	7377	1	8004	2	8504	3	6008	3	7423	2
3	J H - 3978	4583	1	5752	10	7576	2	6311	4	7843	3	9096	2	5693	4	7045	4
4	J C - 3288	3849	5	6190	8	5921	8	4390	8	7113	8	6868	7	4303	10	5798	7
5	U M H - 8	3217	8	6243	7	5341	9	4319	9	7791	4	5691	10	4633	7	5670	10
6	M C H - 35	4476	2	9507	1	7950	1	7192	2	9714	1	11520	1	7401	1	8881	1
CHECKS:																	
7	PARKASH	4140	3	6575	4	6439	7	5550	5	6816	9	7950	5	5578	5	6495	5
8	X - 3342	3275	7	7032	3	7397	3	7057	3	7174	6	7956	4	6879	2	7249	3
9	NARMADA MOTI	2940	10	6283	6	5032	10	5321	6	7122	7	6280	8	4571	9	5768	9
10	KIRAN	3539	6	5956	9	7140	4	3996	10	6260	10	5989	9	5424	6	5794	8
	MEAN YIELD=	3702		6759		6689		5656		7517		7723		5510		6642	
	MEAN STAND	70		72		72		70		65		51		97		71	
	C.D. AT 5%	397		1057		649		1972		657		1384		1396		1186	
	C.V. %	6.28		9.15		5.68		20.40		5.12		10.49		14.83		-	
	F (Prob)	.000		.000		.000		.000		.000		.000		.001		-	
	PLOT SIZE=	12.00		12.00		12.00		12.00		11.20		9.60		9.60		-	
AGRONOMY DATA:																	
	SOWING DATE (2007)	2-07		24-06		13-07		20-07		15-07		28-07		12-07		-	
	HARVEST DATE (2007)	9-10		17-10		5-11		29-11		24-11		19-11		28-11		-	
	IRRIGATION Nos	1		1		6		5		7		8		-		-	
	FERTILIZER APPLIED N	120		120		120		150		150		135		100		-	
	P	60		60		60		75		75		63		50		-	
	K	40		40		40		38		40		50		30		-	

TABLE NO. 16 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												
		UDAI	R	BANS	R	GODH	R	CHHI	R	ZN 5	MEAN	R	OV'L	MEAN
1	E H - 1496	6739	1	2499	6	3807	3	7369	9	5103	4	5650	6	
2	COMP. R - 2005-6	5314	4	2364	7	2900	9	8647	5	4806	7	6081	4	
3	J H - 3978	5345	3	3884	2	3446	6	9274	2	5487	2	6255	2	
4	J C - 3288	5148	6	2350	8	3525	5	9181	3	5051	5	5349	7	
5	U M H - 8	4691	7	2271	10	3609	4	6445	10	4254	10	4932	10	
6	M C H - 35	5830	2	3929	1	3166	8	10590	1	5879	1	7389	1	
CHECKS:														
7	PARKASH	4452	8	2828	5	3179	7	9123	4	4895	6	5694	5	
8	X - 3342	5229	5	3058	4	4147	1	8247	7	5171	3	6132	3	
9	NARMADA MOTI	3484	9	2345	9	3991	2	7438	8	4315	8	4982	9	
10	KIRAN	2849	10	3181	3	2634	10	8365	6	4257	9	5030	8	
	MEAN YIELD=	4908		2871		3440		8468		4922		5749		
	MEAN STAND	72		50		75		75		68		70		
	C.D. AT 5%=	501		697		735		1750		921		1018		
	C.V. % =	5.98		14.22		12.51		12.09		-		-		
	F (Prob)	.000		.000		.004		.001		-		-		
	PLOT SIZE=	9.60		9.60		9.60		11.20		-		-		
AGRONOMY DATA:														
	SOWING DATE(2007)	2-07		1-07		7-07		29-06		-		-		
	HARVEST DATE(2007)	14-10		22-10		26-10		8-10		-		-		
	IRRIGATION Nos	2		-		1		-		-		-		
	FERTILIZER APPLIED N	90		100		100		80		-		-		
	P	60		40		50		50		-		-		
	K	-		-		50		30		-		-		

TABLE NO. 16 (CONT.)

GRAIN YIELD % SUPERIORITY OVER THE PARVASH																	
Sl	No PEDIGREE	DELH	DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L R MEAN	
1	E H - 1496	-	-	10.25	-	7.61	-	-	-	51.37	-	19.73	-	-	4.25	-	
2	COMP. R - 2005-6	-	16.45	8.60	32.91	17.43	6.97	7.70	14.48	19.36	-	-	-	-	-	6.81	
3	J H - 3978	10.69	-	17.67	13.72	15.07	14.42	2.05	8.64	20.05	37.37	8.37	1.66	12.09	9.85	-	
4	J C - 3288	-	-	-	-	4.37	-	-	-	15.63	-	10.86	0.64	3.17	-	-	
5	U M H - 8	-	-	-	-	14.30	-	-	-	5.36	-	13.50	-	-	-	-	
6	M C H - 35	8.11	44.59	23.48	29.58	42.52	44.91	32.67	36.95	30.94	38.94	-	16.09	20.09	29.77	-	
CHECKS:																	
7	PARVASH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	X - 3342	-	6.95	14.88	27.15	5.26	0.08	23.32	11.79	17.46	8.17	30.45	-	-	5.62	7.70	
9	NARMADA MOTI	-	-	-	-	4.49	-	-	-	-	-	25.54	-	-	-	-	
10	KIRAN	-	-	10.89	-	-	-	-	-	-	12.49	-	-	-	-	-	

GRAIN YIELD % SUPERIORITY OVER THE X - 3342																
Sl	No PEDIGREE	DELH	DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L R MEAN
1	E H - 1496	18.09	-	-	-	2.24	-	-	-	28.87	-	-	-	-	-	-
2	COMP. R - 2005-6	-	8.88	-	4.53	11.56	6.89	-	-	2.40	1.62	-	-	4.84	-	-
3	J H - 3978	39.91	-	2.43	-	9.32	14.33	-	-	-	2.20	27.00	-	12.45	6.12	2.00
4	J C - 3288	17.50	-	-	-	-	-	-	-	-	-	-	-	11.32	-	-
5	U M H - 8	-	-	-	-	8.59	-	-	-	-	-	-	-	-	-	-
6	M C H - 35	36.65	35.19	7.49	1.92	35.40	44.80	7.59	22.51	11.48	28.45	-	28.41	13.70	20.49	-
CHECKS:																
7	PARVASH	26.41	-	-	-	-	-	-	-	-	-	-	-	10.61	-	-
8	X - 3342	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	NARMADA MOTI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	KIRAN	8.06	-	-	-	-	-	-	-	-	4.00	-	-	1.42	-	-

TABLE NO. 16 (CONT.)

SL NO	PEDIGREE	DAYS TO 50% POLLEN SHED										ZN 5 CV'L MEAN				
		DELH	DMRD	HIDE	KARI	ARBH	MAND	COIM	KOLH	MEAN	UDAI		BANS	GODH	CHHI	
1	E H - 1496	52.0	53.0	42.0	42.0	52.0	48.7	48.3	52.7	49.4	49.0	46.7	51.0	51.0	49.4	49.7
2	COMP. R - 2005-6	60.3	56.7	50.0	59.3	53.0	53.0	55.0	57.7	55.3	56.7	54.0	55.3	58.3	56.1	56.0
3	J X - 3978	52.7	53.0	43.0	53.0	49.0	49.0	51.0	54.3	50.6	50.3	52.0	51.7	52.7	51.7	51.2
4	J C - 3288	53.7	51.0	42.3	52.0	48.3	47.3	47.3	56.3	49.6	48.0	47.7	48.0	52.0	48.9	49.7
5	U M H - 8	56.3	55.3	45.0	54.7	51.7	52.7	54.0	54.0	52.2	51.3	55.7	54.7	53.7	53.8	53.2
6	M C H - 35	55.7	54.0	46.7	57.3	53.0	54.7	53.0	53.0	53.1	53.7	45.7	50.0	55.3	51.2	52.6
CHECKS:																
7	PARKASH	54.3	52.3	43.7	52.3	49.0	49.0	51.0	53.0	50.2	50.3	49.7	50.3	53.3	50.9	50.8
8	X - 3342	52.7	53.0	43.0	52.0	49.0	49.0	48.3	53.0	49.7	48.0	50.3	49.3	51.3	49.7	50.0
9	NARMADA MOTI	55.3	53.7	45.3	54.3	49.3	49.3	51.0	55.3	51.5	50.0	48.0	48.3	55.0	50.3	51.4
10	KIRAN	52.0	51.7	42.7	53.7	49.3	49.3	50.0	52.0	49.9	52.3	48.0	48.3	52.7	50.3	50.2
MEAN LOCATION																
	C.D. AT 5%	3.2	3.0	1.4	1.4	2.0	2.0	2.0	2.2	2.0	0.8	3.4	3.0	1.6	2.2	-
	C.V. %	3.4	3.3	1.9	1.5	2.3	2.2	2.2	2.4	-	0.9	4.0	3.5	1.7	-	-
	F (Prob)	.001	.034	.000	.000	.000	.000	.000	.001	-	.000	.000	.000	.000	-	-

SL NO	PEDIGREE	DAYS TO 50% SILKING										ZN 5 CV'L MEAN				
		DELH	DMRD	HIDE	KARI	ARBH	MAND	COIM	KOLH	MEAN	UDAI		BANS	GODH	CHHI	
1	E H - 1496	58.0	56.3	44.3	53.0	50.0	50.0	53.0	53.7	51.7	50.3	50.3	53.0	51.3	51.2	52.1
2	COMP. R - 2005-6	63.7	60.0	52.0	60.3	55.3	55.3	57.0	58.0	57.1	58.7	58.0	57.7	59.0	58.3	58.2
3	J H - 3978	57.0	56.0	45.0	54.0	50.3	50.3	53.3	53.7	52.1	52.3	55.3	53.3	53.7	53.7	53.1
4	J C - 3288	56.7	54.7	44.3	54.0	50.0	50.0	52.3	57.3	52.1	51.3	51.3	49.7	53.0	51.3	52.2
5	U M H - 8	59.3	56.0	47.3	58.7	53.7	53.7	55.3	55.0	54.3	54.3	59.3	56.3	55.7	56.4	55.5
6	M C H - 35	59.0	56.3	48.3	58.3	55.0	56.7	54.0	54.0	54.8	56.3	49.3	51.3	56.0	53.3	54.6
CHECKS:																
7	PARKASH	56.7	54.7	45.7	52.7	50.7	50.7	53.3	54.0	51.8	52.3	54.0	52.3	53.3	53.0	52.7
8	X - 3342	57.7	55.3	45.0	53.7	50.3	50.3	52.0	54.0	51.7	51.3	53.7	51.3	52.7	52.3	52.5
9	NARMADA MOTI	60.7	56.7	47.0	56.7	51.7	54.3	56.3	56.3	53.8	52.3	51.3	50.3	57.3	52.8	54.1
10	KIRAN	58.3	54.7	45.3	56.0	51.0	53.3	53.0	53.0	52.2	54.3	51.3	50.3	55.0	52.8	53.0
MEAN LOCATION																
	C.D. AT 5%	2.9	3.3	1.6	1.6	2.7	2.4	2.4	1.3	2.2	0.9	3.5	3.0	1.6	2.3	-
	C.V. %	2.9	3.4	2.0	1.7	3.1	2.5	1.4	1.4	-	0.9	3.9	3.3	1.7	-	-
	F (Prob)	.002	.093	.000	.000	.002	.002	.002	.000	-	.000	.000	.000	.000	-	-

TABLE NO. 16 (CONT.)

Sl No	PEDIGREE	DAYS TO 50% SLIKING										ZN 5 MEAN	OV'L MEAN		
		DELH	DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI			BANS	GODH
1	E H - 1496	58.0	56.3	44.3	53.0	50.0	53.0	53.7	51.7	50.3	50.3	53.0	51.3	51.2	52.1
2	COMP. R - 2005-6	63.7	60.0	52.0	60.3	55.3	57.0	58.0	57.1	58.7	58.0	57.7	59.0	58.3	58.2
3	J H - 3978	57.0	56.0	45.0	54.0	50.3	53.3	53.7	52.1	52.3	55.3	53.3	53.7	53.7	53.1
4	J C - 3288	56.7	54.7	44.3	54.0	50.0	52.3	57.3	52.1	51.3	51.3	49.7	53.0	51.3	52.2
5	U M H - 8	59.3	56.0	47.3	58.7	53.7	55.3	55.0	54.3	54.3	59.3	56.3	55.7	56.4	55.5
6	M C H - 35	59.0	56.3	48.3	58.3	55.0	56.7	54.0	54.8	56.3	49.3	51.3	56.0	53.3	54.6
CHECKS:															
7	PARKASH	56.7	54.7	45.7	52.7	50.7	53.3	54.0	51.8	52.3	54.0	52.3	53.3	53.0	52.7
8	X - 3342	57.7	55.3	45.0	53.7	50.3	52.0	54.0	51.7	51.3	53.7	51.3	52.7	52.3	52.5
9	NARMADA MOTI	60.7	56.7	47.0	56.7	51.7	54.3	56.3	53.8	52.3	51.3	50.3	57.3	52.8	54.1
10	KIRAN	58.3	54.7	45.3	56.0	51.0	53.3	53.0	52.2	54.3	51.3	50.3	55.0	52.8	53.0
MEAN LOCATION															
C.D. AT 5%*															
C.V. %															
F (Prob)															

Sl No	PEDIGREE	DAYS TO 75% DRY HUSK										ZN 5 MEAN	OV'L MEAN		
		HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH			CHHI	
1	E H - 1496	93.3	79.3	84.7	94.7	98.0	98.0	86.7	89.4	83.3	83.3	79.3	82.7	82.2	86.5
2	COMP. R - 2005-6	96.3	85.0	91.3	98.0	102.0	91.0	91.0	93.9	88.7	86.7	87.0	89.0	87.8	91.5
3	J H - 3978	93.7	81.3	85.0	95.7	98.3	86.7	86.7	90.1	86.7	82.0	78.3	87.7	83.7	87.5
4	J C - 3288	92.3	79.7	84.7	95.0	97.3	90.3	90.3	89.9	82.3	84.0	77.0	83.0	81.6	86.6
5	U M H - 8	93.7	80.7	86.7	98.0	100.3	88.0	88.0	91.2	86.7	90.7	83.7	88.0	87.3	89.6
6	M C H - 35	96.0	82.3	89.3	96.3	101.7	87.0	87.0	92.1	86.3	83.0	81.7	87.3	84.6	89.1
CHECKS:															
7	PARKASH	92.7	81.3	84.7	95.0	98.3	87.0	87.0	89.8	81.7	84.7	82.0	85.0	83.3	87.2
8	X - 3342	94.3	80.7	84.3	93.0	97.0	87.0	87.0	89.4	83.0	81.0	79.3	83.7	81.8	86.3
9	NARMADA MOTI	93.3	81.7	85.7	96.3	99.3	89.3	89.3	90.9	84.7	83.3	78.3	85.0	82.8	87.7
10	KIRAN	92.3	80.7	85.0	93.0	98.3	86.0	86.0	89.2	81.3	81.3	79.3	85.3	81.8	86.3
MEAN LOCATION															
C.D. AT 5%*															
C.V. %															
F (Prob)															

TABLE NO. 16 (CONT.)

S1 NO PEDIGREE	PLANT HEIGHT (cm)											ZN 5 MEAN	OV'L MEAN	
	DELH	DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS			GODH
1 E H - 1496	145	185	158	182	176	167	170	173	160	140	137	198	159	165
2 COMP. R - 2005-6	149	222	185	196	204	196	202	201	182	135	136	197	162	182
3 J H - 3978	142	205	159	199	205	197	177	190	167	132	137	180	154	173
4 J C - 3288	166	202	156	186	177	188	177	181	175	147	139	177	159	172
5 U M H - 8	133	187	147	178	161	157	180	168	162	104	130	155	138	154
6 M C H - 35	123	192	154	180	178	180	165	175	160	139	160	185	161	165
CHECKS:														
7 PARKASH	151	202	160	189	197	192	158	183	165	141	135	195	159	171
8 X - 3342	156	198	158	179	182	181	155	175	157	146	143	197	160	168
9 NARMADA MOTI	157	203	175	192	181	194	187	189	197	145	145	210	174	181
10 KIRAN	157	195	163	181	175	180	172	178	162	146	141	178	157	168
MEAN LOCATION														
C.D. AT 5%	19.8	18.3	10.8	7.8	27.1	9.8	30.7	17.4	13.0	7.7	11.4	23.7	14.0	170
C.V. %	7.8	5.4	3.9	2.5	8.6	3.1	10.3	-	4.5	3.3	4.8	7.4	-	-
F (Prob)	.009	.025	.000	.000	.054	.000	.148	-	.000	.000	.004	.008	-	-

S1 NO PEDIGREE	EAR HEIGHT (cm)											ZN 5 MEAN	OV'L MEAN	
	DELH	DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS			GODH
1 E H - 1496	77	83	77	84	88	87	78	83	88	64	56	102	77	80
2 COMP. R - 2005-6	70	80	76	89	102	103	100	92	88	60	51	97	74	83
3 J H - 3978	77	83	85	106	107	103	93	96	75	52	45	87	55	83
4 J C - 3288	99	90	70	82	85	88	77	82	93	62	52	88	74	80
5 U M H - 8	64	83	75	73	79	69	78	76	82	44	45	70	60	69
6 M C H - 35	61	90	69	83	91	94	80	84	87	55	62	87	75	79
CHECKS:														
7 PARKASH	89	87	77	88	101	94	70	86	90	65	53	103	78	83
8 X - 3342	83	97	75	79	93	86	80	85	82	66	57	102	77	82
9 NARMADA MOTI	85	95	82	94	94	96	102	94	92	63	55	115	81	88
10 KIRAN	81	95	89	82	93	95	82	89	80	64	65	98	77	84
MEAN LOCATION														
C.D. AT 5%	13.8	18.1	9.3	6.7	19.3	5.0	22.2	13.8	14.5	6.7	6.9	18.9	11.7	-
C.V. %	10.3	11.9	7.0	5.9	12.1	3.2	15.4	-	9.9	6.5	7.5	11.6	-	-
F (Prob)	.001	.521	.006	.000	.183	.000	.100	-	.247	.000	.000	.008	-	-

TABLE NO. 16 (CONT.)

S1 NO PEDIGREE	GRAIN SHELLING %												ZN 5 MEAN	OV'L MEAN
	HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH	CHHI			
1 E H - 1496	78.8	84.6	83.1	82.2	82.8	90.6	83.7	83.6	73.9	74.0	76.2	76.9	81.0	
2 COMP. R - 2005-6	75.0	79.1	81.0	82.4	80.7	81.9	80.0	81.3	75.2	75.0	75.0	76.6	78.7	
3 J H - 3978	74.7	84.6	85.2	73.1	82.4	88.2	81.4	83.2	78.2	78.5	86.9	81.7	81.5	
4 J C - 3288	76.5	80.7	82.6	83.6	82.3	84.7	81.7	80.6	69.1	82.0	88.2	80.0	81.0	
5 U M H - 8	76.3	86.8	84.6	88.3	84.0	82.6	83.8	82.7	73.9	83.5	70.2	77.6	81.3	
6 M C H - 35	80.1	79.3	80.5	83.3	81.1	89.4	82.3	79.1	79.4	80.0	75.0	78.4	80.7	
CHECKS:														
7 PARKASH	76.0	83.3	83.6	83.5	83.3	84.1	82.3	83.2	76.0	78.0	77.5	78.7	80.8	
8 X - 3342	76.0	80.6	81.9	80.8	75.4	84.5	79.9	81.4	70.1	77.5	75.0	76.0	78.3	
9 NARMADA MOTI	76.2	81.2	76.9	82.9	80.8	82.9	80.2	80.3	66.4	80.0	75.0	75.4	78.3	
10 KIRAN	76.0	86.8	80.5	85.5	81.8	89.9	83.4	80.3	71.0	73.5	80.3	76.3	80.6	
MEAN LOCATION	76.5	82.7	82.0	82.6	81.5	85.9	81.9	81.6	73.3	78.2	77.9	77.7	80.2	
C.D. AT 5% =	3.3	2.2	2.5	2.6	0.4	6.3	2.9	0.4	3.5	5.4	4.1	3.3	-	
C.V. % =	2.5	1.6	1.7	1.8	0.3	4.3	-	0.3	2.8	4.0	3.0	-	-	
F (Prob)	.069	.000	.000	.000	.000	.058	-	.000	.000	.014	.000	-	-	

S1 NO PEDIGREE	STAND AT HARVEST												OV'L MEAN
	DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	UDAI	BANS	GODH	CHHI		
1 E H - 1496	72	78	71	74	64	52	100	81	56	78	76	73	
2 COMP. R - 2005-6	66	68	68	63	65	40	96	76	52	74	77	68	
3 J H - 3978	71	70	75	76	66	56	100	69	50	67	74	70	
4 J C - 3288	69	71	77	71	67	55	91	65	51	74	73	69	
5 U M H - 8	65	70	67	52	66	43	100	72	45	76	65	65	
6 M C H - 35	72	79	72	78	65	53	100	74	58	77	75	73	
CHECKS:													
7 PARKASH	70	66	71	73	62	59	90	68	45	75	78	69	
8 X - 3342	74	74	71	74	63	53	100	69	47	73	78	71	
9 NARMADA MOTI	71	77	75	71	65	53	100	71	41	73	78	70	
10 KIRAN	69	67	70	70	65	48	95	72	53	79	73	69	
MEAN LOCATION	70	72	72	70	65	51	97	72	50	75	75	70	
C.D. AT 5% =	3.9	5.1	6.6	10.0	5.8	6.8	14.0	5.6	4.5	8.9	7.0	-	
C.V. % =	3.2	4.2	5.4	8.3	5.2	7.8	8.4	4.6	5.3	7.0	5.4	-	
F (Prob)	.003	.000	.076	.002	.750	.000	.667	.001	.000	.366	.037	-	

TABLE NO. 17

PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT ALMORA
 RAJAURA, KANGRA, BARAPANI MEGHALAYA, DMRD DELHI IN AET 1st YEAR, TRIAL No. TR68Z1
 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE															
		ALMO	BAJA	KANG	BARA	MEGH	ZN 1	DELH	OV'L	ALMO	BAJA	KANG	BARA	MEGH	ZN 1	DELH	OV'L
		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1	F H - 3356	10916	2	7289	1	5820	1	2394	9	6605	1	848	10	5454	1		
2	F H - 3358	11536	1	4338	10	5635	3	2505	5	6004	2	2749	4	5353	3		
3	V L - 113	7888	7	6270	2	5506	6	2284	10	5487	6	1712	8	4732	7		
4	V L - 114	7558	8	4839	6	5237	8	2540	4	5043	8	1994	7	4434	8		
5	COMP. R - 2005 - 5	9540	4	4950	5	5544	5	2439	7	5618	4	2974	3	5089	4		
6	A H - 56191	7934	6	6043	4	4745	10	2557	3	5320	7	3844	1	5025	5		
CHECKS:																	
7	SURYA	6920	10	4656	9	5721	2	2570	2	4967	9	1638	9	4301	10		
8	VIVEK HYBRID - 17	9479	5	4827	8	5338	7	2466	6	5528	5	2285	5	4879	6		
9	VIVEK HYBRID - 9	9545	3	6090	3	5632	4	2577	1	5961	3	3222	2	5413	2		
10	HIM - 129	7534	9	4835	7	4855	9	2428	8	4913	10	2100	6	4350	9		
	MEAN YIELD=	8885		5414		5403		2476		5545		2337		4903			
	MEAN STAND	61		60		50		46		54		69		57			
	C.D. AT 5%	1656		912		1825		419		1203		416		1046			
	C.V. %	10.91		9.85		19.77		9.91		-		10.42		-			
	F (Prob)	.000		.000		.941		.999		-		.000		-			
	PLOT SIZE=	9.60		9.60		7.20		12.00		-		13.00		-			
AGRONOMY DATA:																	
	SOWING DATE (2007)	29-06		25-06		26-06		-		-		2-07		-			
	HARVEST DATE (2007)	29-10		4-10		27-09		-		-		8-10		-			
	IRRIGATION Nos	-		2		-		-		-		1		-			
	FERTILIZER APPLIED N	80		120		120		-		-		120		-			
	P	60		60		60		-		-		60		-			
	K	40		40		40		-		-		40		-			

TABLE NO. 17 (CONT.)

SI NO PEDIGREE	DAYS TO 50% POLLEN SHED					DAYS TO 50% SILKING					DELH DMRD	OV'L MEAN				
	ALMO	BAJA	KANG	MEGH	ZN 1 MEAN	DELH DMRD	OV'L MEAN	ALMO	BAJA	KANG			MEGH	ZN 1 MEAN	DELH DMRD	OV'L MEAN
1 F H - 3356	49.0	54.0	44.0	51.3	49.6	52.7	50.2	49.7	56.3	46.7	54.3	51.8	58.3	53.1		
2 F H - 3358	50.3	55.3	47.0	52.3	51.2	53.3	51.7	51.7	57.7	50.0	55.3	53.7	57.7	54.5		
3 V L - 113	46.3	52.7	43.0	52.3	48.6	51.0	49.1	47.3	55.3	45.7	55.7	51.0	56.0	52.0		
4 V L - 114	46.3	52.0	46.0	52.3	49.2	51.0	49.5	47.3	54.3	49.0	55.3	51.5	54.7	52.1		
5 COMP. R - 2005 - 5	55.0	59.7	47.0	51.7	53.3	57.7	54.2	56.7	62.0	50.0	55.3	56.0	61.7	57.1		
6 A H - 56191	51.3	54.7	45.7	50.0	50.4	52.3	50.8	52.3	57.0	48.7	53.3	52.8	58.7	54.0		
CHECKS:																
7 SURYA	47.7	53.7	48.3	51.7	50.3	51.0	50.5	49.0	55.7	51.0	55.0	52.7	55.0	53.1		
8 VIVEK HYBRID - 17	44.3	48.3	44.7	53.3	47.7	50.3	48.2	45.3	50.7	47.3	57.7	50.3	53.0	50.8		
9 VIVEK HYBRID - 9	46.3	49.0	45.3	54.7	48.8	52.0	49.5	47.3	51.0	48.7	59.0	51.5	57.7	52.7		
10 HIM - 129	46.7	47.3	47.3	52.7	48.5	50.3	48.9	45.7	49.3	50.3	55.7	50.3	52.3	50.7		
MEAN LOCATION																
C.D. AT 5%	0.9	1.5	4.8	1.3	2.1	2.8	-	1.0	1.3	5.3	2.2	2.4	4.2	-		
C.V. %	1.1	1.7	6.1	1.5	-	3.1	-	1.1	1.3	6.4	2.3	-	4.4	-		
F (Prob)	.000	.000	.440	.000	-	.001	-	.000	.000	.527	.002	-	.006	-		

SI NO PEDIGREE	DAYS TO 75% DRY HUSK					MOISTURE % AT HARVEST					DELH DMRD	OV'L MEAN		
	ALMO	BAJA	KANG	MEGH	ZN 1 MEAN	ALMO	BAJA	KANG	MEGH	ZN 1 MEAN			DELH DMRD	OV'L MEAN
1 F H - 3356	92.7	90.7	78.0	96.7	89.5	30.6	18.7	20.7	23.7	23.4	26.0	23.9		
2 F H - 3358	94.3	97.7	78.0	97.0	91.8	31.7	19.6	22.2	22.7	24.0	32.0	25.6		
3 V L - 113	86.7	86.3	76.7	96.0	86.4	25.2	19.9	20.9	24.3	22.6	26.1	23.3		
4 V L - 114	86.7	89.3	79.7	96.3	88.0	24.8	19.3	20.3	25.3	22.4	30.5	24.0		
5 COMP. R - 2005 - 5	103.7	98.3	78.3	96.0	94.1	34.6	19.5	21.3	24.7	25.0	36.9	27.4		
6 A H - 56191	93.3	88.7	78.0	95.7	88.9	29.3	19.5	22.2	22.3	23.3	31.1	24.9		
CHECKS:														
7 SURYA	85.0	87.3	79.3	94.7	86.6	20.7	18.8	21.5	23.0	21.0	31.3	23.1		
8 VIVEK HYBRID - 17	86.7	88.0	77.3	97.0	87.3	23.1	19.0	20.9	23.7	21.7	31.0	23.5		
9 VIVEK HYBRID - 9	91.0	86.3	77.7	99.0	88.5	26.4	19.2	22.4	24.3	23.1	31.8	24.8		
10 HIM - 129	85.3	87.0	79.3	94.7	86.6	24.6	18.6	20.3	23.7	21.8	25.6	22.6		
MEAN LOCATION														
C.D. AT 5%	1.2	3.1	3.9	1.7	2.5	1.8	1.1	2.2	2.6	1.9	2.8	-		
C.V. %	0.8	2.0	2.9	1.0	-	3.9	3.2	5.9	6.3	-	5.3	-		
F (Prob)	.000	.000	.830	.002	-	.000	.259	.350	.382	-	.000	-		

TABLE NO. 17 (CONT.)

SI NO PEDIGREE	PLANT HEIGHT (cm)				EAR HEIGHT (cm)				MEGH ZN 1 DELH OV'L					
	ALMO	BAJA	KANG	MEAN	ALMO	BAJA	KANG	MEAN	ALMO	BAJA	KANG	MEAN	DELH DMRD	OV'L MEAN
1 F H - 3356	227	158	190	168	107	77	87	89	107	77	87	86	61	83
2 F H - 3358	220	163	185	174	105	63	93	81	105	63	93	81	60	81
3 V L - 113	230	155	210	150	113	80	95	87	113	80	95	87	71	89
4 V L - 114	228	175	192	155	112	88	90	52	112	88	90	52	81	85
5 COMP. R - 2005 - 5	257	174	205	151	123	94	98	76	123	94	98	76	80	94
6 A H - 56191	223	187	212	144	113	88	100	71	113	88	100	71	83	91
CHECKS:														
7 SURYA	243	175	215	204	125	88	97	74	125	88	97	74	76	92
8 VIVEK HYBRID - 17	222	157	187	160	110	77	85	62	110	77	85	62	62	79
9 VIVEK HYBRID - 9	232	160	202	144	103	70	93	68	103	70	93	68	74	82
10 HIM - 129	223	171	192	170	107	78	92	83	107	78	92	83	75	87
MEAN LOCATION	231	168	199	162	112	80	93	74	112	80	93	74	72	86
C.D. AT 5%	9.5	17.3	47.9	18.8	7.1	11.9	20.7	14.8	7.1	11.9	20.7	14.8	17.4	-
C.V. %	2.4	6.0	14.0	6.8	3.7	8.6	12.9	15.5	3.7	8.6	12.9	15.5	14.0	-
F (Prob)	.000	.019	.870	.000	.000	.001	.867	.028	.000	.001	.867	.028	-	.078

SI NO PEDIGREE	GRAIN SHELLING %				STAND AT HARVEST				MEGH DELH OV'L					
	ALMO	BAJA	KANG	MEAN	ALMO	BAJA	KANG	MEAN	ALMO	BAJA	KANG	MEAN	DELH DMRD	OV'L MEAN
1 F H - 3356	87.1	83.9	82.5	84.5	61	66	52	47	61	66	52	47	70	59
2 F H - 3358	86.1	79.1	81.0	82.1	62	60	49	46	62	60	49	46	67	57
3 V L - 113	85.0	85.2	82.0	84.1	61	62	50	49	61	62	50	49	68	58
4 V L - 114	86.3	81.0	80.0	82.4	59	48	49	44	59	48	49	44	71	54
5 COMP. R - 2005 - 5	85.3	82.3	81.0	82.8	63	64	51	48	63	64	51	48	69	59
6 A H - 56191	86.7	82.0	79.0	82.5	60	65	49	46	60	65	49	46	68	58
CHECKS:														
7 SURYA	87.6	86.3	82.0	85.3	62	61	49	44	62	61	49	44	69	57
8 VIVEK HYBRID - 17	87.2	84.3	82.5	84.7	60	60	51	47	60	60	51	47	68	57
9 VIVEK HYBRID - 9	85.7	83.3	82.0	83.7	62	65	49	42	62	65	49	42	71	58
10 HIM - 129	83.8	79.1	82.0	81.6	59	46	49	46	59	46	49	46	67	53
MEAN LOCATION	86.0	82.7	81.4	83.4	61	60	50	46	61	60	50	46	69	57
C.D. AT 5%	1.2	2.5	2.9	2.2	3.3	6.3	3.8	6.5	3.3	6.3	3.8	6.5	5.6	-
C.V. %	0.8	1.8	2.1	-	3.1	6.1	4.5	8.3	3.1	6.1	4.5	8.3	4.8	-
F (Prob)	.000	.000	.250	-	.180	.000	.657	.773	.000	.000	.657	.773	-	-

TABLE NO. 18 (CONT.)

S1	GRAIN YIELD & SUPERIORITY OVER THE VIVEK HYBRID - 17					GRAIN YIELD & SUPERIORITY OVER THE VIVEK HYBRID-9				
	DELH	KARN	PANT	KANP	MEAN	DELH	KARN	PANT	KANP	MEAN
1 F H - 3358	59.09	84.74	0.21	-	14.77	23.24	-	-	-	-
2 V L - 113	3.66	-	-	-	-	-	-	-	-	-
3 COMP. R - 2005 - 5	28.40	34.87	25.61	-	2.61	-	12.22	-	-	-
4 J H - 31041	33.77	40.51	8.07	-	7.49	-	-	-	15.25	-
5 A H - 56191	35.91	22.05	8.45	-	3.08	-	-	-	-	-
CHECKS:										
6 SURYA	-	-	-	4.07	-	-	-	-	34.33	-
7 VIVEK HYBRID - 17	-	-	-	-	-	-	-	-	29.07	-
8 VIVEK HYBRID - 9	65.06	49.90	11.93	7.79	16.45	-	-	-	-	-
9 HIM - 129	-	-	11.23	-	-	-	-	-	7.08	-

S1	GRAIN YIELD & SUPERIORITY OVER THE HIM - 129					DAYS TO 50% POLLEN SHEED				
	DELH	KARN	PANT	KANP	MEAN	DELH	KARN	PANT	KANP	MEAN
1 F H - 3358	93.67	110.93	-	-	25.98	51.0	42.0	46.7	46.0	46.9
2 V L - 113	22.54	11.00	-	1.21	-	51.0	40.0	46.3	44.7	46.0
3 COMP. R - 2005 - 5	56.31	53.99	12.92	-	12.63	57.3	47.0	44.3	55.3	50.8
4 J H - 31041	62.84	60.42	-	7.64	17.99	52.3	43.0	48.7	49.0	47.5
5 A H - 56191	66.67	39.35	-	-	13.14	52.0	43.3	46.7	49.7	47.4
CHECKS:										
6 SURYA	-	-	-	1.38	25.45	50.7	42.3	44.7	44.7	46.2
7 VIVEK HYBRID - 17	21.74	14.17	-	4.07	20.55	52.0	39.0	43.0	48.0	45.8
8 VIVEK HYBRID - 9	100.93	71.15	0.63	12.17	27.82	50.7	40.3	44.0	47.3	45.3
9 HIM - 129	-	-	-	-	-	49.3	39.0	43.3	47.0	44.6
MEAN LOCATION										
C.D. AT 5%	-	-	-	-	-	4.1	1.1	2.5	2.8	1.3
C.V. %	-	-	-	-	-	4.6	1.5	3.2	3.3	1.7
F (Prob)	-	-	-	-	-	.045	.000	.003	.000	.000

TABLE NO. 18 (CONT.)

S1 No	PEDIGREE	DAYS TO 50% SILKING				DAYS TO 75% DRY HUSK				MOISTURE % AT HARVEST			
		DELH	LU DH	KARN	PANT	DELH	LU DH	KARN	PANT	DELH	LU DH	KARN	PANT
		DMRD	LU DH	KARN	PANT	DMRD	LU DH	KARN	PANT	DMRD	LU DH	KARN	PANT
		Z N 2				Z N 2				Z N 2			
		MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN
1	F H - 3358	54.3	43.0	50.0	57.0	50.0	50.9	71.3	88.0	71.3	77.5	33.1	17.2
2	V L - 113	53.3	41.0	47.3	54.3	48.0	48.8	69.3	77.0	85.3	72.7	25.8	27.5
3	COMP. R - 2005 - 5	60.7	48.3	46.7	63.0	54.0	54.5	77.0	81.0	90.7	73.7	21.0	29.3
4	J H - 31041	56.7	44.0	51.0	59.3	48.3	51.9	74.0	80.3	89.7	74.7	33.3	35.2
5	A H - 56191	57.7	44.3	50.3	56.3	49.3	51.6	74.3	79.3	87.0	74.7	33.7	34.4
	CHECKS:												
6	SURYA	53.3	43.3	47.0	58.0	48.0	49.9	70.3	77.0	89.0	74.7	29.0	24.0
7	VIVEK HYBRID - 17	50.7	40.0	45.0	55.3	50.3	48.3	73.3	76.3	87.0	75.0	30.0	22.9
8	VIVEK HYBRID - 9	54.7	41.3	46.0	55.7	46.7	48.9	71.0	78.0	88.0	74.3	27.6	25.9
9	HIM - 129	51.3	39.3	45.7	54.0	48.3	47.7	69.3	75.7	85.3	71.0	29.0	20.7
	MEAN LOCATION	54.7	42.7	47.7	57.0	49.2	50.3	72.2	78.2	87.8	73.6	29.6	25.2
	C.D. AT 5%	2.1	1.1	3.5	4.5	1.6	2.6	2.7	1.7	4.6	1.1	3.8	0.5
	C.V. %	2.2	1.6	4.3	4.6	1.9	-	2.2	1.2	3.1	0.9	7.4	1.5
	F (Prob)	.000	.000	.015	.016	.000	-	.000	.000	.273	.000	.004	.000

S1 No	PEDIGREE	PLANT HEIGHT (cm)				EAR HEIGHT (cm)			
		DELH	LU DH	KARN	PANT	DELH	LU DH	KARN	PANT
		DMRD	LU DH	KARN	PANT	DMRD	LU DH	KARN	PANT
		Z N 2				Z N 2			
		MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN
1	F H - 3358	131	165	143	153	67	82	67	57
2	V L - 113	125	170	153	160	67	70	70	67
3	COMP. R - 2005 - 5	161	202	170	190	85	108	72	80
4	J H - 31041	154	178	153	173	82	68	75	80
5	A H - 56191	163	185	153	170	94	90	73	67
	CHECKS:								
6	SURYA	149	180	157	173	76	87	82	77
7	VIVEK HYBRID - 17	143	170	130	160	69	82	57	57
8	VIVEK HYBRID - 9	159	187	160	170	77	90	67	67
9	HIM - 129	139	192	165	108	72	90	67	63
	MEAN LOCATION	147	181	154	162	77	85	70	68
	C.D. AT 5%	16.1	8.1	18.9	48.3	13.3	6.7	18.0	14.7
	C.V. %	6.3	2.6	7.1	17.2	10.0	4.6	14.9	12.4
	F (Prob)	.001	.000	.016	.115	.006	.000	.293	.018

TABLE NO. 18 (CONT.)

SI NO PEDIGREE	GRAIN SHELLING %				STAND AT HARVEST				OV'L MEAN		
	LUDH	KARN	PANT	KANP	ZN 2 MEAN	DEIH DMPD	LUDH	KARN		PANT	KANP
1 F H - 3358	84.6	79.7	83.9	72.0	80.1	67	62	51	74	72	65
2 V L - 113	82.3	75.4	84.4	72.0	78.5	69	53	55	73	72	64
3 COMP. R - 2005 - 5	76.5	81.7	84.5	70.0	78.2	68	54	51	74	72	64
4 J H - 31041	79.7	83.3	83.1	74.0	80.0	71	47	50	73	75	63
5 A H - 56191	83.6	80.0	83.8	73.0	80.1	68	57	54	74	73	65
CHECKS:											
6 SURYA	87.8	86.1	84.3	76.0	83.5	77	60	55	74	76	68
7 VIVEK HYBRID - 17	82.1	76.9	84.1	75.5	79.6	70	52	51	78	76	65
8 VIVEK HYBRID - 9	82.0	81.4	84.7	73.0	80.3	74	58	48	75	73	66
9 HIM - 129	83.0	78.5	84.2	73.5	79.8	71	61	50	76	75	66
MEAN LOCATION	82.4	80.3	84.1	73.2	80.0	71	56	52	74	74	65
C.D. AT 5%	4.6	0.0	1.1	1.1	1.7	5.0	11.3	6.0	7.3	2.1	-
C.V. %	3.3	0.0	0.7	0.9	-	4.1	11.6	6.7	5.7	1.6	-
F (Prob)	.008	.000	.160	.000	-	.017	.193	.203	.891	.001	-

TABLE NO. 19

PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DMRD DELHI, BELIPAR GORAKHPUR, VARANASI, DHOLI, RANCHI, JASHIPUR, AMBIKAPUR IN AET 1st YEAR, TRIAL No. TR68Z3 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												OV'L									
		DELH		GORA		DMRD		BELI		VARA		DHOL		RANC		JASH		R AMBI		R MEAN		R MEAN	
1	D E H - 146	4123	3	1283	11	4950	7	2039	1	5151	7	3491	9	6141	7	3842	7	3882	6				
2	D E H - 147	2973	6	1905	5	4429	11	1509	10	5185	5	3630	7	5864	9	3754	8	3642	8				
3	F H - 3356	2069	10	1312	10	5398	3	1918	2	7974	1	3194	11	7028	3	4471	2	4128	5				
4	F H - 3358	3358	5	1657	6	6097	1	1844	4	7187	2	4046	3	8245	2	4846	1	4633	1				
5	V L - 114	2615	8	2384	1	4830	8	1700	8	5797	3	3866	5	5806	10	4064	6	3857	7				
6	COMP. R - 2005 - 5	3639	4	1418	9	5480	2	1675	9	5756	4	5121	1	6406	4	4309	4	4214	3				
7	A H - 56191	4673	1	2270	2	5358	4	1861	3	5184	6	3812	6	6317	6	4133	5	4210	4				
CHECKS:																							
8	SURYA	2002	11	1905	4	4439	10	963	11	4012	11	3876	4	6335	5	3588	11	3361	11				
9	VIVEK HYBRID - 17	2952	7	1437	8	5140	5	1796	6	4381	10	3595	8	5527	11	3646	10	3547	9				
10	VIVEK HYBRID - 9	4552	2	1920	3	4997	6	1764	7	5062	8	4058	2	8529	1	4389	3	4412	2				
11	HIM - 129	2076	9	1507	7	4575	9	1806	5	4960	9	3411	10	6064	8	3721	9	3486	10				
	MEAN YIELD=	3185		1727		5063		1716		5514		3827		6569		4069		3943					
	MEAN STAND	68		55		67		62		59		61		75		63		64					
	C.D. AT 5%	773		295		711		628		321		202		850		501		540					
	C.V. %	14.30		10.05		8.27		21.57		3.43		3.11		7.62		-		-					
	F (Prob)	.000		.000		.000		.398		.000		.000		.000		-		-					
	PLOT SIZE=	12.00		9.60		9.60		12.00		11.20		9.60		9.60		-		-					
AGRONOMY DATA:																							
	SOWING DATE (2007)	2-07		8-07		28-06		14-07		3-07		11-07		25-06		-		-					
	HARVEST DATE (2007)	8-10		17-10		30-09		-		13-10		22-10		-		-		-					
	IRRIGATION Nos	1		-		2		-		-		-		-		-		-					
	FERTILIZER APPLIED N	120		150		80		150		100		120		80		-		-					
	P	60		75		40		75		60		60		50		-		-					
	K	40		60		40		50		40		60		30		-		-					

TABLE NO. 19 (CONT.)

S1 NO	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE SURYA										
		DELH DMRD	GORA BELI	VARA	DHOL	RANC	JASH	AMBI	ZN 3 MEAN	OV'L MEAN		
1	D E H - 146	105.96	-	11.52	111.80	28.39	-	-	-	7.09	15.50	
2	D E H - 147	48.51	-	-	56.75	29.26	-	-	-	4.62	8.35	
3	F H - 3356	3.35	-	21.61	99.28	98.78	-	-	10.95	24.61	22.80	
4	F H - 3358	67.76	-	37.36	91.49	79.16	-	-	30.15	35.06	37.84	
5	V L - 114	30.65	25.17	8.82	76.56	44.51	-	-	-	13.26	14.74	
6	COMP. R - 2005 - 5	81.81	-	23.45	73.95	43.49	-	-	1.12	20.10	25.35	
7	A H - 56191	133.44	19.16	20.71	93.28	29.22	-	-	-	15.20	25.26	
CHECKS:												
8	SURYA	-	-	-	-	-	-	-	-	-	-	
9	VIVEK HYBRID - 17	47.49	-	15.80	86.51	9.22	-	-	-	1.62	5.52	
10	VIVEK HYBRID - 9	127.40	0.81	12.59	83.26	26.19	-	-	34.65	22.31	31.25	
11	HIM - 129	3.72	-	3.08	87.61	23.63	-	-	-	3.70	3.70	

S1 NO	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE VIVEK HYBRID - 17										
		DELH DMRD	GORA BELI	VARA	DHOL	RANC	JASH	AMBI	ZN 3 MEAN	OV'L MEAN		
1	D E H - 146	39.64	-	-	13.56	17.56	-	-	11.10	5.38	9.45	
2	D E H - 147	0.69	32.49	-	-	18.35	0.97	-	6.10	2.95	2.68	
3	F H - 3356	-	-	5.02	6.85	82.00	-	-	27.16	22.62	16.37	
4	F H - 3358	13.74	15.28	18.62	2.67	64.04	-	-	49.17	32.90	30.63	
5	V L - 114	-	65.84	-	-	32.31	7.53	-	5.04	11.45	8.73	
6	COMP. R - 2005 - 5	23.27	-	6.61	-	31.38	42.44	-	15.90	18.19	18.79	
7	A H - 56191	58.27	57.89	4.24	3.63	18.31	6.01	-	14.29	13.36	18.70	
CHECKS:												
8	SURYA	-	32.49	-	-	-	7.80	-	14.61	-	-	
9	VIVEK HYBRID - 17	-	-	-	-	-	-	-	-	-	-	
10	VIVEK HYBRID - 9	54.18	33.57	-	-	15.54	12.87	-	54.32	20.36	24.38	
11	HIM - 129	-	4.86	-	0.59	13.19	-	-	9.71	2.04	-	

TABLE NO. 19 (CONT.)

SL NO PEDIGREE	DAYS TO 50% POLLEN SHED					DAYS TO 50% SILKING					ZN 3 OV'L							
	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN			
1 D E H - 146	50.3	50.7	40.7	48.7	49.3	39.0	40.0	44.7	45.5	52.3	52.3	45.7	51.0	53.0	43.0	44.3	48.2	48.8
2 D E H - 147	51.3	50.7	42.0	49.3	47.3	42.7	43.7	45.9	46.7	55.0	52.7	49.3	52.3	51.3	45.7	47.3	49.8	50.5
3 F H - 3356	52.0	52.7	43.7	49.0	51.0	43.7	48.3	48.1	48.6	56.7	54.7	49.0	51.3	54.7	46.3	50.7	51.1	51.9
4 F H - 3358	54.3	51.7	44.0	49.0	50.3	43.0	47.0	47.5	48.5	57.7	53.7	49.0	52.7	54.0	46.3	49.7	50.9	51.9
5 V L - 114	50.7	50.7	42.7	48.0	45.0	41.3	43.7	45.2	46.0	53.3	52.0	49.0	50.7	49.0	44.7	46.7	48.7	49.3
6 COMP. R-2005 - 5	57.3	53.0	48.7	53.7	53.0	50.0	50.0	51.4	52.2	60.3	55.0	54.0	57.7	56.7	52.7	53.0	54.8	55.6
7 A H - 56191	51.3	51.7	43.3	53.3	51.3	43.7	46.3	48.3	48.7	56.3	53.7	49.3	57.3	54.7	47.3	49.3	51.9	52.6
CHECKS:																		
8 SURYA	50.7	50.3	42.0	49.0	45.3	41.0	40.3	44.7	45.5	54.7	52.3	47.3	51.3	49.3	45.0	47.0	48.7	49.6
9 VIVEK HYBRID-17	49.0	51.3	40.3	47.3	48.0	38.7	43.7	44.9	45.5	51.3	53.0	45.0	49.7	52.0	42.7	46.7	48.2	48.6
10 VIVEK HYBRID-9	51.0	51.3	42.0	49.7	46.7	41.7	43.3	45.8	46.5	54.3	53.0	49.0	52.7	51.0	45.3	45.0	49.3	50.0
11 HIM - 129	49.7	50.7	39.3	50.3	44.7	39.0	40.0	44.0	44.8	52.3	52.3	45.0	53.3	49.0	43.0	44.3	47.8	48.5
MEAN LOCATION	51.6	51.3	42.6	49.8	48.4	42.2	44.2	46.4	47.1	54.9	53.2	48.3	52.7	52.2	45.6	47.6	50.0	50.7
C.D. AT 5%	1.7	1.4	1.0	4.1	2.8	1.5	1.0	2.0	-	2.4	1.4	1.2	5.6	3.2	1.5	1.3	2.4	-
C.V. %	2.0	1.6	1.3	4.8	3.4	2.0	1.3	-	-	2.5	1.6	1.4	6.3	3.5	1.9	1.6	-	-
F (Prob)	.000	.012	.000	.073	.000	.000	.000	.000	.000	.000	.004	.000	.118	.000	.000	.000	.000	.000

SL NO PEDIGREE	DAYS TO 75% DRY HUSK					MOISTURE % AT HARVEST					ZN 3 OV'L							
	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELEH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN			
1 D E H - 146	71.3	76.7	76.7	92.7	92.7	77.0	82.0	79.4	23.9	20.1	24.8	22.2	19.8	16.8	12.9	19.4	20.1	
2 D E H - 147	74.0	78.3	77.0	92.7	92.7	78.0	83.0	80.5	27.9	20.0	24.3	20.8	19.7	17.0	14.1	19.3	20.5	
3 F H - 3356	76.7	83.7	80.0	92.3	92.3	77.0	84.7	82.4	26.9	24.0	25.0	24.3	19.3	16.9	14.0	20.6	21.5	
4 F H - 3358	74.7	79.7	78.0	94.7	94.7	79.0	86.3	82.1	30.5	20.1	24.3	19.4	19.6	16.8	14.4	19.1	20.7	
5 V L - 114	73.7	77.3	76.3	92.7	92.7	78.7	83.0	80.3	23.9	21.9	23.7	20.3	19.3	16.8	13.6	19.3	19.9	
6 COMP. R - 2005 - 5	74.7	88.7	81.7	96.7	96.7	87.0	91.7	86.7	34.4	22.7	28.0	26.8	19.8	16.9	13.8	21.3	23.2	
7 A H - 56191	77.3	81.3	82.7	94.0	94.0	83.0	87.3	84.3	31.0	22.5	26.5	27.1	20.1	17.6	13.8	21.3	22.7	
CHECKS:																		
8 SURYA	72.3	77.0	76.7	91.0	91.0	77.3	82.3	79.4	28.0	20.1	23.3	24.8	19.2	16.5	14.5	19.7	20.9	
9 VIVEK HYBRID - 17	73.0	78.3	76.0	93.3	93.3	80.0	83.3	80.7	28.9	22.1	23.9	24.3	19.6	17.0	13.3	20.0	21.3	
10 VIVEK HYBRID - 9	74.3	81.3	81.0	92.3	92.3	78.3	84.0	81.9	32.8	22.6	26.5	27.3	20.2	16.9	13.8	21.2	22.9	
11 HIM - 129	74.3	77.0	80.7	90.0	90.0	76.0	81.7	79.9	26.9	23.5	23.8	23.5	19.2	15.9	14.5	20.1	21.0	
MEAN LOCATION	74.2	79.9	78.8	92.9	92.9	79.2	84.5	81.6	28.6	21.8	24.9	23.7	19.6	16.8	13.9	20.1	21.3	
C.D. AT 5%	1.6	1.2	4.9	0.8	2.3	2.1	2.2	2.2	3.9	1.0	0.6	5.1	0.5	0.5	0.4	1.3	-	
C.V. %	1.3	0.9	3.7	0.5	1.7	1.4	-	-	8.1	2.8	1.4	12.7	1.4	1.6	1.6	-	-	
F (Prob)	.000	.000	.071	.000	.000	.000	.000	.000	.000	.000	.000	.037	.002	.000	.000	.000	.000	

TABLE NO. 19 (CONT.)

S1 NO PEDIGREE	PLANT HEIGHT (cm)				EAR HEIGHT (cm)				ZN 3 OV'L									
	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN					
1 D E H - 146	132	114	155	114	189	141	183	149	147	65	36	68	45	95	59	63	61	61
2 D E H - 147	146	124	163	115	210	153	201	161	159	80	51	75	53	107	63	76	71	72
3 F H - 3356	138	148	148	107	209	146	196	159	156	65	41	58	43	91	48	60	57	58
4 F H - 3358	136	130	143	100	172	134	187	144	143	72	42	50	38	95	53	61	56	59
5 V L - 114	136	116	160	105	203	149	215	158	155	73	43	63	40	93	60	76	62	64
6 COMP. R - 2005 - 5	148	123	180	127	269	174	239	185	180	78	39	88	47	141	76	89	80	80
7 A H - 56191	155	125	183	130	232	163	219	175	172	85	41	88	56	124	68	84	77	78
CHECKS:																		
8 SURYA	141	124	145	114	202	169	214	161	158	74	42	63	46	100	72	79	67	68
9 VIVEK HYBRID - 17	142	126	148	112	198	152	195	155	153	65	38	58	43	91	59	58	58	59
10 VIVEK HYBRID - 9	156	120	163	136	203	159	216	166	165	79	47	75	56	90	58	74	67	68
11 HIM - 129	149	110	143	104	187	152	207	150	150	87	36	70	44	93	61	78	64	67
MEAN LOCATION	144	124	157	115	207	154	206	160	158	75	41	68	46	102	62	73	65	67
C.D. AT 5%	23.5	27.4	8.0	21.5	17.9	5.6	18.0	16.4	-	15.0	8.2	5.1	12.2	15.1	5.0	10.6	9.4	-
C.V. %	9.6	13.0	3.0	11.0	5.1	2.1	5.1	-	-	11.8	11.6	4.4	15.5	8.7	4.8	8.5	-	-
F (Prob)	.470	.389	.000	.038	.000	.000	.000	.000	.000	.057	.045	.000	.069	.000	.000	.000	.000	-

S1 NO PEDIGREE	GRAIN SHELLING %				STAND AT HARVEST				OV'L					
	BELI VARA RANC	BELI VARA RANC	BELI VARA RANC	BELI VARA RANC	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	DELH GORA DMRD BELI VARA DHOL RANC JASH AMBI MEAN	
1 D E H - 146	72.3	77.3	83.3	77.6	85.0	79.1	69	55	70	62	52	60	81	64
2 D E H - 147	79.6	75.5	78.6	77.9	83.5	79.0	65	62	68	63	57	63	85	66
3 F H - 3356	75.1	75.0	88.9	79.8	84.5	80.7	67	41	66	68	61	62	75	63
4 F H - 3358	76.3	78.8	77.8	80.2	82.5	79.1	68	59	68	64	65	62	61	64
5 V L - 114	80.9	76.3	85.7	80.3	84.0	81.4	67	64	65	61	57	60	70	63
6 COMP. R - 2005 - 5	73.3	74.5	75.0	77.3	79.5	75.9	69	51	69	52	55	61	68	62
7 A H - 56191	82.6	75.3	77.8	77.6	81.5	78.9	72	61	63	56	56	60	76	64
CHECKS:														
8 SURYA	76.1	76.3	80.0	79.1	84.0	79.1	70	54	63	59	59	60	79	65
9 VIVEK HYBRID - 17	76.6	79.0	80.0	78.7	80.5	78.9	68	52	69	54	60	59	73	64
10 VIVEK HYBRID - 9	77.5	79.0	85.7	79.1	86.0	80.6	70	57	66	57	67	62	78	65
11 HIM - 129	75.6	74.5	78.6	79.9	81.0	77.9	69	49	67	52	62	62	74	62
MEAN LOCATION	76.9	76.1	81.0	78.8	82.9	79.2	68	55	67	62	59	61	75	64
C.D. AT 5%	2.8	1.8	0.0	1.2	3.1	1.8	2.7	5.8	3.3	16.0	9.9	4.0	11.4	-
C.V. %	2.1	1.4	0.0	0.9	2.2	-	2.3	6.2	2.9	15.3	9.8	3.9	9.0	-
F (Prob)	.000	.000	.000	.000	.005	-	.001	.000	.002	.576	.162	.570	.019	-

TABLE NO. 20

PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DMRD DELHI, HYDERABAD, KARIMNAGAR ARBHAVI, MANDYA, COIMBATORE, KOLHAPUR IN AET 1st YEAR, TRIAL No. TR68Z4 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												ZN 4		OV'L				
		DELH	DMRD	R	HYDE	R	KARI	R	ARBH	R	MAND	R	COIM	R	KOLH	R	MEAN	R	MEAN	R
1	D E H - 137	1747	11	4904	9	3456	12	5168	11	6191	10	5957	10	4773	5	5075	10	4600	10	
2	D E H - 147	2103	7	4824	10	3986	8	5177	10	6943	7	6495	8	6055	3	5580	7	5083	8	
3	F H - 3356	1026	13	5481	5	7452	1	8056	1	8085	3	9948	1	6478	2	7583	1	6647	2	
4	F H - 3358	2195	5	5767	4	5029	3	6614	4	9011	2	9699	2	5200	4	6887	3	6217	3	
5	V L - 114	2108	6	3843	13	3596	10	5431	8	6186	11	5933	11	4359	10	4892	12	4494	12	
6	COMP. R - 2005 - 5	1880	10	4640	11	4236	5	7295	2	7016	6	8987	3	4771	6	6158	5	5546	5	
7	J H - 31041	3652	1	6792	1	3998	6	5363	9	6613	8	8096	5	3387	12	5708	6	5414	6	
8	A H - 56191	2786	4	5980	2	4498	4	6460	5	7593	5	7917	6	4502	9	6159	4	5677	4	
9	A H - 5506	3301	3	5933	3	3986	7	6237	6	6227	9	5390	13	4742	7	5419	9	5117	7	
CHECKS:																				
10	SURYA	2089	8	5362	7	2572	13	4213	13	4011	13	5778	12	3570	11	4251	13	3942	13	
11	VIVEK HYBRID - 17	2050	9	5187	8	3562	11	5721	7	7704	4	7181	7	3251	13	5434	8	4951	9	
12	VIVEK HYBRID - 9	3521	2	5458	6	5801	2	6988	3	9219	1	8255	4	7542	1	7210	2	6683	1	
13	HIM - 129	1691	12	4316	12	3699	9	4835	12	5860	12	6451	9	4622	8	4964	11	4496	11	
MEAN YIELD=		2319		5268		4298		5966		6974		7391		4866		5794		5297		
MEAN STAND		68		66		50		67		64		57		61		61		62		
C.D. AT 5%		672		891		880		1485		746		1032		2187		1203		1127		
C.V. %		17.23		10.05		12.17		14.81		6.36		8.30		26.72		-		-		
F (Prob)		.000		.000		.000		.001		.000		.000		.011		-		-		
PLOT SIZE=		12.00		12.00		12.00		12.00		11.20		9.60		9.60		-		-		
AGRONOMY DATA:																				
SOWING DATE (2007)		2-07		25-06		13-07		20-07		15-07		28-07		6-07		-		-		
HARVEST DATE (2007)		8-10		17-10		5-11		2-11		24-11		19-11		23-11		-		-		
IRRIGATION Nos		1		1		6		5		7		8		-		-		-		
FERTILIZER APPLIED N		120		120		120		150		150		135		100		-		-		
P		60		60		60		75		75		63		50		-		-		
K		40		40		40		38		40		50		30		-		-		

TABLE NO. 20 (CONT.)

GRAIN YIELD & SUPERIORITY OVER THE SURYA												
Sl	No PEDIGREE	DELH	DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4	OV'L	MEAN
1	D E H - 137	-	-	-	34.35	22.67	54.35	3.10	33.71	19.38	16.67	
2	D E H - 147	0.65	-	-	54.94	22.89	73.09	12.41	69.62	31.26	28.94	
3	F H - 3356	-	2.22	189.70	91.21	101.57	72.18	81.47	78.39	68.60		
4	F H - 3358	5.07	7.56	95.48	56.99	124.67	67.88	45.67	62.01	57.70		
5	V L - 114	0.90	-	39.81	28.92	54.22	2.69	22.12	15.07	14.00		
6	COMP. R - 2005 - 5	-	-	64.67	73.16	74.91	55.54	33.65	44.85	40.70		
7	J H - 31041	74.79	26.67	55.41	27.29	64.88	40.13	-	34.28	37.35		
8	A H - 56191	33.35	11.54	74.85	53.33	89.31	37.04	26.11	44.87	44.00		
9	A H - 5506	58.03	10.65	54.95	48.04	55.25	-	32.84	27.48	29.79		
CHECKS:												
10	SURYA	-	-	-	-	-	-	-	-	-	-	-
11	VIVEK HYBRID - 17	-	-	38.46	35.79	92.07	24.28	-	-	27.84	25.59	
12	VIVEK HYBRID - 9	68.54	1.79	125.51	65.87	129.84	42.87	111.27	69.62	69.54		
13	HIM - 129	-	-	43.80	14.75	46.09	11.65	29.46	16.77	14.05		

GRAIN YIELD & SUPERIORITY OVER THE VIVEK HYBRID - 17												
Sl	No PEDIGREE	DELH	DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4	OV'L	MEAN
1	D E H - 137	-	-	-	-	-	-	-	46.80	-	-	
2	D E H - 147	2.55	-	11.90	-	-	-	-	86.24	2.68	2.67	
3	F H - 3356	-	5.67	109.22	40.81	4.94	38.54	99.25	39.55	34.25		
4	F H - 3358	7.05	11.20	41.18	15.61	16.97	35.08	59.94	26.73	25.57		
5	V L - 114	2.80	-	0.97	-	-	-	34.08	-	-		
6	COMP. R - 2005 - 5	-	-	18.93	27.52	-	25.15	46.75	13.31	12.03		
7	J H - 31041	78.09	30.95	12.24	-	-	12.75	4.17	5.04	9.36		
8	A H - 56191	35.87	15.31	26.28	12.92	-	10.26	38.46	13.33	14.66		
9	A H - 5506	61.01	14.39	11.91	9.02	-	-	45.85	-	3.35		
CHECKS:												
10	SURYA	1.89	3.38	-	-	-	-	-	9.80	-	-	-
11	VIVEK HYBRID - 17	-	-	-	-	-	-	-	-	-	-	-
12	VIVEK HYBRID - 9	71.72	5.23	62.87	22.15	19.66	14.96	131.97	32.58	34.99		
13	HIM - 129	-	-	3.86	-	-	-	42.15	-	-		

TABLE NO. 20 (CONT.)

Sl No	PEDIGREE	DAYS TO 50% POLLEN SHED										DAYS TO 50% SILKING																
		DELH					ZN 4 OV'L					DELH					ZN 4 OV'L											
		DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN	DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN	DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN			
1	D E H - 137	50.7	51.3	41.3	47.0	46.3	46.0	49.3	46.9	47.4	55.3	53.3	42.7	48.0	48.3	51.3	50.3	49.0	49.9	55.3	53.3	42.7	48.0	48.3	51.3	50.3	49.0	49.9
2	D E H - 147	51.0	49.7	43.3	48.7	48.0	48.3	49.7	47.9	48.4	56.0	52.3	45.3	50.7	49.7	52.7	51.0	50.3	51.1	56.0	52.3	45.3	50.7	49.7	52.7	51.0	50.3	51.1
3	F H - 3356	53.0	52.3	43.7	50.0	49.0	51.7	54.3	50.2	50.6	59.7	54.7	45.7	51.0	52.0	54.0	55.3	52.1	53.2	59.7	54.7	45.7	51.0	52.0	54.0	55.3	52.1	53.2
4	F H - 3358	53.0	50.7	43.7	50.0	47.3	47.7	53.0	48.7	49.3	59.0	52.7	45.7	51.3	49.3	54.0	54.3	50.9	52.0	59.0	52.7	45.7	51.3	49.3	54.0	54.3	50.9	52.0
5	V L - 114	51.0	50.3	41.7	48.3	46.0	46.7	48.3	46.9	47.5	56.0	53.3	43.3	49.0	47.3	52.0	49.3	49.1	50.0	56.0	53.3	43.3	49.0	47.3	52.0	49.3	49.1	50.0
6	COMP. R - 2005 - 5	59.7	52.7	48.0	54.7	52.3	53.3	57.0	53.0	54.0	62.7	54.7	50.0	57.0	54.3	57.0	58.0	55.2	56.2	62.7	54.7	50.0	57.0	54.3	57.0	58.0	55.2	56.2
7	J H - 31041	53.3	52.0	44.3	54.0	49.7	51.3	56.0	51.2	51.5	58.3	54.7	46.3	55.7	51.0	54.0	57.0	53.1	53.9	58.3	54.7	46.3	55.7	51.0	54.0	57.0	53.1	53.9
8	A H - 56191	53.0	52.3	44.3	50.7	48.3	49.7	54.0	49.9	50.3	59.3	55.7	46.0	52.7	49.7	53.0	55.0	52.0	53.0	59.3	55.7	46.0	52.7	49.7	53.0	55.0	52.0	53.0
9	A H - 5506	53.0	51.3	43.3	51.7	50.0	50.0	53.7	50.0	50.4	59.0	54.7	45.7	54.0	51.0	53.3	54.7	52.2	53.2	59.0	54.7	45.7	54.0	51.0	53.3	54.7	52.2	53.2
CHECKS:																												
10	SURYA	50.7	51.0	43.0	48.7	46.3	48.7	48.3	47.7	48.1	54.7	54.3	45.0	51.0	49.0	53.3	49.7	50.4	51.0	54.7	54.3	45.0	51.0	49.0	53.3	49.7	50.4	51.0
11	VIVEK HYBRID-17	49.7	51.3	41.3	47.3	45.7	45.7	46.3	46.3	46.8	51.3	53.7	42.7	47.7	47.7	49.7	47.7	48.2	48.6	51.3	53.7	42.7	47.7	47.7	49.7	47.7	48.2	48.6
12	VIVEK HYBRID-9	51.0	51.7	42.7	47.7	46.3	48.3	46.7	47.2	47.8	57.0	54.0	44.7	48.7	48.0	52.0	47.7	49.2	50.3	57.0	54.0	44.7	48.7	48.0	52.0	47.7	49.2	50.3
13	HDM - 129	50.0	50.3	40.7	47.3	46.3	45.0	47.3	46.2	46.7	52.3	52.7	41.7	47.7	47.7	48.7	48.7	47.8	48.5	52.3	52.7	41.7	47.7	47.7	48.7	48.7	47.8	48.5
MEAN LOCATION																												
	C.D. AT 5%	1.8	2.2	1.6	2.7	0.9	2.2	3.9	2.3	-	2.8	2.2	1.6	2.1	1.5	2.1	3.9	2.2	-	2.8	2.2	1.6	2.1	1.5	2.1	3.9	2.2	-
	C.V. %	2.0	2.5	2.2	3.2	1.1	2.7	4.6	-	-	3.0	2.5	2.2	2.4	1.8	2.4	4.5	-	-	3.0	2.5	2.2	2.4	1.8	2.4	4.5	-	-
	F (Prob)	.000	.216	.000	.000	.000	.000	.000	.000	.000	.000	.137	.000	.000	.000	.000	.000	.000	.000	.000	.137	.000	.000	.000	.000	.000	.000	.000

Sl No	PEDIGREE	DAYS TO 75% DRY HUSK										MOISTURE % AT HARVEST																					
		DELH					ZN 4					DELH					ZN 4																
		DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN	DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN	DMRD	HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN								
1	D E H - 137	90.7	79.0	91.0	85.7	96.3	83.3	87.7	26.6	19.0	11.5	27.0	14.3	17.4	9.3	16.4	17.9	90.7	79.0	91.0	85.7	96.3	83.3	87.7	26.6	19.0	11.5	27.0	14.3	17.4	9.3	16.4	17.9
2	D E H - 147	89.3	79.0	92.3	85.7	97.7	84.0	88.0	29.0	19.5	11.4	26.8	13.4	16.5	9.5	16.2	18.0	89.3	79.0	92.3	85.7	97.7	84.0	88.0	29.0	19.5	11.4	26.8	13.4	16.5	9.5	16.2	18.0
3	F H - 3356	92.0	83.7	93.7	86.0	99.0	87.7	90.3	22.5	19.6	12.9	31.5	15.1	16.9	9.6	17.6	18.3	92.0	83.7	93.7	86.0	99.0	87.7	90.3	22.5	19.6	12.9	31.5	15.1	16.9	9.6	17.6	18.3
4	F H - 3358	91.7	82.0	94.0	86.7	97.0	87.7	89.8	30.2	19.3	11.5	30.2	14.7	18.6	9.3	17.3	19.1	91.7	82.0	94.0	86.7	97.0	87.7	89.8	30.2	19.3	11.5	30.2	14.7	18.6	9.3	17.3	19.1
5	V L - 114	91.7	79.0	92.3	85.0	97.0	82.7	87.9	25.5	16.4	9.9	26.5	15.3	16.9	9.4	15.7	17.1	91.7	79.0	92.3	85.0	97.0	82.7	87.9	25.5	16.4	9.9	26.5	15.3	16.9	9.4	15.7	17.1
6	COMP. R - 2005 - 5	93.3	85.3	98.0	86.0	102.0	90.3	92.5	38.7	20.7	12.7	27.8	14.8	18.8	9.5	17.4	20.4	93.3	85.3	98.0	86.0	102.0	90.3	92.5	38.7	20.7	12.7	27.8	14.8	18.8	9.5	17.4	20.4
7	J H - 31041	92.3	82.0	97.3	86.3	99.0	88.7	90.9	32.7	20.0	12.4	31.8	14.6	17.9	9.4	17.7	19.8	92.3	82.0	97.3	86.3	99.0	88.7	90.9	32.7	20.0	12.4	31.8	14.6	17.9	9.4	17.7	19.8
8	A H - 56191	92.7	83.0	94.3	86.0	98.0	88.0	90.3	28.8	18.6	9.8	31.9	13.2	15.5	9.5	16.4	18.2	92.7	83.0	94.3	86.0	98.0	88.0	90.3	28.8	18.6	9.8	31.9	13.2	15.5	9.5	16.4	18.2
9	A H - 5506	92.3	80.7	95.7	87.0	98.3	87.0	90.2	30.7	19.0	10.1	30.4	14.5	18.1	9.3	16.9	18.9	92.3	80.7	95.7	87.0	98.3	87.0	90.2	30.7	19.0	10.1	30.4	14.5	18.1	9.3	16.9	18.9
CHECKS:																																	
10	SURYA	90.7	79.3	92.3	85.0	98.3	82.7	88.1	24.9	18.3	12.4	27.0	13.8	15.6	9.1	16.1	17.3	90.7	79.3	92.3	85.0	98.3	82.7	88.1	24.9	18.3	12.4	27.0	13.8	15.6	9.1	16.1	17.3
11	VIVEK HYBRID - 17	91.7	79.7	91.3	85.7	94.7	81.0	87.3	27.4	17.6	9.9	29.0	14.0	15.4	9.4	15.9	17.6	91.7	79.7	91.3	85.7	94.7	81.0	87.3	27.4	17.6	9.9	29.0	14.0	15.4	9.4	15.9	17.6
12	VIVEK HYBRID - 9	92.7	82.3	91.7	85.7	97.0	81.3	88.4	31.9	18.6	8.0	30.0	15.1	17.7	9.3	16.4	18.7	92.7	82.3	91.7	85.7	97.0	81.3	88.4	31.9	18.6	8.0	30.0	15.1	17.7	9.3	16.4	18.7
13	HDM - 129	88.7	78.7	91.3	85.7	93.7	81.7	86.6	27.2	18.5	11.3	29.5	14.1	15.5	9.4	16.4	17.9	88.7	78.7	91.3	85.7	93.7	81.7	86.6	27.2	18.5	11.3	29.5	14.1	15.5	9.4	16.4	17.9
MEAN LOCATION																																	
	C.D. AT 5%	2.3	2.1	2.7	1.3	2.1	3.5	2.3	3.6	1.0	2.8	4.0	0.8	0.3	0.2	1.5	-	2.3	2.1	2.7	1.3	2.1	3.5	2.3	3.6	1.0	2.8	4.0	0.8	0.3	0.2	1.5	-
	C.V. %	1.5	1.5	1.7	0.9	1.3	2.4	-	7.3	3.1	15.2	8.2	9.3	1.0	1.5	-	-	1.5	1.5	1.7	0.9	1.3	2.4	-	7.3	3.1	15.2	8.2	9.3	1.0	1.5	-	-
	F (Prob)	.010	.000	.000	.148	.000	.000	.000	.000	.000	.050	.056	.000	.000	.000	.043	-	.010	.000	.000	.148	.000	.000	.000	.000	.000	.050	.056	.000	.000	.043	-	-

TABLE NO. 20 (CONT.)

Sl NO PEDIGREE	PLANT HEIGHT (cm)				EAR HEIGHT (cm)				ZN 4 OV'L DEHL							
	DMRD	HIDE	KARI	ARBH	MAND	COIM	KOLH	MEAN	DMRD	HIDE	KARI	ARBH	MAND	COIM	KOLH	MEAN
1 D E H - 137	125	163	160	150	165	141	175	159	154	68	70	64	67	75	63	71
2 D E H - 147	142	160	140	150	162	156	177	157	155	80	72	51	73	73	77	71
3 F H - 3356	118	165	142	153	167	165	183	163	156	59	58	49	67	71	72	80
4 F H - 3358	117	147	118	137	155	138	153	141	138	61	50	50	55	59	62	59
5 V L - 114	138	162	135	152	166	168	163	158	155	75	58	50	65	74	72	80
6 COMP. R - 2005 - 5	157	205	153	161	183	170	175	174	172	86	78	65	90	91	95	87
7 J H - 31041	146	182	159	170	170	161	180	170	167	80	72	67	84	81	79	80
8 A H - 56191	144	180	137	176	182	179	172	171	167	83	62	62	91	91	92	78
9 A H - 5506	151	187	163	165	187	165	197	177	173	90	78	68	80	90	85	102
CHECKS:																
10 SURYA	142	185	127	158	169	172	185	166	163	81	70	56	69	84	87	75
11 VIVEK HYBRID - 17	129	172	149	143	162	149	162	156	152	66	67	50	63	70	67	82
12 VIVEK HYBRID - 9	145	193	149	163	177	174	188	174	170	70	82	53	74	80	75	92
13 HIM - 129	135	158	149	135	149	155	150	150	147	72	68	62	61	64	68	83
MEAN LOCATION																
C.D. AT 5%	16.3	18.1	16.7	16.1	17.4	11.3	28.4	18.0	-	9.2	17.6	10.7	12.9	13.4	7.8	25.5
C.V. %	7.0	6.2	6.9	6.2	6.1	4.2	9.7	-	-	7.3	15.4	11.0	10.7	10.3	6.0	17.9
F (Prob)	.000	.000	.000	.000	.005	.000	.075	-	-	.000	.044	.002	.000	.000	.000	.817

TABLE NO. 20 (CONT.)

Sl No	PEDIGREE	GRAIN SHELLING %										STAND AT HARVEST				OV'L MEAN
		HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	DMRD	DELH	HYDE	KARI	ARBH	MAND	COIM	
1	D E H - 137	74.9	83.9	84.9	81.1	87.2	80.7	82.1	67	68	51	67	64	59	54	61
2	D E H - 147	76.3	82.7	81.8	86.8	82.3	84.3	82.4	69	69	46	66	64	55	60	61
3	F H - 3356	74.3	85.0	84.1	86.3	82.1	78.7	81.7	68	70	43	66	70	60	61	62
4	F H - 3358	76.3	84.3	82.3	81.2	83.9	83.8	82.0	68	66	49	66	65	58	70	63
5	V L - 114	71.5	82.9	82.1	85.6	84.0	80.9	81.2	66	64	48	64	63	59	49	59
6	COMP. R - 2005 - 5	74.1	81.5	86.5	78.1	81.0	80.8	80.3	64	58	50	62	62	56	67	60
7	J H - 31041	77.8	82.0	83.3	78.5	84.0	81.2	81.1	73	66	71	68	64	54	62	65
8	A H - 56191	73.5	80.8	81.6	85.3	84.1	80.2	80.9	69	59	45	66	63	58	50	58
9	A H - 5506	78.3	85.3	83.4	74.5	70.0	87.3	79.8	70	70	55	70	66	58	59	64
CHECKS:																
10	SURYA	73.0	86.7	85.1	72.4	84.1	80.9	80.4	68	67	51	72	63	56	65	63
11	VIVEK HYBRID - 17	74.8	86.8	84.0	85.2	87.1	85.7	83.9	66	69	54	63	64	58	63	62
12	VIVEK HYBRID - 9	74.8	84.5	84.4	85.2	84.9	84.2	83.0	70	66	40	71	65	51	71	62
13	HIM - 129	72.7	83.6	81.9	85.1	77.7	83.8	80.8	69	67	48	73	62	59	65	63
MEAN LOCATION		74.8	83.8	83.5	82.0	82.5	82.5	81.5	68	66	50	67	64	57	61	62
C.D. AT 5%		3.0	2.6	2.0	7.1	0.4	5.2	3.4	3.7	8.0	9.1	8.2	7.5	8.4	15.5	-
C.V. %		2.4	1.8	1.4	5.2	0.3	3.7	-	3.2	7.2	10.8	7.2	6.9	8.7	15.0	-
F (Prob)		.004	.001	.000	.003	.000	.067	-	.014	.081	.000	.144	.816	.717	.128	-

TABLE NO. 21

PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DMRD DELHI, UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA IN AET 1st YEAR, TRIAL NO. TR68Z5 DURING KHARIF (2007).

Sl	No PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE														
		DELH		UDAI R		BANS R		GODH R		CHHI R		ZN 5		OV'L		
		DMRD	R	UDAI	R	BANS	R	GODH	R	CHHI	R	MEAN	R	MEAN	R	
1	A H - 5506	2944	2	5106	3	2109	9	3100	8	7483	6	4449	6	4148	5	
2	F H - 3358	1883	6	7428	1	2858	3	5331	2	11574	1	6798	1	5815	1	
3	V L - 113	1991	5	2803	8	2225	7	3439	7	6892	7	3840	8	3470	7	
4	COMP. R - 2005 - 5	2024	4	6836	2	2861	2	5787	1	8406	3	5973	2	5183	2	
5	A H - 56191	2771	3	4528	4	2201	8	4677	3	8257	4	4916	4	4487	4	
CHECKS:																
6	SURYA	1654	8	3151	6	2278	6	3699	5	6459	9	3897	7	3448	8	
7	VIVEK HYBRID-17	1669	7	3809	5	2373	5	3769	4	7906	5	4464	5	3905	6	
8	VIVEK HYBRID - 9	3219	1	2307	9	3018	1	3613	6	11003	2	4985	3	4632	3	
9	HIM - 129	1479	9	3144	7	2391	4	2444	9	6618	8	3649	9	3215	9	
	MEAN YIELD=	2182		4346		2479		3984		8289		4774		4256		
	MEAN STAND	67		59		57		75		71		65		66		
	C.D. AT 5%=	338		934		343		1047		1173		874		767		
	C.V. % =	9.00		12.47		8.04		15.26		8.21		-		-		
	F (Prob)	.000		.000		.002		.000		.000		-		-		
	PLOT SIZE=	12.00		9.60		9.60		9.60		11.20		-		-		
AGRONOMY DATA:																
	SOWING DATE(2007)	2-07		2-07		1-07		7-07		5-07		-		-		
	HARVEST DATE(2007)	8-10		24-10		22-10		26-10		9-10		-		-		
	IRRIGATION Nos	1		1		-		1		-		-		-		
	FERTILIZER APPLIED N	120		90		100		100		80		-		-		
	P	60		60		40		50		50		-		-		
	K	40		-		-		-		30		-		-		

TABLE NO. 21 (CONT.)

Sl No	PEDIGREE	DAYS TO 50% POLLEN SHED					DAYS TO 50% SILKING					ZN 5 MEAN	OV'L MEAN		
		DELH DMRD	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L MEAN	DELH DMRD	UDAI	BANS			GODH	CHHI
1	A H - 5506	58.0	47.3	48.7	52.0	52.7	50.2	51.7	60.3	50.3	51.7	54.7	54.7	52.8	54.3
2	F H - 3358	57.0	47.3	48.0	51.0	49.0	48.8	50.5	62.0	50.7	50.7	52.7	51.0	51.3	53.4
3	V L - 113	53.7	43.3	40.7	47.7	47.3	44.8	46.5	58.0	47.3	43.7	49.7	47.3	47.0	49.2
4	COMP. R - 2005 - 5	60.7	49.0	47.7	51.0	54.3	50.5	52.5	63.3	52.7	51.0	52.7	56.0	53.1	55.1
5	A H - 56191	53.3	47.7	46.7	49.7	51.0	48.8	49.7	59.7	50.3	50.0	51.3	52.0	50.9	52.7
CHECKS:															
6	SURYA	53.0	46.3	47.0	46.3	48.0	46.9	48.1	58.3	49.0	50.3	48.3	48.7	49.1	50.9
7	VIVEK HYBRID-17	51.7	42.3	41.0	46.7	48.3	44.6	46.0	56.0	45.3	44.7	48.3	48.3	46.7	48.5
8	VIVEK HYBRID - 9	53.0	44.3	40.0	47.0	48.0	44.8	46.5	58.3	47.0	43.0	48.3	48.3	46.7	49.0
9	HIM - 129	51.7	44.7	41.0	46.3	48.0	45.0	46.3	56.7	47.7	44.3	48.0	48.3	47.1	49.0
MEAN LOCATION															
	C.D. AT 5%	2.3	2.0	1.7	1.9	1.2	1.7	-	4.0	2.1	2.1	1.5	1.9	1.9	-
	C.V. %	2.4	2.5	2.2	2.2	1.4	-	-	4.0	2.5	2.6	1.7	2.2	-	-
	F (Prob)	.000	.000	.000	.000	.000	.000	.000	.024	.000	.000	.000	.000	.000	.000

Sl No	PEDIGREE	DAYS TO 75% DRY HUSK					MOISTURE % AT HARVEST					ZN 5 MEAN	OV'L MEAN		
		UDAI	BANS	GODH	CHHI	ZN 5 MEAN	DELH DMRD	UDAI	BANS	GODH	CHHI				
1	A H - 5506	82.3	81.0	81.3	89.3	83.5	34.2	22.8	16.0	20.0	17.0	19.0	22.0	22.0	
2	F H - 3358	84.0	80.7	81.0	89.0	83.7	33.0	24.1	15.3	19.0	15.7	18.5	21.4	21.4	
3	V L - 113	77.7	74.3	78.0	83.0	78.3	26.5	21.0	16.2	19.0	18.0	18.5	20.1	20.1	
4	COMP. R - 2005 - 5	84.7	79.0	89.0	90.3	85.8	38.2	22.0	15.5	27.2	19.0	20.9	24.4	24.4	
5	A H - 56191	82.7	79.3	81.3	89.0	83.1	37.3	21.4	15.7	26.0	16.3	19.8	23.3	23.3	
CHECKS:															
6	SURYA	79.0	78.7	72.7	84.0	78.6	24.0	19.9	16.0	19.2	16.4	17.9	19.1	19.1	
7	VIVEK HYBRID-17	75.7	76.3	70.3	87.0	77.3	26.3	20.6	16.0	15.5	16.6	17.2	19.0	19.0	
8	VIVEK HYBRID - 9	78.7	72.0	73.0	88.3	78.0	29.3	21.0	15.2	19.4	17.0	18.2	20.4	20.4	
9	HIM - 129	77.3	75.0	72.0	84.3	77.2	23.2	20.8	15.6	16.1	16.7	17.3	18.5	18.5	
MEAN LOCATION															
	C.D. AT 5%	2.4	2.0	2.2	1.2	1.9	3.4	0.9	0.3	2.5	1.6	1.3	-	-	
	C.V. %	1.7	1.5	1.6	0.8	-	6.6	2.5	0.9	7.2	5.5	-	-	-	
	F (Prob)	.000	.000	.000	.000	.000	.000	.000	.000	.000	.018	.000	.000	.000	

TABLE NO. 21 (CONT.)

S1	PLANT HEIGHT (cm)					EAR HEIGHT (cm)					ZN 5 MEAN	OV'L MEAN		
	DELH	UDAI	BANS	GODH	CHHI	DELH	UDAI	BANS	GODH	CHHI				
No PEDIGREE	DMRD	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L MEAN	DMRD	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L MEAN
1 A H - 5506	137	176	125	146	210	164	159	75	83	47	49	105	71	72
2 F H - 3358	105	140	107	98	153	124	121	53	56	42	43	65	51	52
3 V L - 113	118	156	96	130	177	140	135	68	54	40	50	80	56	58
4 COMP. R - 2005 - 5	142	201	149	130	195	169	163	71	93	54	55	98	75	74
5 A H - 56191	150	149	117	131	188	146	147	76	76	46	50	100	68	70
CHECKS:														
6 SURYA	123	130	145	127	192	148	143	71	65	41	46	93	61	63
7 VIVEK HYBRID-17	123	170	118	114	153	139	136	63	59	47	37	70	53	55
8 VIVEK HYBRID - 9	133	148	109	120	192	142	141	61	61	46	39	87	58	59
9 HIM - 129	120	133	95	110	165	126	125	64	57	32	43	92	56	58
MEAN LOCATION	128	156	118	123	181	144	141	67	67	44	46	88	61	62
C.D. AT 5%	19.3	22.6	6.7	7.9	32.9	17.5	-	11.3	17.1	3.4	7.1	15.8	10.9	-
C.V. %	8.7	8.4	3.3	3.7	10.5	-	-	9.7	14.7	4.5	9.0	10.4	-	-
F (Prob)	.004	.000	.000	.000	.022	-	-	.010	.001	.000	.001	.001	-	-

S1	GRAIN SHELLING %					STAND AT HARVEST					OV'L MEAN
	UDAI	BANS	GODH	CHHI	MEAN	DMRD	UDAI	BANS	GODH	CHHI	
No PEDIGREE	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	DMRD <td>UDAI</td> <td>BANS</td> <td>GODH</td> <td>CHHI</td> <td>OV'L MEAN</td>	UDAI	BANS	GODH	CHHI	OV'L MEAN
1 A H - 5506	86.4	70.7	72.5	75.0	76.1	66	64	55	68	65	63
2 F H - 3358	82.3	77.5	83.0	83.3	81.5	65	59	58	69	69	64
3 V L - 113	87.3	73.7	68.0	80.0	77.2	68	48	56	77	70	64
4 COMP. R - 2005 - 5	87.5	78.6	80.0	66.6	78.2	63	61	57	77	72	66
5 A H - 56191	74.3	70.7	79.0	75.7	74.9	67	60	56	73	69	65
CHECKS:											
6 SURYA	81.1	74.0	72.5	76.8	76.1	68	58	55	77	72	66
7 VIVEK HYBRID-17	86.4	79.9	71.5	77.5	78.8	65	52	59	80	75	66
8 VIVEK HYBRID - 9	82.3	80.2	70.0	78.1	77.6	69	62	58	76	76	68
9 HIM - 129	87.5	76.2	66.0	70.8	75.1	68	70	56	76	69	68
MEAN LOCATION	83.9	75.7	73.6	76.0	77.3	67	59	57	75	71	66
C.D. AT 5%	0.3	1.7	5.7	5.3	3.2	5.0	4.2	4.8	5.9	14.0	-
C.V. %	0.2	1.3	4.4	4.0	-	4.4	4.1	4.9	4.5	11.4	-
F (Prob)	.000	.000	.000	.000	-	.375	.000	.676	.007	.805	-

TABLE NO. 22

PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS AT DMRD DELHI, LUDHIANA, GURDASPUR, KARNAL, PANTNAGAR, KANPUR IN AET 2nd YEAR, TRIAL No. TR6922 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												ZN 2			
		DELHI		LUDH		GURD		KARN		PANT		KANP		MEAN	R		
		DMRD	R	DMRD	R	DMRD	R	DMRD	R	DMRD	R	DMRD	R	DMRD	R	DMRD	R
1	30 R 77	4838	2	10150	2	6163	2	8632	1	7267	1	6912	2	7327	2		
2	J H - 10704	4890	1	11706	1	7041	1	8248	2	5869	6	7473	1	7538	1		
CHECKS:																	
3	SEEDTEC - 2324	4097	4	9580	3	5719	4	7440	5	6605	3	6888	3	6721	3		
4	BIO - 9681	3896	5	5533	6	5400	5	6834	6	6435	4	6299	6	5733	6		
5	PRO - 311	3244	6	7376	5	5380	6	7582	3	6675	2	6648	5	6151	5		
6	PARBHAT	4341	3	8186	4	5993	3	7490	4	6154	5	6746	4	6485	4		
	MEAN YIELD=	4218		8755		5949		7704		6501		6827		6659			
	MEAN STAND	97		113		84		78		114		105		98			
	C.D. AT 5%	1406		1424		834		558		1060		271		925			
	C.V. %	18.56		10.90		9.39		4.03		10.93		2.66		-			
	F (Prob)	.000		.000		.001		.000		.341		.000		-			
	PLOT SIZE=	18.00		14.40		14.40		16.80		24.00		14.40		-			
AGRONOMY DATA:																	
	SOWING DATE (2007)	30-06		3-07		18-07		1-07		6-07		19-07		-			
	HARVEST DATE (2007)	11-10		17-10		18-10		3-10		7-11		30-10		-			
	IRRIGATION Nos	1		6		5		5		3		-		-			
	FERTILIZER APPLIED N	120		125		125		150		120		-		-			
	P	60		60		60		60		60		-		-			
	K	40		-		-		60		40		-		-			

Sl No	PEDIGREE	GRAIN YIELD % SUPERIORITY OVER THE SEEDTEC - 2324												ZN 2			
		DELHI		LUDH		GURD		KARN		PANT		KANP		MEAN	R		
		DMRD	R	DMRD	R	DMRD	R	DMRD	R	DMRD	R	DMRD	R	DMRD	R	DMRD	R
1	30 R 77	18.10		5.96		7.78		16.03		10.02		0.34		9.01			
2	J H - 10704	19.36		22.20		23.12		10.87		-		8.50		12.15			
CHECKS:																	
3	SEEDTEC - 2324	-		-		-		-		-		-		-			
4	BIO - 9681	-		-		-		-		-		-		-			
5	PRO - 311	-		-		-		1.91		1.05		-		-			
6	PARBHAT	5.98		-		4.80		0.68		-		-		-			

TABLE NO. 22 (CONT.)

SI No	PEDIGREE	DAYS TO 50% POLLEN SHED				DAYS TO 50% SILKING				ZN 2 MEAN		
		DELH DMRD	LU DH	GURD	KARN KANT	DELH DMRD	LU DH	GURD	KARN KANT			
1	30 R 77	58.3	54.8	49.8	51.3	61.0	56.0	54.8	54.0	55.3	57.3	56.4
2	J H - 10704	58.7	55.5	51.8	52.3	62.0	57.3	56.8	54.7	57.0	58.0	57.6
CHECKS:												
3	SEEDTEC - 2324	59.0	55.8	50.5	50.7	61.7	57.5	58.0	53.3	58.0	58.0	57.8
4	BIO - 9681	57.3	53.0	48.5	49.0	60.3	54.5	53.5	51.0	54.3	56.8	55.1
5	PRO - 311	58.0	55.3	52.0	51.8	60.7	56.8	57.0	55.3	55.5	55.3	56.8
6	PARBHAT	58.7	56.0	51.0	53.0	61.0	58.5	56.0	54.3	59.3	57.5	57.8
MEAN LOCATION												
	C.D. AT 5% =	2.1	1.0	3.2	2.0	2.3	1.1	0.8	2.0	1.7	1.1	1.5
	C.V. % =	2.0	1.3	4.2	2.1	2.1	1.3	0.9	2.0	2.0	1.3	-
	F (Prob)	574	.000	.235	.043	.619	.000	.000	.009	.000	.001	-

SI No	PEDIGREE	DAYS TO 75% DRY HUSK				MOISTURE % AT HARVEST				ZN 2 MEAN		
		LU DH	GURD	KARN KANT	PANT	DELH DMRD	LU DH	GURD	KARN KANT		PANT	
1	30 R 77	97.0	85.3	90.7	86.8	29.0	25.9	26.5	34.4	26.0	28.4	28.4
2	J H - 10704	92.3	84.0	84.7	88.0	31.3	27.8	26.6	32.0	30.0	29.5	29.5
CHECKS:												
3	SEEDTEC - 2324	97.3	84.5	87.0	89.0	28.8	28.8	27.0	31.9	24.6	28.2	28.2
4	BIO - 9681	90.5	85.0	84.0	85.5	24.3	25.9	26.6	27.2	26.9	26.2	26.2
5	PRO - 311	91.8	84.3	85.0	87.3	29.3	29.6	26.3	27.7	26.4	27.9	27.9
6	PARBHAT	92.5	83.8	89.3	91.3	31.0	27.0	27.2	29.2	24.4	27.8	27.8
MEAN LOCATION												
	C.D. AT 5% =	2.1	1.3	3.3	2.2	2.6	1.7	0.2	0.0	1.8	1.3	1.3
	C.V. % =	1.5	1.0	2.1	1.7	5.0	4.2	0.6	0.0	4.5	-	-
	F (Prob)	000	.194	.006	.001	.002	.002	.000	.000	.000	.000	-

TABLE NO. 22 (CONT.)

S1 NO PEDIGREE	PLANT HEIGHT (cm)					EAR HEIGHT (cm)					ZN 2			
	DMRD	LU DH	GURD	KARN	PANT	KANP	MEAN	DMRD	LU DH	GURD	KARN	PANT	KANP	MEAN
1 30 R 77	181	185	189	190	233	191	195	102	90	103	93	98	99	97
2 J H - 10704	180	205	220	190	269	186	208	104	96	115	103	118	102	106
CHECKS:														
3 SEEDTEC - 2324	175	184	196	177	235	179	191	102	103	106	93	115	92	102
4 BIO - 9681	157	179	213	170	245	177	190	91	85	104	83	93	84	90
5 PRO - 311	143	173	201	170	240	192	187	88	89	99	87	103	86	92
6 PARBHAT	182	198	189	193	258	210	205	103	95	103	97	115	101	102
MEAN LOCATION														
C.D. AT 5%	38.5	16.3	31.1	25.1	19.3	5.2	22.6	20.0	18.3	21.2	26.9	12.9	6.7	17.7
C.V. %	12.5	5.8	10.2	7.6	5.2	1.8	-	11.2	13.0	13.4	15.9	8.0	4.7	-
F (Prob)	.216	.007	.238	.199	.008	.000	-	.371	.416	.684	.639	.003	.000	-

S1 NO PEDIGREE	GRAIN SHELLING %					STAND AT HARVEST					ZN 2			
	LU DH	GURD	KARN	PANT	KANP	MEAN	DMRD	LU DH	GURD	KARN	PANT	KANP	MEAN	
1 30 R 77	86.1	85.4	86.4	83.6	75.0	83.3	99	115	88	77	114	106	100	
2 J H - 10704	83.6	82.4	86.7	83.3	78.0	82.8	88	110	89	78	116	108	98	
CHECKS:														
3 SEEDTEC - 2324	81.5	82.9	82.5	83.3	73.5	80.7	100	115	87	78	115	106	100	
4 BIO - 9681	82.5	82.6	78.6	82.5	71.5	79.5	99	117	67	72	110	103	95	
5 PRO - 311	79.8	81.8	81.3	83.2	72.5	79.7	97	118	91	81	110	104	100	
6 PARBHAT	84.2	82.5	83.3	83.8	74.0	81.5	97	105	81	80	119	105	98	
MEAN LOCATION														
C.D. AT 5%	0.0	2.0	0.0	1.7	0.8	0.9	1.8	6.4	11.9	5.4	10.2	2.3	6.3	
C.V. %	0.0	1.6	0.0	1.3	0.8	-	1.0	3.7	9.4	3.8	5.9	1.5	-	
F (Prob)	-	.023	-	.690	.000	-	.000	.003	.008	.032	.496	.007	-	

TABLE NO. 23 (CONT.)

SI NO	PEDIGREE	DAYS TO 50% POLLEN SHED					DAYS TO 50% SILKING					ZN 3					
		DELH DMRD	GORA BELI	VARA RANC	JASH RANC	AMBI RANC	ZN 3 MEAN	OV'L MEAN	DELH DMRD	GORA BELI	VARA RANC	JASH RANC	AMBI RANC	OV'L MEAN			
1	30 R 77	58.3	63.0	48.5	56.8	52.3	50.5	54.2	54.9	61.7	65.3	52.5	60.5	55.3	53.0	57.3	58.0
CHECKS:																	
2	SEEDTEC - 2324	62.3	59.5	48.5	58.5	54.8	52.8	54.8	56.1	66.0	61.8	53.3	62.5	57.3	55.8	58.1	59.4
3	BIO - 9681	58.3	56.8	46.5	55.0	50.5	49.5	51.7	52.8	61.3	59.0	49.8	59.0	53.5	52.5	54.8	55.8
4	PRO - 311	62.0	62.0	50.3	57.0	51.0	51.5	54.3	55.6	64.3	63.8	54.0	61.0	53.3	54.3	57.3	58.4
5	PARBHAT	60.7	60.3	49.8	57.8	56.5	50.5	55.0	55.9	64.0	62.8	57.5	62.0	59.3	53.5	59.0	59.8
MEAN LOCATION		60.3	60.3	48.7	57.0	53.0	51.0	54.0	55.0	63.5	62.5	53.4	61.0	55.7	53.8	57.3	58.3
C.D. AT 5% =		2.4	0.9	0.7	1.3	1.4	1.4	1.1	-	3.1	1.3	1.0	1.3	1.7	1.5	1.4	-
C.V. % =		2.1	1.0	0.9	1.5	1.7	1.8	-	-	2.6	1.4	1.2	1.4	2.0	1.9	-	-
F (Prob)		.011	.000	.000	.001	.000	.004	-	-	.037	.000	.000	.001	.000	.005	-	-

SI NO	PEDIGREE	DAYS TO 75% DRY HUSK					MOISTURE % AT HARVEST					ZN 3				
		GORA BELI	VARA RANC	JASH RANC	AMBI RANC	ZN 3 MEAN	DELH DMRD	GORA BELI	VARA RANC	JASH RANC	AMBI RANC	OV'L MEAN				
1	30 R 77	94.3	88.3	103.0	95.8	103.0	96.9	31.6	25.4	30.8	19.6	19.2	14.4	21.9	23.5	
CHECKS:																
2	SEEDTEC - 2324	92.3	96.8	103.8	95.3	102.8	96.2	31.2	24.1	28.9	20.6	19.2	15.3	21.6	23.2	
3	BIO - 9681	88.8	85.0	103.0	93.5	97.0	93.4	28.5	23.1	25.5	20.3	19.0	14.9	20.5	21.9	
4	PRO - 311	89.8	86.3	103.3	94.3	97.3	94.2	29.6	23.1	31.0	20.2	19.2	14.9	21.7	23.0	
5	PARBHAT	90.0	88.0	102.0	96.3	102.5	95.8	32.5	23.0	28.0	19.6	19.2	15.4	21.0	22.9	
MEAN LOCATION		91.1	86.8	103.0	95.0	100.5	95.3	30.7	23.8	28.8	20.1	19.2	15.0	21.3	22.9	
C.D. AT 5% =		1.1	1.5	0.7	1.7	1.0	1.2	6.0	0.7	0.4	0.5	0.2	0.2	0.4	-	
C.V. % =		0.8	1.1	0.4	1.2	0.7	-	10.4	1.8	0.8	1.6	0.7	0.9	-	-	
F (Prob)		.000	.002	.002	.026	.000	-	.585	.000	.000	.002	.421	.000	-	-	

TABLE NO. 23 (CONT.)

S1 NO PEDIGREE	PLANT HEIGHT (cm)				EAR HEIGHT (cm)				ZN 3		OV'L MEAN				
	DELH GORA	BELI VARA	RANC	JASH	AMBI	ZN 3 MEAN	OV'L MEAN	DELH GORA	DMRD BELI	VARA		RANC	JASH	AMBI	ZN 3 MEAN
1 30 R 77	184	121	183	202	169	249	185	184	98	56	95	106	80	98	89
CHECKS:															
2 SEEDTEC - 2324	172	130	158	204	175	240	181	180	98	56	85	112	86	106	91
3 BIO - 9681	180	143	195	202	191	261	198	195	96	49	75	101	77	99	83
4 PRO - 311	166	145	168	193	185	252	188	185	104	61	88	105	88	104	92
5 PARBHAT	197	146	188	230	195	268	205	204	107	53	85	126	93	110	96
MEAN LOCATION	180	137	178	206	183	254	192	190	101	55	86	110	85	103	90
C.D. AT 5%	22.3	3.5	2.8	13.0	7.6	35.5	12.5	-	11.1	7.0	5.3	10.3	12.8	14.2	9.9
C.V. %	6.6	1.7	1.0	4.1	2.7	9.1	-	-	5.8	8.3	4.0	6.1	9.8	8.9	-
F (Prob)	.090	.000	.000	.001	.000	.524	-	-	.204	.039	.000	.002	.119	.359	-

S1 NO PEDIGREE	GRAIN SHELLING %				STAND AT HARVEST				OV'L					
	GORA	BELI	VARA	RANC	JASH	AMBI	ZN 3 MEAN	DELH GORA	DMRD BELI	VARA	RANC	JASH	AMBI	OV'L MEAN
1 30 R 77	73.9	84.3	88.9	88.9	78.3	85.5	82.2	98	86	109	90	94	83	93
CHECKS:														
2 SEEDTEC - 2324	73.9	79.3	90.0	90.0	76.7	83.0	80.6	92	92	105	99	91	99	96
3 BIO - 9681	76.2	81.0	88.9	88.9	79.2	81.5	81.3	99	94	107	101	88	106	99
4 PRO - 311	71.3	75.8	87.5	87.5	77.9	83.5	79.2	96	75	108	100	89	114	97
5 PARBHAT	74.1	81.3	80.0	80.0	78.5	81.0	79.0	89	88	107	88	92	97	93
MEAN LOCATION	73.9	80.3	87.1	87.1	78.1	82.9	80.4	95	87	107	96	91	100	96
C.D. AT 5%	1.6	1.7	0.0	0.0	0.7	1.4	1.1	7.5	3.5	4.7	9.9	4.4	30.5	-
C.V. %	1.4	1.4	0.0	0.0	0.6	1.1	-	4.2	2.6	2.8	6.7	3.1	19.9	-
F (Prob)	.001	.000	-	-	.000	.000	-	.065	.000	.534	.041	.061	.310	-

TABLE NO. 24

PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS AT HYDERABAD, KARIMNAGAR, ARB1HAVI, ARB2HAVI, MANDYA, BAYER BANGLORE, COIMBATORE, KOLHAPUR IN AET 2nd YEAR, TRIAL No. TR69Z4 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												ZN 4					
		HYDE	KARI	ARB1	ARB2	MAND	BANG BAYE	COIM	KOLH	MEAN	R	R	R	R	R	R	R	R	R
1	30 R 77	8665	5	6795	2	7504	4	8612	3	11043	2	12353	3	12862	2	4992	3	9103	3
2	PRO - 365	10001	2	6971	1	9442	1	9085	1	12221	1	12858	2	12101	4	5674	1	9794	1
3	P H S - 54	11512	1	5754	6	8000	3	8768	2	10690	4	13287	1	12848	3	4241	5	9387	2
CHECKS:																			
4	SEEDTEC - 2324	8829	3	5838	5	8090	2	8455	4	10720	3	11324	4	13920	1	5338	2	9064	4
5	BIO - 9681	8465	7	5896	4	7398	5	7624	6	9390	6	11018	5	10795	6	4945	4	8191	6
6	PRO - 311	8797	4	6329	3	6607	6	7723	5	10011	5	10821	6	11742	5	3845	7	8234	5
7	PARBHAT	8582	6	5121	7	6177	7	6034	7	6243	7	7676	7	8904	7	4002	6	6593	7
MEAN YIELD=		9264		6100		7603		8043		10045		11334		11882		4720		8624	
MEAN STAND		112		94		91		89		98		99		77		113		97	
C.D. AT 5%=		162		930		1217		1199		1064		1281		1466		800		1140	
C.V. % =		8.50		10.34		9.08		8.45		7.18		7.66		8.36		11.49		-	
F (Prob)		000		.000		.001		.000		.000		.000		.000		.001		-	
PLOT SIZE=		18.00		18.00		18.00		18.00		16.80		15.30		14.00		18.00		-	
AGRONOMY DATA:																			
SOWING DATE(2007)		24-06		16-07		11-07		11-07		15-07		11-07		24-07		12-07		-	
HARVEST DATE(2007)		18-10		13-11		6-11		6-11		25-11		13-11		27-11		27-11		-	
IRRIGATION Nos		1		6		5		5		7		-		10		-		-	
FERTILIZER APPLIED		N	120	120		150		150		150		160		135		120		-	
P		60		60		75		75		75		60		63		60		-	
K		40		40		38		38		40		40		50		40		-	

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : POGB 27.0%

TABLE NO 24 (CONT.)

GRAIN YIELD & SUPERIORITY OVER THE SEEDTEC - 2324

No PEDIGREE	HYDE	KARI	ARB1	ARB2	MAND	BANG		COIM	KOLH	ZN 4 MEAN
						BAYE	BAYE			
1 R	-	16.39	-	1.86	3.01	9.09	-	-	-	0.43
2 PRO - 365	1.27	19.41	16.71	7.45	14.00	13.55	-	-	6.29	8.05
3 P H S - 54	3.38	-	-	3.70	-	17.33	-	-	-	3.56
CHECKS:										
4 SEEDTEC - 2324	-	-	-	-	-	-	-	-	-	-
5 BIO - 9681	-	1.00	-	-	-	-	-	-	-	-
6 PRO - 311	-	8.42	-	-	-	-	-	-	-	-
7 PARBHAT	-	-	-	-	-	-	-	-	-	-

GRAIN YIELD & SUPERIORITY OVER THE BIO - 9681

No PEDIGREE	HYDE	KARI	ARB1	ARB2	MAND	BANG		COIM	KOLH	ZN 4 MEAN
						BAYE	BAYE			
1 R	1.16	15.23	1.43	12.97	17.60	12.12	19.15	19.15	0.95	11.13
2 PRO - 365	1.15	18.22	27.63	19.17	30.14	16.70	12.10	12.10	14.74	19.57
3 P H S - 54	3.99	-	8.15	15.00	13.85	20.59	19.02	19.02	-	14.60
CHECKS:										
4 SEEDTEC - 2324	4.30	-	9.36	10.91	14.17	2.78	28.95	28.95	7.95	10.66
5 BIO - 9681	-	-	-	-	-	-	-	-	-	-
6 PRO - 311	1.92	7.34	-	1.30	6.61	-	8.78	8.78	-	0.52
7 PARBHAT	1.38	-	-	-	-	-	-	-	-	-

GRAIN YIELD & SUPERIORITY OVER THE PRO - 311

No PEDIGREE	HYDE	KARI	ARB1	ARB2	MAND	BANG		COIM	KOLH	ZN 4 MEAN
						BAYE	BAYE			
1 R	-	7.35	13.57	11.52	10.31	14.16	9.54	9.54	29.86	10.55
2 PRO - 365	1.69	10.13	42.91	17.64	22.07	18.83	3.05	3.05	47.60	18.94
3 P H S - 54	3.86	-	21.09	13.53	6.79	22.79	9.42	9.42	10.31	14.00
CHECKS:										
4 SEEDTEC - 2324	1.17	-	22.45	9.48	7.08	4.66	18.55	18.55	38.86	10.08
5 BIO - 9681	-	-	11.96	-	-	1.82	-	-	28.63	-
6 PRO - 311	-	-	-	-	-	-	-	-	-	-
7 PARBHAT	-	-	-	-	-	-	-	-	4.11	-

TABLE NO. 24 (CONT.)

S1 NO PEDIGREE	DAYS TO 75% DRY HUSK										MOISTURE % AT HARVEST									
	HYDE	KARI	ARB1	ARB2	MAND	BAYE	COIM	KOLH	MEAN	ZN 4	HYDE	KARI	ARB1	ARB2	MAND	BAYE	COIM	KOLH	MEAN	ZN 4
1 30 R 77	102.8	86.3	87.7	97.0	85.5	107.5	99.3	97.8	95.5	25.4	10.5	38.3	35.0	15.9	25.8	19.0	10.4	22.3		
2 PRO - 365	102.0	83.8	88.7	96.0	86.0	106.3	99.3	95.0	94.6	23.6	10.5	32.3	32.8	16.9	28.1	18.4	11.3	21.7		
3 P H S - 54	102.3	86.8	90.0	97.7	86.3	108.8	101.5	97.0	95.3	20.7	12.1	36.8	35.7	16.3	27.4	18.9	11.6	22.4		
CHECKS:																				
4 SEEDTEC - 2324	102.0	84.8	89.0	97.0	85.6	104.0	100.5	98.0	95.1	23.3	10.5	37.2	36.5	14.6	25.6	17.2	11.8	22.1		
5 BIO - 9681	101.3	84.3	85.7	97.0	85.3	104.0	98.5	97.3	94.1	21.7	7.8	32.0	34.2	14.3	24.0	18.6	9.6	20.3		
6 PRO - 311	101.5	83.1	88.7	96.0	85.5	104.0	100.3	97.5	94.6	21.8	8.0	34.7	34.0	15.9	24.3	19.2	9.8	20.9		
7 PARSHAT	101.3	84.5	89.7	97.7	86.0	104.5	102.0	98.5	95.5	21.2	7.8	33.3	33.9	15.6	24.7	20.4	9.6	20.8		
MEAN LOCATION																				
C D AT 5%	101.9	84.3	88.5	96.9	85.8	105.6	100.2	97.3	95.1	22.5	9.6	34.9	34.3	15.6	25.7	18.8	10.6	21.5		
C V %	1.9	1.3	2.0	0.9	1.4	2.3	1.5	1.4	1.6	2.1	1.4	1.7	3.0	0.6	2.0	0.3	0.9	1.5		
F (Prob)	.632	.00	.008	.005	.779	.001	.001	.002	-	.002	.000	.000	.140	.000	.003	.000	.000	.000	-	

S1 NO PEDIGREE	PLANT HEIGHT (cm)										EAR HEIGHT (cm)									
	HYDE	KARI	ARB1	ARB2	MAND	BAYE	COIM	KOLH	MEAN	ZN 4	HYDE	KARI	ARB1	ARB2	MAND	BAYE	COIM	KOLH	MEAN	ZN 4
1 30 R 77	200	168	161	168	207	290	194	188	197	88	78	85	97	103	128	100	99	96		
2 PRO - 365	223	151	185	185	211	310	197	209	209	100	68	99	99	104	146	108	111	104		
3 P H S - 54	225	186	193	192	228	314	201	210	219	106	80	103	102	115	132	107	108	106		
CHECKS:																				
4 SEEDTEC - 2324	213	146	175	173	201	298	192	199	199	98	69	97	95	102	140	110	105	102		
5 BIO - 9681	214	173	183	178	216	310	200	194	208	79	69	89	80	105	126	92	93	91		
6 PRO - 311	218	163	175	181	216	296	195	204	206	106	82	98	99	112	138	109	100	105		
7 PARSHAT	231	168	179	182	215	338	203	220	217	111	81	105	102	110	154	104	115	110		
MEAN LOCATION																				
C.D. AT 5%	30.2	8.2	15.3	7.0	24.3	12.9	3.3	26.4	16.0	20.2	5.5	4.5	7.4	19.3	12.4	3.1	20.6	11.1		
C.V. %	9.4	3.3	4.8	2.2	7.7	2.8	1.1	8.7	-	13.8	4.9	2.6	4.4	9.6	6.1	2.0	13.4	-		
F (Prob)	.460	.000	.020	.000	.415	.000	.000	.231	-	.038	.000	.000	.000	.464	.002	.000	.336	-		

TABLE NO. 5

PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS AT ALMORA, BAJAURA, KANGRA, BARAPANI MEGHALAYA, DMRD DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR, BELIPAR GORAKHPUR, VARANASI, DHOLI, RANCHI, JASHIPUR, AMBIKAPUR, HYDERABAD, KARIMNAGAR, ARBHAVI, MANDYA, COIMBATORE, UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA IN IET, TRIAL No. TR64 DURING KHARIF (2007).

Sl NO PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE																					
	MEGH			ZN 1			DELH			ZN 2												
	ALMO	BAJA	R KANG	R BARA	R MEAN	R DMRD	R LUDH	R KARN	R PANT	R KANP	R MEAN	R										
1 D E H - 149	9557	17	4934	10	5484	15	2065	6	5510	17	3363	10	3481	14	4054	16	5331	7	3959	10	4037	14
2 D E H - 151	9735	16	4113	18	6428	1	2096	4	5593	16	4055	5	3697	9	4131	14	5274	10	3873	13	4206	10
3 D E H - 153	10406	12	4120	17	6368	2	1865	14	5690	15	3233	11	4123	5	4125	15	4902	18	4017	7	4080	12
4 D E H - 163	9258	18	4472	14	4586	18	2023	8	5085	18	4017	7	3679	11	5964	1	5246	12	3734	15	4528	5
5 F H - 3414	11046	8	6762	1	5298	17	1952	10	6265	10	2272	15	3858	6	4963	10	4969	17	5078	1	4228	8
6 F H - 3425	12350	5	5861	4	6225	5	2034	7	6618	5	3068	13	3153	15	5624	3	5711	2	3419	17	4195	11
7 F H - 3433	12088	6	5395	9	5676	14	2231	1	6348	9	5118	1	5897	2	5193	8	5251	11	4622	3	5216	2
8 F H - 3440	12452	3	5560	6	6231	3	1927	12	6543	6	2081	17	3074	17	5733	2	5106	14	4102	6	4019	15
9 F Q H - 38	15001	1	6457	2	5849	10	1980	9	7322	2	4343	2	5736	3	5415	5	5597	3	3956	11	5009	3
10 F Q H - 40	11985	7	5959	3	5807	11	2228	2	6495	7	2051	18	3618	12	3750	17	5412	6	3486	16	3663	17
11 F Q H - 44	12451	4	5554	7	5754	13	2174	3	6483	8	3122	12	3718	7	5029	9	5283	9	3984	8	4227	9
12 A H 501	10726	11	4230	16	6185	6	1870	13	5753	13	3818	8	3691	10	5255	10	5190	13	3791	14	4349	7
13 A H 502	10891	10	4538	13	5802	12	1942	11	5793	12	4241	4	4752	4	4659	11	5735	1	5075	2	4892	4
14 A H 506	10356	13	5418	8	5913	9	2075	5	5941	11	3798	9	3114	16	3685	18	5000	15	3961	9	3912	16
15 A H 514	11000	9	4602	12	5459	16	1835	15	5724	14	4035	6	3706	8	4504	12	5497	5	4447	5	4438	6
CHECKS:																						
16 VIVEK HYBRID - 9	12723	2	5569	5	6170	7	-	-	8154	1	4255	3	6304	1	5514	4	5574	4	4504	4	5230	1
17 VIVEK HYBRID - 17	9940	14	4319	15	6230	4	-	-	6830	4	2472	14	3595	13	5322	6	4995	16	3937	12	4064	13
18 HIM - 129	9875	15	4854	11	6000	8	-	-	6910	3	2158	16	2845	18	4380	13	5318	8	2525	18	3445	18
MEAN YIELD=	1-213		5151		5859		1683		5977		3417		4002		4850		5299		4026		4319	
MEAN STAND	23		30		24		19		24		31		25		26		37		27		29	
C.D. AT 5%	538		833		1651		293		1079		628		1156		836		735		1400		951	
C.V. %	8.27		9.75		17.00		8.68		-		11.08		17.43		10.39		8.36		20.98		-	
F (Prob)	.000		.000		.828		.687		-		.000		.000		.003		.612		.910		-	
PLOT SIZE=	3.60		4.80		3.60		6.00		-		6.00		5.46		5.60		6.00		4.80		-	
AGRONOMY DATA:																						
SOWING DATE (2007)	28-06		25-06		21-06		-		-		2-07		19-07		1-07		27-06		19-07		-	
HARVEST DATE (2007)	25-10		4-10		24-09		-		-		9-10		24-10		20-09		27-10		28-10		-	
IRRIGATION Nos	-		2		-		-		1		1		-		4		3		-		-	
FERTILIZER APPLIED N	80		120		120		-		-		120		80		150		120		100		-	
P	60		60		60		-		-		60		40		60		60		50		-	
K	40		40		40		-		-		40		-		60		40		50		-	

TABLE NO. 5 (CONT.)

S1	No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE																			
			BELI	VARA	R	DHOL	R	RANC	R	JASH	R	AMBI	R	MEAN	R	HYDE	R	KARI	R			
			2127	11	4811	17	2406	8	5191	10	3642	12	6524	7	4117	12	5847	16	3999	10		
			1827	18	5286	10	2309	11	3456	18	4462	5	6065	13	3901	16	6123	15	3654	12		
			1937	14	4877	16	2514	5	4799	14	3553	14	6127	12	3968	14	6438	13	4045	9		
			2231	9	5668	8	2337	10	5083	12	4141	9	4687	17	4025	13	6365	14	4432	4		
			2250	7	6124	4	1848	17	6105	4	3319	16	6704	5	4392	6	7290	6	4339	6		
			2461	4	5246	11	2517	4	6348	3	3681	10	5527	15	4297	8	6447	12	4408	5		
			2311	6	6664	1	2271	12	4489	16	3655	11	7202	4	4432	5	8093	3	3413	15		
			1903	15	6069	6	1767	18	5393	6	3258	17	6469	8	4143	11	7093	8	4311	8		
			2073	12	6406	2	3208	1	7500	1	3473	15	7801	2	5077	1	9288	2	5257	1		
			3160	2	4795	18	2353	9	6899	2	4560	4	7541	3	4885	3	7389	5	4864	3		
			2241	8	5148	13	2815	2	4645	15	4178	8	6158	11	4197	9	7080	9	3121	17		
			1832	17	5834	7	2061	15	5295	8	4656	1	6459	9	4356	7	7698	4	3549	13		
			1953	13	5621	9	1862	16	4849	13	4638	2	6161	10	4181	10	7260	7	3033	18		
			2135	10	5238	12	2227	13	5223	9	4204	7	3817	18	3808	17	6999	10	4916	2		
			2352	5	6103	5	2421	7	5370	7	4578	3	6625	6	4575	4	6569	11	3502	14		
			CHECKS:																			
			16	VIVEK HYBRID - 9	3245	1	6224	3	2427	6	5664	5	4292	6	7954	1	4968	2	10240	1	4322	7
			17	VIVEK HYBRID - 17	1862	16	5067	14	2226	14	5122	11	3594	13	5844	14	3952	15	5412	17	3956	11
			18	HIM - 129	2561	3	4998	15	2538	3	4078	17	3233	18	5367	16	3796	18	4744	18	3271	16
				MEAN YIELD=	2248		5565		2339		5306		3951		6280		4282		7021		4022	
				MEAN STAND	26		34		34		31		29		34		31		35		23	
				C.D. AT 5%	379		1058		979		1721		404		2113		1109		1250		951	
				C.V. %	10.16		11.47		25.26		15.37		6.17		20.30		-		10.74		14.27	
				F (Prob)	.000		.004		.379		.002		.000		.006		-		.000		.000	
				PLOT SIZE=	4.80		4.80		6.00		5.60		4.80		4.80		-		6.00		6.00	
				AGRONOMY DATA:																		
				SOWING DATE (2007)	8-07		28-06		12-07		21-06		12-07		26-06		-		24-06		13-07	
				HARVEST DATE (2007)	16-10		30-09		-		9-10		23-10		-		-		17-10		5-11	
				IRRIGATION Nos	-		2		-		-		-		-		-		1		6	
				FERTILIZER APPLIED N	150		80		150		100		120		80		-		120		120	
				P	75		40		75		60		60		50		-		60		60	
				K	60		40		50		40		60		30		-		40		40	

TABLE NO. 5 (CONT.)

S1 No PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												ZN 5		OV'L					
	ARBH	R	MAND	R	COIM	R	MEAN	R	UDAI	R	BANS	R	GODH	R	CHHI	R	MEAN	R	MEAN	R
1 D E H - 149	4493	17	4918	14	6191	16	5090	17	3928	4	2163	18	3801	10	7855	14	4437	11	4589	15
2 D E H - 151	5112	15	4616	17	6336	15	5168	16	2520	9	3024	2	2615	18	7501	15	3915	16	4513	17
3 D E H - 153	5450	13	4532	18	6473	14	5387	15	1889	16	2702	8	3847	9	7140	16	3895	17	4562	16
4 D E H - 163	5211	14	4785	15	6914	11	5541	14	1698	17	2857	5	3033	15	9357	8	4236	12	4657	14
5 F H - 3414	5608	12	5852	4	6640	13	5946	11	5213	2	2263	17	5093	5	9265	9	5458	4	5171	5
6 F H - 3425	7609	2	5424	11	8156	4	6409	4	2271	11	2538	13	4097	7	6898	18	3951	14	5045	7
7 F H - 3433	7406	3	5791	5	9091	2	6759	3	5818	1	2745	7	6549	1	8254	12	5842	1	5634	3
8 F H - 3440	6258	7	5109	13	8281	3	6210	7	1690	18	2362	16	2824	17	9196	10	4018	13	4927	12
9 F Q H - 38	4473	18	5755	7	9732	1	6901	2	3967	3	2455	15	3341	14	9374	7	4784	8	5768	2
10 F Q H - 40	7202	4	6201	2	6010	17	6333	6	2012	15	2611	9	2896	16	8141	13	3915	15	5039	8
11 F Q H - 44	6106	8	5746	8	7999	6	6011	9	2093	12	2604	11	6169	3	10312	3	5294	6	5145	6
12 A H 501	5914	10	5664	9	7107	9	5987	10	2370	10	2519	14	3549	12	9808	5	4562	10	4961	10
13 A H 502	6085	9	4696	16	6825	12	5580	12	3052	8	2988	3	3745	11	8640	11	4606	9	4960	11
14 A H 506	7165	6	5761	6	7022	10	6373	5	3531	5	2547	12	5460	4	11151	2	5672	2	5030	9
15 A H 514	7194	5	5986	3	7283	8	6107	8	3386	6	2764	6	3923	8	11364	1	5359	5	5188	4
CHECKS:																				
16 VIVEK HYBRID - 9	7888	1	6424	1	8154	5	7405	1	3255	7	3029	1	6253	2	9515	6	5513	3	6065	1
17 VIVEK HYBRID - 17	5100	16	5514	10	7890	7	5574	13	2020	13	2941	4	4419	6	10091	4	4868	7	4864	13
18 HIM - 129	5838	11	5267	12	5298	18	4883	18	2014	14	2610	10	3430	13	6927	17	3745	18	4353	18
MEAN YIELD=	6117		5447		7300		5981		2929		2651		4169		8933		4671		4991	
MEAN STAND	31		33		26		30		34		27		29		34		31		29	
C.D. AT 5%	1337		894		1140		1114		624		519		712		2875		1182		1084	
C.V. %	13.18		9.90		9.42		-		12.85		11.80		10.30		19.42		-		-	
F (Prob)	.000		.001		.000		-		.000		.060		.000		.322		-		-	
PLOT SIZE=	6.00		5.60		4.80		-		4.80		4.80		4.80		5.60		-		-	
AGRONOMY DATA:																				
SOWING DATE (2007)	20-07		14-07		24-07		-		15-06		1-07		7-07		5-07		-		-	
HARVEST DATE (2007)	31-10		22-11		19-11		-		14-09		22-10		16-10		9-10		-		-	
IRRIGATION Nos	5		7		8		-		1		-		1		-		-		-	
FERTILIZER APPLIED N	150		150		135		-		90		100		100		80		-		-	
P	75		75		63		-		60		40		50		50		-		-	
K	38		40		50		-		-		-		-		30		-		-	

TABLE NO. 5 (CONT.)

SI NO	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE VIVEK HYBRID - 17										ZN 2 MEAN
		ALMO	BAJA	KANG	MEGH BARA	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANT	KANP	
1	D E H - 149	-	14.22	-	-	-	36.03	-	-	6.72	0.55	-
2	D E H - 151	-	-	3.18	-	64.02	2.83	-	-	5.58	-	3.48
3	D E H - 153	4.69	-	2.21	-	30.76	14.70	-	-	-	2.02	0.38
4	D E H - 163	-	3.54	-	-	62.48	2.33	12.06	-	5.01	-	11.41
5	F H - 3414	11.14	56.54	-	-	-	7.32	-	-	-	28.99	4.03
6	F H - 3425	24.25	35.70	-	-	24.08	-	5.67	14.32	-	-	3.21
7	F H - 3433	21.62	24.91	-	-	107.02	64.03	-	5.13	5.13	17.39	28.34
8	F H - 3440	25.28	28.73	0.02	-	-	-	7.71	2.21	2.21	4.19	-
9	F Q H - 38	50.92	49.50	-	-	75.67	59.55	1.74	12.05	12.05	0.47	23.25
10	F Q H - 40	20.58	37.96	-	-	-	0.63	-	8.34	8.34	-	-
11	F Q H - 44	25.27	28.58	-	-	-	3.42	-	5.76	5.76	1.18	4.00
12	A H 501	7.91	-	-	-	26.26	2.68	-	3.89	3.89	-	7.00
13	A H 502	9.57	5.06	-	-	54.44	32.18	-	14.82	14.82	28.91	20.38
14	A H 506	4.19	25.45	-	-	71.54	-	-	0.09	0.09	0.62	-
15	A H 514	10.67	6.56	-	-	63.21	3.10	-	10.04	10.04	12.96	9.19
CHECKS:												
16	VIVEK HYBRID - 9	28.00	28.94	-	-	72.09	75.36	3.60	11.59	11.59	14.40	28.68
17	VIVEK HYBRID - 17	-	-	-	-	-	-	-	-	-	-	-
18	HIM - 129	-	12.38	-	-	-	-	-	-	6.47	-	-

TABLE NO. 5 (CONT.)

S1 No PEDIGREE	DAYS TO 50% POLLEN SHED															
	ALMO	BAJA	KANG	BARA	MEGH	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANT	KANP	ZN 2 MEAN	GORA BELI	VARA	DHOL	RANC
1 D E H - 149	47.3	52.7	43.7	50.7	50.7	48.6	51.0	44.0	43.3	47.0	44.3	45.9	50.7	43.3	51.3	47.0
2 D E H - 151	47.0	54.7	43.7	50.7	50.7	49.0	51.7	44.7	44.0	47.7	43.3	46.3	52.7	42.7	52.0	45.5
3 D E H - 153	47.0	54.7	43.0	51.7	51.7	49.1	51.0	44.7	43.7	47.3	44.0	46.1	50.7	43.3	51.3	46.5
4 D E H - 163	45.7	53.7	43.3	50.0	50.0	48.2	51.0	43.0	44.3	47.0	42.0	45.5	50.7	41.7	51.3	47.0
5 F H - 3414	46.3	54.0	44.0	52.3	52.3	49.2	54.0	45.3	47.0	46.7	43.7	47.3	50.7	44.3	55.3	48.0
6 F H - 3425	46.0	53.0	43.3	52.3	52.3	48.7	51.7	44.7	44.7	47.0	46.0	46.8	52.3	44.0	53.3	46.5
7 F H - 3433	43.7	51.7	43.3	52.0	52.0	47.7	50.3	43.7	45.0	46.7	41.0	45.3	49.3	43.7	52.7	45.0
8 F H - 3440	43.7	52.3	45.0	51.0	51.0	48.0	54.7	44.0	43.7	46.3	43.0	46.3	50.3	43.3	52.7	46.0
9 F Q H - 38	45.3	51.7	42.3	52.0	52.0	47.8	51.0	43.7	42.3	46.7	45.3	45.8	50.7	43.3	52.7	47.5
10 F Q H - 40	46.0	53.3	45.0	52.3	52.3	49.2	51.7	45.0	46.7	46.3	45.0	46.9	51.3	43.3	54.0	45.0
11 F Q H - 44	44.7	54.3	43.7	52.0	52.0	48.7	53.0	46.3	46.0	47.3	42.7	47.1	51.3	44.7	55.0	48.0
12 A H 501	52.0	59.7	45.0	51.3	51.3	52.0	55.0	49.3	47.3	48.0	47.3	49.4	52.7	46.7	55.7	47.5
13 A H 502	50.7	56.3	44.7	51.0	51.0	50.7	53.0	46.3	48.0	47.3	43.3	47.6	52.3	45.3	56.3	50.5
14 A H 506	52.3	56.3	43.7	51.3	51.3	50.9	53.7	48.3	47.3	48.7	46.7	48.9	52.3	45.7	57.0	47.5
15 A H 514	52.7	57.7	44.3	52.0	52.0	51.7	55.0	48.0	49.7	46.7	39.0	47.7	51.7	49.7	59.7	51.0
CHECKS:																
16 VIVEK HYBRID - 9	43.3	51.7	44.3	-	-	46.4	52.0	42.7	43.3	47.0	42.3	45.5	50.3	43.3	54.0	45.5
17 VIVEK HYBRID - 17	43.7	52.0	43.3	-	-	46.3	50.7	43.3	42.0	46.3	42.0	44.9	50.3	42.7	49.7	44.5
18 HIM - 129	43.3	50.7	43.0	-	-	45.7	50.7	42.0	46.3	47.3	41.7	45.6	50.0	42.3	54.0	46.0
MEAN LOCATION	46.7	53.9	43.8	51.5	51.5	49.0	52.3	44.9	45.3	47.1	43.5	46.6	51.1	44.1	53.8	46.9
C.D. AT 5% =	1.1	2.4	3.1	1.3	1.3	2.0	2.2	2.3	2.8	1.9	4.6	2.8	0.9	1.0	3.1	4.3
C.V. % =	1.4	2.7	4.3	1.5	1.5	-	2.6	3.1	3.7	2.4	6.4	-	1.1	1.4	3.5	4.3
F (Prob)	.000	.000	.938	.011	.011	-	.000	.000	.000	.582	.093	-	.000	.000	.000	.208

TABLE NO. 5 (CONT.)

S1 No PEDIGREE	DAYS TO 50% POLLEN SHED										ZN 5 MEAN	OV'L MEAN			
	JASH	AMBI	ZN 3 MEAN	HYDE	KARI	ARBH	MAND	COIM	ZN 4 MEAN	UDAI			BANS	GODH	CHHI
1 D E H - 149	43.3	47.0	47.1	46.7	43.0	48.7	46.7	45.0	46.0	46.3	51.0	48.7	48.0	48.5	47.1
2 D E H - 151	42.7	46.3	47.0	47.7	43.7	50.7	49.3	44.3	47.1	47.3	46.7	46.3	49.3	47.4	47.3
3 D E H - 153	45.3	47.3	47.4	47.7	43.3	51.3	49.3	45.3	47.4	46.7	51.0	44.3	50.7	48.2	47.5
4 D E H - 163	41.7	45.7	46.3	47.3	43.0	50.0	46.7	44.7	46.3	48.3	46.7	45.3	50.3	47.7	46.7
5 F H - 3414	46.0	46.3	48.4	46.0	45.0	50.3	47.3	45.0	46.7	47.7	49.0	51.3	50.0	49.5	48.2
6 F H - 3425	46.7	46.7	48.3	48.0	43.7	49.3	48.7	45.0	46.9	49.0	50.0	48.3	49.3	49.2	47.9
7 F H - 3433	41.7	46.7	46.5	46.3	43.0	47.7	46.7	44.3	45.6	45.7	45.7	48.3	48.3	47.0	46.3
8 F H - 3440	45.3	47.3	47.5	45.7	43.7	48.0	47.3	43.3	45.6	46.3	49.3	46.7	47.3	47.4	46.9
9 F Q H - 38	43.7	46.7	47.4	45.7	42.0	49.7	47.7	44.3	45.9	47.0	48.3	48.3	48.3	48.0	46.9
10 F Q H - 40	48.3	46.3	48.1	46.7	43.7	50.7	47.7	45.0	46.7	50.3	48.0	50.3	48.3	49.2	47.9
11 F Q H - 44	45.0	46.3	48.4	47.7	43.0	49.3	47.7	45.3	46.6	47.7	48.0	49.3	51.0	49.0	47.9
12 A H 501	46.3	47.3	49.4	48.0	45.7	51.7	49.3	46.3	48.2	48.3	54.3	48.7	51.7	50.8	49.8
13 A H 502	46.7	48.0	49.9	50.0	48.7	51.3	50.7	45.0	49.1	49.3	50.0	49.0	53.7	50.5	49.5
14 A H 506	45.3	47.7	49.3	50.0	46.0	52.3	50.0	48.0	49.3	50.7	51.0	48.3	52.7	50.7	49.7
15 A H 514	48.0	47.7	51.3	50.3	48.3	52.0	50.3	47.7	49.7	51.3	54.3	51.7	53.0	52.6	50.5
CHECKS:															
16 VIVEK HYBRID-9	42.0	44.7	46.6	47.7	43.7	48.0	46.3	44.7	46.1	44.7	46.7	48.7	50.3	47.6	46.4
17 VIVEK HYBRID-17	41.7	45.3	45.7	46.3	42.3	47.7	46.0	43.0	45.1	44.3	46.3	44.3	48.0	45.8	45.5
18 HIM - 129	40.3	45.7	46.4	46.7	42.3	47.0	44.0	42.0	44.4	44.7	49.0	45.7	48.3	46.9	45.8
MEAN LOCATION															
C.D. AT 5%	2.6	1.3	2.2	2.5	1.4	1.5	1.5	1.7	1.7	2.2	3.1	0.7	1.9	2.0	-
C.V. %	3.6	1.7	-	3.2	1.9	1.9	1.9	2.3	-	2.7	3.8	0.9	2.3	-	-
F (Prob)	.000	.000	-	.006	.000	.000	.000	.000	-	.000	.000	.000	.000	-	-

TABLE NO. 5 (CONT.)

Sl No	PEDIGREE	DAYS TO 50% SILKING															
		ALMO	BAJA	KANG	BARA	MEGH	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANT	KANP	MEAN	ZN 2 MEAN	BELI	VARA	DHOL
1	D E H - 149	47.3	54.7	46.3	53.7	50.5	56.7	44.7	45.3	49.7	52.7	49.8	52.0	47.3	53.0	50.5	
2	D E H - 151	48.0	57.0	46.3	53.7	51.3	56.0	45.3	46.0	52.0	52.3	50.3	54.3	46.7	54.0	49.5	
3	D E H - 153	48.0	57.0	45.0	55.0	51.3	56.0	45.0	45.7	53.0	52.7	50.5	52.0	48.7	53.3	50.0	
4	D E H - 163	46.7	56.3	45.7	53.0	50.4	54.7	44.0	47.0	53.3	48.7	49.5	52.7	45.7	53.0	51.5	
5	F H - 3414	47.3	56.3	47.0	55.3	51.5	58.7	44.3	49.3	52.3	50.7	51.1	52.7	47.7	58.7	52.0	
6	F H - 3425	47.0	55.0	46.0	55.7	50.9	56.3	45.0	47.0	54.0	56.0	51.7	54.3	48.3	55.3	50.0	
7	F H - 3433	44.3	53.7	46.0	55.0	49.8	54.3	43.7	47.3	48.7	48.3	48.5	50.7	50.3	54.7	49.0	
8	F H - 3440	44.7	54.7	47.3	54.3	50.3	58.3	44.7	46.0	53.7	50.3	50.6	52.0	47.3	54.3	50.0	
9	F Q H - 38	47.0	53.7	45.0	55.0	50.2	54.0	43.7	45.7	51.3	53.7	49.7	52.7	46.7	54.7	51.0	
10	F Q H - 40	47.0	55.3	47.3	56.0	51.4	58.0	44.7	49.3	53.0	54.3	51.9	53.3	47.3	56.7	48.5	
11	F Q H - 44	45.7	56.7	46.3	55.0	50.9	56.0	46.7	48.7	52.3	49.7	50.7	53.3	49.7	57.3	51.5	
12	A H 501	53.0	62.0	47.7	54.3	54.3	59.3	50.3	50.0	55.7	57.3	54.5	55.0	53.3	58.0	50.0	
13	A H 502	52.0	58.3	47.3	54.0	52.9	57.3	47.7	50.3	52.0	51.3	51.7	54.3	51.7	60.3	54.0	
14	A H 506	53.3	58.3	46.3	54.3	53.1	58.0	49.3	49.7	55.3	57.3	53.9	54.3	51.0	60.0	51.0	
15	A H 514	53.7	60.0	46.7	55.0	53.8	61.0	49.0	51.7	53.7	50.7	53.2	53.3	55.3	62.3	55.0	
CHECKS:																	
16	VIVEK HYBRID - 9	44.0	53.7	46.7	-	48.1	57.7	42.3	45.3	52.3	49.7	49.5	52.3	49.7	56.0	49.5	
17	VIVEK HYBRID - 17	44.7	54.3	45.7	-	48.2	52.7	43.7	44.3	51.0	50.3	48.4	52.0	47.3	51.7	48.5	
18	HIM - 129	44.7	52.7	45.0	-	47.4	52.7	42.7	45.0	52.3	48.3	48.2	51.7	47.7	56.3	50.0	
MEAN LOCATION		47.7	56.1	46.3	54.6	51.2	56.5	45.4	47.4	52.5	51.9	50.8	52.9	49.0	56.1	50.6	
C.D. AT 5% =		1.2	2.3	3.3	1.5	2.1	3.0	2.6	1.7	4.0	1.4	2.5	1.2	1.0	3.3	4.5	
C.V. % =		1.5	2.5	4.2	1.6	-	3.2	3.4	2.1	4.6	1.7	-	1.3	1.3	3.6	4.2	
F (Prob)		.000	.000	.908	.020	-	.000	.000	.000	.137	.000	-	.000	.000	.000	.296	

TABLE NO. 5 (CONT. I)

SI NO	PEDIGREE	DAYS TO 50% SILKING										ZN 5 MEAN	OV'L MEAN			
		JASH	AMBI	ZN 3 MEAN	HYDE	KARI	ARBH	MAND	COIM	ZN 4 MEAN	UDAI			BANS	GODH	CHHI
1	D E H - 149	46.7	49.7	49.9	50.0	45.0	50.7	48.3	47.7	48.3	48.3	51.7	49.0	50.8	49.8	
2	D E H - 151	46.0	49.0	49.9	50.3	45.7	51.7	51.3	47.7	49.3	49.0	51.3	50.3	50.3	50.2	
3	D E H - 153	49.0	50.0	50.5	51.3	46.0	52.3	51.3	48.3	49.9	48.7	49.0	51.0	50.8	50.5	
4	D E H - 163	44.7	48.7	49.4	50.0	45.7	51.3	48.7	48.3	48.8	47.3	50.3	51.3	49.9	49.5	
5	F H - 3414	49.0	49.3	51.6	49.0	46.7	51.0	49.0	47.7	48.7	50.7	56.3	50.7	52.8	51.1	
6	F H - 3425	49.0	49.7	51.1	50.7	45.7	49.3	50.3	48.0	48.8	51.3	53.3	49.7	52.2	50.9	
7	F H - 3433	45.0	49.3	49.8	49.0	45.0	48.0	48.0	47.0	47.4	50.3	52.3	48.7	50.1	49.1	
8	F H - 3440	48.3	50.3	50.4	49.3	45.7	49.0	49.3	47.3	48.1	48.7	50.7	48.0	50.3	49.9	
9	F Q H - 38	47.3	49.3	50.3	48.3	44.0	49.0	50.0	47.0	47.7	49.0	52.3	50.0	51.2	49.7	
10	F Q H - 40	51.3	49.0	51.0	49.3	45.7	51.0	49.3	48.0	48.7	52.3	54.0	49.0	51.8	50.9	
11	F Q H - 44	47.7	50.0	51.6	49.7	45.0	49.7	50.0	48.3	48.5	50.7	53.3	52.0	51.9	50.7	
12	A H 501	49.3	50.3	52.7	50.3	48.3	53.0	51.0	49.7	50.5	52.3	53.3	52.7	54.1	53.1	
13	A H 502	49.7	51.0	53.5	52.3	50.7	53.3	52.7	50.3	51.9	53.7	55.0	55.7	54.3	52.8	
14	A H 506	48.3	50.3	52.5	53.0	48.0	53.3	52.0	51.7	51.6	54.0	52.7	54.0	53.8	52.9	
15	A H 514	51.0	50.0	54.5	51.7	50.3	55.0	52.7	51.7	52.3	53.7	54.0	54.0	55.0	53.7	
CHECKS:																
16	VIVEK HYBRID-9	45.3	47.3	50.0	51.3	45.7	47.7	47.3	47.7	47.9	47.3	51.7	50.7	50.1	49.2	
17	VIVEK HYBRID-17	45.3	48.0	48.8	49.7	44.0	47.7	47.0	46.3	46.9	47.0	49.7	48.3	48.8	48.2	
18	HIM - 129	43.7	47.7	49.5	48.7	44.0	49.3	46.0	46.3	46.9	47.7	53.0	50.7	49.9	48.4	
MEAN LOCATION																
C.D. AT 5%		2.5	1.9	2.4	2.2	1.8	2.3	1.6	1.1	1.8	1.0	2.7	0.8	2.2	1.7	
C.V. %		3.2	2.3	-	2.7	2.4	2.8	2.0	1.4	-	1.2	3.0	0.9	2.6	-	
F (Prob)		.000	.019	-	.006	.000	.000	.000	.000	-	.000	.000	.000	.000	-	

TABLE NO. 5 (CONT.)

Sl No	PEDIGREE	DAYS TO 75% DRY HUSK										ZN 2		GORA	
		ALMO	BAJA	KANG	BARA	MEAN	LUDH	KARN	PANT	KANP	MEAN	BELI	VARA		DHOL
1	D E H - 149	87.7	88.0	78.7	96.0	87.6	76.3	77.3	82.7	70.7	76.8	74.0	82.7	76.0	88.0
2	D E H - 151	91.7	85.0	77.7	95.0	87.3	76.0	77.7	83.3	70.7	76.9	76.0	78.7	76.0	87.5
3	D E H - 153	87.0	84.0	77.7	98.0	86.7	77.3	77.7	84.3	70.3	77.4	74.7	81.7	77.3	88.0
4	D E H - 163	87.3	89.7	77.3	96.0	87.6	75.0	77.7	85.0	70.0	76.9	75.7	78.0	77.3	86.0
5	F H - 3414	89.7	92.0	77.0	97.0	88.9	77.7	77.7	83.7	70.0	77.3	75.7	82.3	80.0	89.5
6	F H - 3425	95.7	88.3	77.3	96.0	89.3	78.7	80.0	85.0	71.7	78.8	73.3	84.7	81.7	89.0
7	F H - 3433	93.3	88.3	77.3	96.0	88.8	83.0	79.7	82.3	69.0	78.5	73.0	83.7	82.0	87.0
8	F H - 3440	87.3	89.7	75.7	99.0	87.9	76.3	77.3	82.3	70.0	76.5	72.7	81.0	79.3	88.0
9	F Q H - 38	91.7	88.0	77.0	98.7	88.8	77.3	76.3	84.7	71.0	77.3	75.3	77.7	80.3	88.5
10	F Q H - 40	91.7	88.0	79.3	98.7	89.4	79.0	78.0	83.3	71.7	78.0	73.3	83.0	80.3	88.5
11	F Q H - 44	95.7	91.0	78.0	99.0	90.9	81.0	78.3	84.0	70.3	78.4	74.7	84.7	84.0	88.0
12	A H 501	95.3	94.3	76.7	98.0	91.1	82.7	80.0	83.3	72.0	79.5	76.3	87.7	83.3	87.0
13	A H 502	92.7	90.3	78.3	97.3	89.7	82.0	80.3	85.3	70.0	79.4	76.0	85.7	82.0	87.0
14	A H 506	96.0	91.7	76.7	97.0	90.3	83.0	80.0	85.0	72.0	80.0	74.7	84.7	83.3	87.0
15	A H 514	98.7	91.7	78.7	97.0	91.5	81.7	80.3	85.7	62.3	77.5	75.7	87.0	85.7	88.5
CHECKS:															
16	VIVEK HYBRID - 9	92.0	88.7	77.7	-	86.1	82.0	77.7	84.3	70.3	78.6	72.7	83.7	82.3	86.0
17	VIVEK HYBRID - 17	90.3	87.0	79.0	-	85.4	77.7	75.7	83.7	69.3	76.6	71.3	80.7	76.0	87.5
18	HIM - 129	85.7	88.0	78.3	-	84.0	72.3	74.0	87.7	69.3	75.8	73.0	79.0	80.7	87.5
MEAN LOCATION															
C.D. AT 5%		1.2	1.0	3.9	0.7	1.7	4.7	1.8	3.9	6.9	4.3	1.5	2.5	4.7	3.5
C.V. %		0.8	0.6	3.0	0.4	-	3.6	1.4	2.8	5.9	-	1.2	1.8	3.5	1.9
F (Prob)		.000	.000	.945	.000	-	.001	.000	.532	.695	-	.000	.000	.002	.819

TABLE NO. 5 (CONT.)

S1 No	PEDIGREE	DAYS TO 75% DRY HUSK										ZN 5 MEAN	OV'L MEAN			
		JASH	AMBI	ZN 3 MEAN	HYDE	KARI	ARBH	MAND	COIM	ZN 4 MEAN	UDAI			BANS	GODH	CHHI
1	D E H - 149	77.0	91.3	81.5	82.7	81.0	91.7	85.7	92.7	86.7	77.7	81.3	80.7	84.3	81.0	82.8
2	D E H - 151	75.0	90.0	80.5	82.3	81.0	93.7	85.7	93.0	87.1	76.0	81.0	81.0	86.3	81.1	82.6
3	D E H - 153	78.0	91.7	81.9	83.3	81.3	94.3	85.3	93.0	87.5	74.3	81.0	79.7	87.7	80.7	82.9
4	D E H - 163	73.7	91.0	80.3	84.0	81.7	93.0	86.3	93.3	87.7	73.3	79.3	81.3	87.7	80.4	82.6
5	F H - 3414	78.3	91.3	82.9	85.0	82.7	93.3	86.3	92.7	88.0	83.7	82.0	84.3	86.7	84.2	84.3
6	F H - 3425	83.7	89.3	83.6	82.0	81.0	92.3	87.3	93.0	87.1	75.0	84.0	83.3	88.7	82.8	84.4
7	F H - 3433	76.0	93.3	82.5	81.7	83.3	90.7	86.0	92.3	86.8	80.3	73.3	82.7	86.3	80.7	83.5
8	F H - 3440	73.7	93.0	81.3	82.3	82.3	91.0	86.0	92.3	86.8	70.7	81.0	82.3	87.3	80.3	82.6
9	F Q H - 38	77.0	93.0	82.0	84.0	82.3	92.0	87.0	92.0	87.5	74.0	79.7	83.3	87.7	81.2	83.4
10	F Q H - 40	84.0	89.0	83.0	82.7	82.7	93.7	87.0	93.0	87.8	74.0	80.0	84.7	86.0	81.2	84.0
11	F Q H - 44	79.0	90.3	83.4	82.3	82.7	92.3	87.3	93.0	87.5	76.3	83.3	84.7	90.0	83.6	84.8
12	A H 501	79.3	90.7	84.1	83.7	83.0	94.7	85.3	94.7	88.3	82.0	86.0	84.7	89.7	85.6	85.7
13	A H 502	81.0	92.3	84.0	84.3	83.3	94.3	87.0	95.3	88.9	83.0	80.7	83.3	89.3	84.1	85.3
14	A H 506	77.7	93.0	83.4	84.3	83.3	95.3	86.0	96.7	89.1	83.3	85.3	83.7	88.0	85.1	85.6
15	A H 514	80.0	92.7	84.9	84.3	83.7	95.0	87.0	96.7	89.3	83.0	86.7	84.7	88.7	85.7	85.9
CHECKS:																
16	VIVEK HYBRID - 9	78.7	89.3	82.1	84.3	83.0	90.3	87.3	92.7	87.5	75.3	81.0	81.0	89.0	81.6	83.2
17	VIVEK HYBRID- 17	76.7	91.3	80.6	82.7	81.7	90.7	86.0	91.7	86.5	74.7	81.0	80.3	88.3	81.1	82.0
18	HIM - 129	77.0	88.7	81.0	82.0	80.3	90.0	86.0	91.3	85.9	75.7	81.3	80.0	85.0	80.5	81.5
MEAN LOCATION																
C.D. AT 5%		2.8	1.5	2.7	2.4	2.5	1.7	1.1	1.4	1.8	1.2	1.7	0.9	2.3	1.5	-
C.V. %		2.1	1.0	-	1.7	1.8	1.1	0.8	0.9	-	1.0	1.3	0.6	1.6	-	-
F (Prob)		.000	.000	-	.125	.249	.000	.003	.000	-	.000	.000	.000	.000	-	-

TABLE NO. 5 (CONT.)

SI No	PEDIGREE	MOISTURE & AT HARVEST										ZN 2 MEAN	GORA BELI	VARA	DHOL	RANC
		ALMO	BAJA	KANG	BARA	MEGH MEAN	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANT					
1	D E H - 149	25.8	17.0	22.4	25.7	22.7	29.3	26.2	28.3	18.2	11.2	22.6	21.4	28.3	19.5	20.2
2	D E H - 151	25.5	18.0	25.1	23.0	22.9	25.0	27.3	28.7	15.7	11.1	21.5	23.0	26.0	20.6	20.0
3	D E H - 153	23.6	18.5	24.7	24.3	22.8	27.0	28.6	28.8	19.3	11.0	22.9	21.9	26.4	25.6	20.2
4	D E H - 163	24.1	18.6	22.3	25.3	22.6	25.8	26.0	25.2	15.8	11.2	20.8	23.2	23.5	24.0	20.2
5	F H - 3414	27.5	19.0	23.3	25.3	23.8	27.7	30.5	34.1	16.8	11.3	24.1	23.3	27.4	22.2	20.2
6	F H - 3425	26.0	18.6	24.3	23.7	23.2	28.0	26.0	28.1	14.8	11.0	21.6	22.1	29.8	26.7	20.3
7	F H - 3433	28.3	18.8	24.1	24.7	24.0	29.4	29.9	32.1	17.7	11.2	24.0	19.9	27.6	28.6	20.2
8	F H - 3440	24.8	18.0	24.8	26.0	23.4	24.8	24.2	29.0	16.7	11.1	21.1	19.1	27.7	25.2	20.1
9	F Q H - 38	28.2	18.5	23.2	25.0	23.7	25.8	28.8	29.2	15.7	11.1	22.1	23.0	25.2	25.6	21.0
10	F Q H - 40	26.3	19.0	22.9	24.3	23.1	28.8	28.7	26.9	15.7	10.9	22.2	19.6	25.9	22.7	20.1
11	F Q H - 44	28.4	19.1	23.2	25.3	24.0	26.6	27.7	29.9	18.8	11.1	22.8	23.3	27.6	26.4	20.1
12	A H 501	27.4	19.5	23.7	25.7	24.1	29.0	27.2	30.6	17.7	11.0	23.1	23.8	29.0	29.8	20.1
13	A H 502	27.8	17.3	23.7	23.3	23.0	32.0	30.1	35.0	18.5	11.3	25.4	23.5	29.0	28.5	20.3
14	A H 506	29.1	20.0	24.6	25.7	24.9	33.3	30.0	33.0	18.6	11.0	25.2	23.3	27.1	29.9	20.1
15	A H 514	30.7	19.7	23.2	28.0	25.4	31.9	31.4	30.4	16.8	7.4	23.6	22.6	28.8	30.7	21.0
CHECKS:																
16	VIVEK HYBRID - 9	26.0	18.6	23.3	-	22.6	31.8	27.5	30.9	14.7	11.3	23.2	18.7	29.6	26.4	20.1
17	VIVEK HYBRID- 17	24.5	18.7	24.3	-	22.5	27.0	28.9	27.2	17.1	11.0	22.2	19.0	26.1	22.5	20.4
18	HIM - 129	24.2	18.8	23.6	-	22.2	24.1	26.9	29.5	18.8	11.0	22.1	20.3	25.3	18.1	20.0
MEAN LOCATION																
C.D. AT 5% =		1.9	1.0	2.4	3.0	2.1	2.9	2.9	0.0	2.6	2.4	2.1	0.9	0.7	0.0	0.0
C.V. % =		4.3	3.2	6.0	7.1	-	6.1	6.2	0.0	9.1	13.3	-	2.5	1.6	0.0	0.0
F (Prob)		.000	.000	.490	.195	-	.000	.001	-	.008	.408	-	.000	.000	-	-

TABLE NO. 5 (CONT.)

S1 No PEDIGREE	PLANT HEIGHT (cm)										ZN 2 MEAN	GORA BELI	DHOL RANC	
	ALMO	BAJA	KANG	BARA	MEGH	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANT				KANP
1 D E H - 149	262	176	238	171	212	132	167	143	168	132	148	106	127	185
2 D E H - 151	253	164	228	187	208	147	183	147	155	130	152	99	124	180
3 D E H - 153	272	175	227	186	215	130	180	163	172	137	156	94	168	188
4 D E H - 163	242	176	233	172	206	128	160	153	153	145	148	114	153	187
5 F H - 3414	212	162	207	172	188	118	142	117	142	132	130	92	115	150
6 F H - 3425	258	168	217	192	209	125	157	147	162	134	145	105	153	179
7 F H - 3433	233	174	207	163	194	133	170	153	152	147	151	108	158	186
8 F H - 3440	218	164	233	172	197	116	143	133	145	145	136	97	150	161
9 F Q H - 38	268	180	227	180	214	127	190	167	155	142	156	113	163	188
10 F Q H - 40	248	170	220	182	205	143	173	160	175	130	156	123	178	186
11 F Q H - 44	262	188	235	185	217	130	170	143	170	135	150	117	170	151
12 A H 501	282	179	237	163	215	149	178	160	180	144	162	124	178	208
13 A H 502	260	179	232	186	214	155	192	163	187	131	165	115	170	203
14 A H 506	243	171	222	178	203	138	187	173	157	128	157	101	183	197
15 A H 514	275	168	215	190	212	145	203	157	173	105	157	115	153	217
CHECKS:														
16 VIVEK HYBRID - 9	255	174	218	-	216	138	188	157	155	134	154	116	158	195
17 VIVEK HYBRID - 17	235	160	222	-	205	133	157	150	160	142	148	107	150	158
18 HIM - 129	238	162	217	-	206	122	148	140	153	138	140	110	145	195
MEAN LOCATION	251	172	224	179	206	134	172	151	162	135	151	109	157	184
C.D. AT 5%	6.9	-9.8	29.5	29.7	21.5	15.4	29.2	20.8	20.6	24.8	22.1	11.9	6.7	46.3
C.V. %	1.7	6.9	7.9	9.9	-	6.9	10.2	8.3	7.7	11.1	-	6.6	2.6	11.9
F (Prob)	.000	.308	.585	.645	-	.000	.003	.001	.004	.299	-	.000	.000	.223

TABLE NO. 5 (CONT.)

S1	PLANT HEIGHT (cm)											ZN 5 MEAN	OV'L MEAN			
	No PEDIGREE	JASH	AMBI	ZN 3 MEAN	HYDE	KARI	ARBH	MAND	COIM	ZN 4 MEAN	UDAI			BANS	GODH	CHHI
1	D E H - 149	133	217	151	178	142	141	139	168	154	160	126	115	178	145	160
2	D E H - 151	145	208	151	200	153	152	159	178	168	147	150	153	175	156	165
3	D E H - 153	143	217	157	195	154	169	162	182	172	167	114	135	168	146	168
4	D E H - 163	138	199	152	173	156	152	160	166	161	148	132	107	173	140	160
5	F H - 3414	140	180	129	143	121	135	127	144	134	115	95	87	158	114	137
6	F H - 3425	140	224	154	182	167	163	159	171	168	148	131	122	185	146	163
7	F H - 3433	154	214	157	188	141	162	170	178	168	142	116	117	188	141	161
8	F H - 3440	132	188	141	182	133	139	142	162	151	165	117	118	182	145	152
9	F Q H - 38	153	225	163	193	144	157	173	178	169	172	141	132	183	157	170
10	F Q H - 40	154	226	166	205	160	161	169	191	177	173	107	113	185	145	169
11	F Q H - 44	151	230	158	202	145	171	184	196	179	170	147	130	192	160	171
12	A H 501	146	225	167	193	131	170	175	191	172	155	135	133	202	156	173
13	A H 502	146	235	168	202	181	182	183	193	188	153	137	157	187	158	178
14	A H 506	149	226	164	200	154	167	162	192	175	165	132	157	175	157	170
15	A H 514	152	218	163	197	156	181	166	179	176	167	139	157	193	164	173
CHECKS:																
16	VIVEK HYBRID - 9	146	204	158	198	158	162	175	164	171	178	137	117	192	156	167
17	VIVEK HYBRID - 17	134	195	145	190	138	138	136	147	150	167	126	103	160	139	153
18	HIM - 129	144	197	152	165	130	143	153	154	149	162	102	103	163	133	152
MEAN LOCATION																
C.D. AT 5%																
C.V. %																
F (Prob)																
		.000	.000	-	.000	.000	.000	.000	.000	.000	.000	9.7	5.7	29.0	15.0	-
		2.8	6.4	-	5.9	4.7	4.4	6.0	3.8	-	5.8	4.6	2.8	9.7	-	-
		.000	.000	-	.000	.000	.000	.000	.000	.000	.000	.000	.000	.183	-	-

TABLE NO. 5 (CONT.)

Sl No	PEDIGREE	EAR HEIGHT (cm)										ZN 2 MEAN	ZN 2 GORA BELI	VARA	DHOL	RANC	
		ALMO	BAJA	KANG	BARA	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANT	KANP						
1	D E H - 149	133	75	115	88	103	62	90	77	67	98	79	32	58	50	90	
2	D E H - 151	132	87	100	93	103	77	112	77	67	102	87	32	78	55	89	
3	D E H - 153	142	94	110	99	111	67	100	80	70	116	87	33	70	63	94	
4	D E H - 163	122	84	120	86	103	62	87	80	60	103	78	33	75	50	96	
5	F H - 3414	107	72	90	91	90	53	82	60	53	102	70	27	50	38	79	
6	F H - 3425	127	80	112	96	103	54	65	60	63	91	67	30	58	50	77	
7	F H - 3433	108	82	95	84	92	60	85	70	57	105	75	34	58	49	89	
8	F H - 3440	103	77	112	94	96	53	67	71	57	106	71	29	65	50	68	
9	F Q H - 38	117	85	107	94	101	59	85	70	60	110	77	31	68	53	79	
10	F Q H - 40	122	90	115	93	105	71	92	77	77	99	83	38	70	58	83	
11	F Q H - 44	138	94	108	102	111	60	83	73	63	95	75	33	80	43	104	
12	A H 501	148	93	112	86	110	73	102	87	73	102	87	42	88	55	113	
13	A H 502	148	93	120	87	112	77	93	87	73	109	88	43	80	48	99	
14	A H 506	127	96	112	85	105	78	110	103	63	100	91	36	88	58	93	
15	A H 514	143	92	107	96	109	73	130	83	73	138	100	42	93	56	118	
CHECKS:																	
16	VIVEK HYBRID - 9	117	80	100	-	99	59	98	70	63	96	77	38	68	58	92	
17	VIVEK HYBRID - 17	112	74	108	-	98	59	73	51	63	96	69	29	60	49	72	
18	HIM - 129	123	83	103	-	103	64	75	70	63	101	75	28	78	38	102	
MEAN LOCATION		126	85	108	92	103	65	90	75	65	104	80	34	71	51	91	
C.D. AT 5% =		6.3	17.8	21.9	21.3	16.8	11.1	29.1	21.1	12.9	32.1	21.3	7.3	9.1	12.9	20.4	
C.V. % =		3.0	12.6	12.2	13.9	-	10.3	19.4	17.0	12.0	18.7	-	13.1	7.7	15.1	10.7	
F (Prob)		.000	.136	.368	.887	-	.000	.007	.010	.032	.615	-	.001	.000	.021	.005	

TABLE NO. 5 (CONT.)

S1 No PEDIGREE	EAR HEIGHT (cm)										ZN 5 MEAN	OV'L MEAN			
	JASH	AMBI	ZN 3 MEAN	HYDE	KARI	ARSH	MAND	COIM	ZN 4 MEAN	UDAI			BANS	GODH	CHHI
1 D E H - 149	43	76	58	77	58	58	63	82	67	60	47	57	77	60	72
2 D E H - 151	51	76	63	78	68	65	72	86	74	75	60	52	83	68	78
3 D E H - 153	45	77	64	75	63	80	71	91	76	75	43	52	82	63	79
4 D E H - 163	50	68	62	72	64	70	71	84	72	53	41	38	77	52	73
5 F H - 3414	46	55	49	60	48	56	53	61	56	56	40	35	62	48	61
6 F H - 3425	45	62	54	63	73	73	68	77	71	65	52	40	72	57	69
7 F H - 3433	53	66	58	78	53	65	66	84	69	53	64	43	80	60	70
8 F H - 3440	39	60	52	75	48	55	53	71	60	63	43	38	80	56	66
9 F Q H - 38	52	62	57	75	66	64	68	72	69	68	52	40	73	58	71
10 F Q H - 40	53	75	63	82	57	70	72	90	74	78	42	40	77	59	76
11 F Q H - 44	53	83	66	83	63	74	84	89	79	75	66	53	83	69	79
12 A H 501	64	96	76	85	51	85	90	91	80	70	62	57	103	73	84
13 A H 502	54	92	69	85	74	87	84	92	84	53	47	57	85	61	82
14 A H 506	55	88	70	85	62	86	78	102	83	95	40	63	87	71	83
15 A H 514	59	93	77	92	63	107	83	97	88	95	54	52	100	75	89
CHECKS:															
16 VIVEK HYBRID - 9	53	64	62	78	60	81	84	89	78	62	57	47	83	62	74
17 VIVEK HYBRID - 17	47	64	54	70	45	57	53	76	60	57	45	35	75	53	64
18 HIM - 129	47	67	60	67	49	68	66	75	65	73	36	43	68	55	69
MEAN LOCATION	50	74	62	77	59	72	71	84	73	68	50	47	80	61	74
C.D. AT 5%	4.6	12.3	11.1	12.9	9.2	9.0	12.9	6.1	10.0	11.5	8.2	4.5	19.7	11.0	-
C.V. %	5.5	10.1	-	10.2	9.4	7.5	11.0	4.4	-	10.1	10.0	5.8	14.7	-	-
F (Prob)	.000	.000	-	.001	.000	.000	.000	.000	-	.000	.000	.000	.030	-	-

TABLE NO. 5 (CONT.)

SL No	PEDIGREE	GRAIN SHELLING %												ZN 3 MEAN		
		ALMO	BAJA	KANG	ZN 1 MEAN	LU DH	KARN	PANT	KAMP	ZN 2 MEAN	BELI	VAPA	RANC		JASH	AMEI
1	D E H - 149	87.4	88.2	83.0	86.2	84.1	82.7	78.7	56.0	75.3	73.3	76.8	85.7	78.5	86.0	80.1
2	D E H - 151	87.3	82.3	83.0	84.2	80.9	77.9	83.6	57.3	74.9	75.4	80.0	83.3	77.7	85.0	80.3
3	D E H - 153	87.4	79.6	81.0	82.7	80.9	82.5	78.7	57.3	74.9	76.6	75.3	83.3	78.0	84.0	79.4
4	D E H - 163	84.9	78.5	80.5	81.3	83.2	80.0	85.8	57.3	76.6	75.7	78.3	85.7	78.8	82.0	80.1
5	F H - 3414	84.4	83.0	79.5	82.3	80.2	80.0	78.5	59.3	74.5	76.6	79.5	87.5	79.2	80.0	80.6
6	F H - 3425	85.5	82.3	79.0	82.3	79.1	83.3	83.2	55.7	75.3	75.5	74.8	87.5	78.4	78.0	78.8
7	F H - 3433	85.3	81.7	80.0	82.3	84.0	75.0	79.9	58.0	74.2	78.9	74.5	85.7	78.9	81.5	79.9
8	F H - 3440	88.3	83.1	83.0	84.8	83.1	87.3	81.2	58.7	77.5	73.0	79.3	85.7	77.2	87.5	80.5
9	F Q H - 38	86.4	85.7	83.0	85.0	89.6	80.8	84.6	56.3	77.8	75.2	80.8	87.5	78.4	89.5	82.3
10	F Q H - 40	86.6	85.1	83.0	84.9	83.3	76.9	82.2	57.7	75.0	79.9	75.0	87.5	78.3	85.5	81.2
11	F Q H - 44	88.2	86.7	81.0	85.3	85.4	79.4	84.8	57.3	76.7	73.1	76.5	87.5	78.2	86.0	80.3
12	A H 501	85.3	78.3	78.5	80.7	79.2	80.0	85.0	55.7	75.0	77.3	75.8	83.3	79.4	82.0	79.6
13	A H 502	84.8	78.7	81.0	81.5	83.8	83.3	85.4	59.7	78.0	73.4	78.0	83.3	79.3	79.0	78.6
14	A H 506	87.2	82.7	81.0	83.6	84.9	62.7	82.5	59.0	72.3	75.9	76.3	85.7	78.9	78.5	79.1
15	A H 514	87.3	83.9	83.0	84.7	80.0	73.5	84.2	46.7	71.1	78.6	76.3	83.3	77.1	83.5	79.7
CHECKS:																
16	VIVEK HYBRID - 9	86.9	81.7	83.0	83.9	82.7	81.9	84.7	58.3	76.9	80.6	75.5	85.7	77.3	81.5	80.1
17	VIVEK HYBRID - 17	87.8	84.2	82.0	84.6	82.7	88.7	81.6	59.3	78.1	79.6	74.0	85.7	76.3	85.5	80.2
18	HIM - 129	85.1	82.1	78.0	81.7	83.5	78.6	82.4	35.0	69.9	81.1	74.8	83.3	78.5	76.5	78.8
MEAN LOCATION																
C.D. AT 5% = 0.8 2.4 1.6 1.6 6.6 0.0 3.3 17.2 6.8 2.5 2.0 0.0 0.8 3.5 1.8																
C.V. % = 0.5 1.7 1.2 - 4.8 0.0 2.4 18.6 - 2.0 1.6 0.0 0.6 2.5 -																
F (Prob) = .000 .000 .000 - .276 - .000 .500 - .000 .000 - .000 .000																

TABLE NO. 5 (CONT.)

Sl No	PEDIGREE	GRAIN SHELLING %										ZN 5 MEAN	OV'L MEAN
		HYDE	KARI	ARBH	MAND	COIM	ZN 4 MEAN	UDAI	BANS	GODH	CHHI		
1	D E H - 149	74.3	85.7	82.1	80.8	80.0	80.6	83.7	74.4	64.1	85.7	77.0	79.6
2	D E H - 151	76.5	84.5	83.3	81.3	81.0	81.3	80.3	74.9	79.3	86.5	80.2	80.1
3	D E H - 153	75.2	84.5	83.5	75.4	82.1	80.1	71.2	73.1	70.7	84.0	74.8	78.3
4	D E H - 163	74.0	82.3	81.1	78.7	81.8	79.6	81.2	79.0	78.5	83.0	80.4	79.5
5	F H - 3414	77.1	80.7	81.0	80.4	78.6	79.6	80.3	69.5	86.1	82.8	79.7	79.2
6	F H - 3425	74.5	83.2	82.1	77.8	78.9	79.3	81.4	71.6	87.3	85.7	81.5	79.3
7	F H - 3433	77.8	80.2	81.7	78.0	80.6	79.7	86.1	73.7	81.7	72.0	78.4	78.8
8	F H - 3440	75.8	85.1	82.7	83.6	79.2	81.3	80.3	68.3	72.1	85.3	76.5	80.0
9	F Q H - 38	74.3	82.7	81.2	68.7	86.9	74.7	79.7	68.3	72.1	87.6	76.9	79.0
10	F Q H - 40	74.4	82.7	83.9	84.8	74.9	80.2	82.9	73.3	68.3	87.5	78.0	79.7
11	F Q H - 44	74.3	84.2	83.7	76.5	85.8	80.9	73.1	70.6	84.2	87.6	78.9	80.2
12	A H 501	74.3	82.6	81.7	75.2	84.0	79.5	71.8	73.2	71.4	86.3	75.6	78.1
13	A H 502	73.5	78.6	82.2	79.7	81.9	79.2	74.8	74.2	68.3	84.5	75.5	78.4
14	A H 506	72.1	76.9	82.4	78.1	79.8	77.8	80.5	76.3	89.4	83.6	82.5	78.8
15	A H 514	75.8	80.4	81.2	80.4	84.1	80.4	85.4	72.8	71.4	85.7	78.8	78.8
CHECKS:													
16	VIVEK HYBRID - 9	75.5	82.2	82.0	82.5	81.0	80.6	69.0	76.1	89.9	75.1	77.5	79.7
17	VIVEK HYBRID - 17	73.8	87.3	82.3	84.0	85.8	82.6	85.3	72.7	89.4	84.6	83.0	81.5
18	HIM - 129	74.4	77.7	80.3	78.9	78.0	77.9	76.8	73.7	84.5	74.3	77.3	77.0
MEAN LOCATION													
	C.D. AT 5%	3.3	2.7	8.1	6.0	0.4	4.1	0.5	2.3	2.4	9.1	3.6	-
	C.V. %	2.7	2.0	6.0	4.5	0.3	-	0.4	1.9	1.9	6.5	-	-
	F (Prob)	.195	.000	.002	.001	.000	-	.000	.000	.000	.023	-	-

TABLE NO. 5 (CONT.)

Sl No	PEDIGREE	STAND AT HARVEST											DHOL RANC	
		ALMO	BAJA	KANG	BARA	MEGH	DELH	LUDH	KARN	PANT	KANP	BELI		VARA
1	D E H - 149	24	30	25	23	31	23	38	25	27	28	32	40	27
2	D E H - 151	22	33	24	22	30	22	38	28	26	20	35	33	21
3	D E H - 153	23	29	23	22	29	21	40	26	27	18	35	35	33
4	D E H - 163	21	29	24	23	32	26	37	25	27	26	35	37	29
5	F H - 3414	22	31	25	21	31	30	40	25	28	27	35	25	31
6	F H - 3425	24	34	23	23	32	25	35	26	26	28	35	38	32
7	F H - 3433	22	27	24	23	32	24	37	25	27	24	35	31	32
8	F H - 3440	22	33	25	22	30	18	37	25	27	25	36	41	34
9	F Q H - 38	23	29	25	23	30	32	37	26	28	24	34	36	35
10	F Q H - 40	22	28	23	22	29	22	37	27	26	31	35	38	33
11	F Q H - 44	23	29	25	23	28	22	35	26	26	27	32	26	27
12	A H 501	23	29	25	22	28	25	37	27	26	21	33	37	33
13	A H 502	23	32	24	23	31	26	38	27	29	25	35	40	32
14	A H 506	23	32	24	23	29	29	38	24	27	24	34	37	32
15	A H 514	23	32	24	24	32	28	37	26	22	38	33	18	33
CHECKS:														
16	VIVEK HYBRID - 9	22	26	24	-	34	28	37	26	27	41	34	37	29
17	VIVEK HYBRID - 17	23	31	24	-	31	22	37	26	27	17	34	37	32
18	HIM - 129	22	29	24	-	33	30	38	25	26	28	33	20	31
MEAN LOCATION														
C.D. AT 5%		2.1	4.8	1.8	3.7	3.5	8.6	3.9	2.8	4.7	9.6	3.2	14.6	6.6
C.V. %		5.6	9.6	4.5	9.8	6.9	20.7	6.2	6.6	10.7	22.1	5.6	26.1	10.2
F (Prob)		.538	.099	.180	.997	.056	.122	.734	.461	.719	.002	.255	.062	.055

TABLE NO. 5 (CONT.)

STAND S1	STAND AT HARVEST											OV'L MEAN
	No PEDIGREE	JASH	AMBI	HYDE	KARI	ARBH	MAND	COIM	UDAI	BANS	GODH	
1 D E H - 149	29	35	37	22	29	35	26	35	28	32	30	30
2 D E H - 151	28	38	35	23	23	33	26	33	30	32	30	28
3 D E H - 153	28	31	34	25	24	32	21	34	28	30	28	28
4 D E H - 163	30	35	34	18	28	33	26	29	27	31	36	29
5 F H - 3414	28	42	36	28	32	33	25	35	28	30	37	30
6 F H - 3425	28	32	35	27	34	35	27	34	27	29	30	30
7 F H - 3433	28	30	34	20	28	36	27	35	26	27	34	29
8 F H - 3440	29	33	38	16	37	33	28	33	27	31	36	30
9 F Q H - 38	29	39	35	30	34	34	22	33	29	31	38	31
10 F Q H - 40	31	35	36	28	32	34	19	28	26	27	30	29
11 F Q H - 44	30	31	33	21	29	32	23	37	25	29	33	28
12 A H 501	28	31	35	30	29	35	28	36	28	28	35	30
13 A H 502	30	34	32	21	33	33	29	37	25	26	36	30
14 A H 506	28	36	29	22	33	32	32	35	29	30	36	30
15 A H 514	29	33	36	17	32	33	28	35	28	28	38	29
CHECKS:												
16 VIVEK HYBRID - 9	28	35	37	28	35	32	29	32	29	27	32	31
17 VIVEK HYBRID - 17	30	34	31	19	30	31	31	34	28	28	38	29
18 HIM - 129	30	34	36	15	31	35	28	35	25	29	30	29
MEAN LOCATION	29	34	35	23	31	33	26	34	27	29	34	29
C.D. AT 5%	2.4	4.1	7.5	3.7	7.2	4.0	6.4	2.7	3.1	4.8	5.7	-
C.V. %	5.1	7.3	13.1	9.8	14.1	7.3	14.5	4.8	6.8	9.9	10.1	-
F (Prob)	.224	.000	.792	.000	.041	.563	.020	.000	.077	.263	.000	-

TABLE NO. 6

PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS AT DMRD DELHI, ALIGARH ADVANTA, LUDHIANA, KARNAL, PANTNAGAR, KANPUR, IN AET 1st YEAR, TRIAL No. TR6522 DURING KHARIF (2007).

S1 No PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE														ZN 2	
	DELH		ADVA		R		LUDH		KARN		PANT		KANP		MEAN	R
	DMRD	R	ALIG	R	LUDH	R	KARN	R	PANT	R	KANP	R	KANP	R	MEAN	R
1 B H - 4064	3455	3	4213	8	6061	6	8215	8	8435	6	7697	1	6346	5		
2 B H - 4070	3323	5	4719	5	5204	8	8588	6	8711	5	6439	4	6164	8		
3 J K M H - 502	3299	6	5621	2	8436	2	8312	7	9855	1	7115	2	7106	2		
4 30 R 88	4819	1	5715	1	9831	1	8726	5	8260	7	6525	3	7313	1		
5 PARBHAT (FILLER)	2750	7	4756	4	5611	7	9880	2	9502	3	5483	8	6330	7		
CHECKS:																
6 BIO - 9681	2423	8	4632	7	7218	3	10721	1	7612	8	5490	7	6349	4		
7 PRO - 311	3624	2	4643	6	6201	4	8831	4	9685	2	6202	5	6531	3		
8 SEEDTEC - 2324	3385	4	5086	3	6064	5	8843	3	9077	4	5582	6	6340	6		
MEAN YIELD=	3385		4923		6828		9015		8892		6317		6560			
MEAN STAND	67		41		77		58		76		68		64			
C.D. AT 5% =	571		573		1162		819		1820		429		896			
C.V. % =	9.69		6.68		9.78		5.22		11.76		3.90		-			
F (Prob)	.000		.022		.000		.000		.124		.000		-			
PLOT SIZE=	12.00		9.60		9.60		11.20		12.00		9.60		-			
AGRONOMY DATA:																
SOWING DATE (2007)	30-06		4-07		3-07		1-07		6-07		19-07		-			
HARVEST DATE (2007)	11-10		11-10		17-10		1-10		6-11		29-10		-			
IRRIGATION Nos	1		3		6		5		3		-		-			
FERTILIZER APPLIED N	120		120		125		150		120		100		-			
P	60		60		60		60		60		50		-			
K	40		40		-		60		40		50		-			

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : POCB 20.3%

S1 No PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE BIO - 9681														ZN 2	
	DELH		ADVA		R		LUDH		KARN		PANT		KANP		MEAN	R
	DMRD	R	ALIG	R	LUDH	R	KARN	R	PANT	R	KANP	R	KANP	R	MEAN	R
1 B H - 4064	42.61		-		-		-		10.82		40.20		-		-	
2 B H - 4070	37.14		1.88		-		-		14.45		17.30		-		-	
3 J K M H - 502	36.17		21.35		16.88		-		29.48		29.60		11.93		-	
4 30 R 88	98.89		23.37		36.21		-		8.52		18.86		15.18		-	
5 PARBHAT (FILLER)	13.49		2.67		-		-		24.84		-		-		-	
CHECKS:																
6 BIO - 9681	-		-		-		-		-		-		-		-	
7 PRO - 311	49.58		0.22		-		-		27.24		12.97		2.86		-	
8 SEEDTEC - 2324	39.71		9.80		-		-		19.25		1.68		-		-	

TABLE NO. 6 (CONT.)

S1 No PEDIGREE	MOISTURE & AT HARVEST				PLANT HEIGHT (cm)				EAR HEIGHT (cm)				
	DELH DMRD	ADVA ALIG	LUDH KARN	PANT KARN	ZN 2 MEAN	DELH DMRD	ADVA ALIG	LUDH KARN	PANT KARN	ZN 2 MEAN	DELH DMRD	ADVA ALIG	LUDH KARN
1 B H - 4064	25.3	26.1	25.5	32.2	24.4	26.7	179	257	197	202	267	191	215
2 B H - 4070	26.7	24.7	23.5	29.9	26.7	26.3	170	255	193	202	270	189	213
3 J K M H - 502	27.5	27.7	26.6	31.9	25.9	27.9	150	242	182	178	247	194	199
4 30 R 88	31.1	26.9	27.6	31.6	24.6	28.4	191	253	212	192	267	183	216
5 PARBHAT (FILLER)	26.8	25.6	25.5	30.1	25.0	26.6	182	242	188	192	263	176	207
CHECKS:													
6 BIO - 9681	24.0	24.5	22.5	28.5	25.6	25.0	159	227	195	183	260	178	200
7 PRO - 311	28.3	28.3	25.2	33.2	23.0	27.6	142	215	185	157	237	162	183
8 SEEDTEC - 2324	29.6	26.7	27.3	33.1	25.6	28.5	160	212	182	175	230	152	185
MEAN LOCATION	27.4	26.3	25.5	31.3	25.1	27.1	167	238	192	185	255	178	202
C.D. AT 5%	1.8	2.2	2.1	0.0	4.2	2.1	24.3	17.6	21.4	23.2	26.5	9.0	20.3
C.V. %	3.7	4.8	4.7	0.0	9.5	-	8.3	4.2	6.4	7.1	5.9	2.9	-
F (Prob)	.000	.022	.001	.000	.702	-	.008	.000	.129	.014	.037	.000	-

S1 No PEDIGREE	EAR HEIGHT (cm)				GRAIN SHELLING %				STAND AT HARVEST				
	PANT KARN	ADVA ALIG	LUDH KARN	ZN 2 MEAN	ALIG	LUDH	KARN	PANT	OV'L MEAN	DELH DMRD	ADVA ALIG	LUDH	KARN
1 B H - 4064	107	96	104	96	76.8	85.3	88.6	83.1	71.5	81.1	67	46	80
2 B H - 4070	107	96	99	92	77.2	82.3	85.0	81.5	68.5	78.9	69	47	81
3 J K M H - 502	103	89	92	92	72.2	82.4	82.7	80.8	70.5	77.7	66	38	71
4 30 R 88	117	86	102	96	80.6	87.3	86.3	82.3	71.5	81.6	68	46	79
5 PARBHAT (FILLER)	117	89	98	98	73.8	80.0	83.3	80.9	69.0	77.4	65	33	76
CHECKS:													
6 BIO - 9681	90	80	88	88	75.7	83.3	88.2	81.1	69.0	79.4	69	39	75
7 PRO - 311	113	71	91	91	73.0	83.3	86.7	82.6	72.0	79.5	68	39	77
8 SEEDTEC - 2324	103	74	92	92	74.8	83.1	86.3	79.7	70.0	78.8	68	39	78
MEAN LOCATION	107	85	96	96	75.5	83.4	85.9	81.5	70.3	79.3	67	41	77
C.D. AT 5%	25.9	8.3	14.5	-	1.3	0.0	0.0	3.7	3.5	-	2.8	8.6	6.0
C.V. %	13.8	5.5	-	-	1.0	0.0	0.0	2.6	2.8	-	2.4	12.1	4.4
F (Prob)	.433	.000	-	-	.000	.000	.000	.571	.301	-	.044	.053	.046

TABLE NO. 7

PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS AT BELIPAR GORAKHPUR, VARANASI, RANCHI, JASHIPUR AMBIKAPUR, POGB BANGLORE IN AET 1st YEAR, TRIAL No. TR65Z3 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE																	
		BELI		VARA		RANC		JASH		AMBI		ZN 3		BANG		OV'L			
		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
1	J H - 11116	5667	5	9617	1	5057	8	6422	5	7390	8	6830	3	11100	1	7542	2		
2	J H - 11117	6518	1	8073	4	6189	3	6551	2	8710	4	7208	2	8454	5	7416	3		
3	B H - 4065	5766	4	7467	5	5623	4	5468	8	8081	7	6481	6	7917	9	6720	7		
4	B H - 4066	4528	10	6507	9	5176	7	6462	3	6925	9	5920	9	8526	4	6354	9		
5	S M H - 3904	5523	7	9353	2	7440	1	6887	1	8926	2	7626	1	8431	6	7760	1		
6	30 R 88	5060	9	8528	3	5219	6	6348	6	8937	1	6818	4	9826	3	7320	4		
7	PARBHAT (FILLER)	5438	8	5950	10	5007	9	5487	7	6013	10	5579	10	5861	10	5626	10		
CHECKS:																			
8	BIO - 9681	6085	2	7426	6	5556	5	5162	9	8878	3	6621	5	7918	8	6838	6		
9	PRO - 311	5529	6	7333	7	6555	2	3694	10	8255	6	6273	8	8163	7	6588	8		
10	SEEDTEC - 2324	5881	3	6658	8	4920	10	6424	4	8474	5	6472	7	10244	2	7100	5		
	MEAN YIELD=	5599		7691		5674		5690		8059		6583		8644		6926			
	MEAN STAND	58		76		62		62		69		65		41		61			
	C.D. AT 5%	637		1423		1028		1280		1105		1095		2812		1381			
	C.V. %	6.65		10.83		10.60		12.71		8.02		-		19.04		-			
	F (Prob)	.000		.000		.007		.001		.000		-		.174		-			
	PLOT SIZE=	9.60		9.60		11.20		9.60		12.00		-		4.80		-			
AGRONOMY DATA:																			
	SOWING DATE (2007)	7-07		25-06		22-06		10-07		23-06		-		-		-			
	HARVEST DATE (2007)	19-10		4-10		11-10		5-11		-		-		-		-			
	IRRIGATION Nos	-		2		-		-		-		-		6		-			
	FERTILIZER APPLIED N	150		120		100		120		120		-		120		-			
	P	75		60		60		60		60		-		60		-			
	K	60		40		40		60		40		-		40		-			

LOCATIONS REJECTED DUE TO HIGH C.V. (L.S. > 20%) : DHOL 21.4%

TABLE NO. 7 (CONT.)

GRAIN YIELD & SUPERIORITY OVER THE BIO - 9681										
Sl	No PEDIGREE	GORA	BELI	VARA	RANC	JASH	AMBI	ZN 3	BANG	OV'L
								MEAN	POCB	MEAN
1	J H - 11116	-	29.50	-	-	24.41	-	3.16	40.18	10.30
2	J H - 11117	7.12	8.72	11.39	-	26.90	-	8.86	6.76	8.46
3	B H - 4065	-	0.55	1.21	-	5.92	-	-	-	-
4	B H - 4066	-	-	-	-	25.19	-	-	7.68	-
5	S M H - 3904	-	25.96	33.90	-	33.41	0.54	15.17	6.48	13.49
6	30 R 88	-	14.83	-	-	22.97	0.66	2.98	24.09	7.05
7	PARBHAT (FILLER)	-	-	-	-	6.30	-	-	-	-
CHECKS:										
8	BIO - 9681	-	-	-	-	-	-	-	-	-
9	PRO - 311	-	-	17.97	-	-	-	-	3.08	-
10	SEEDTEC - 2324	-	-	-	-	24.45	-	-	29.37	3.84

GRAIN YIELD & SUPERIORITY OVER THE PRO - 311										
Sl	No PEDIGREE	GORA	BELI	VARA	RANC	JASH	AMBI	ZN 3	BANG	OV'L
								MEAN	POCB	MEAN
1	J H - 11116	2.50	31.14	-	-	73.84	-	8.88	35.98	14.48
2	J H - 11117	17.90	10.10	-	-	77.32	5.51	14.91	3.57	12.56
3	B H - 4065	4.30	1.82	-	-	48.01	-	3.31	-	2.01
4	B H - 4066	-	-	-	-	74.93	-	-	4.45	-
5	S M H - 3904	-	27.55	13.51	-	86.42	8.12	21.56	3.29	17.79
6	30 R 88	-	16.29	-	-	71.83	8.25	8.69	20.38	11.10
7	PARBHAT (FILLER)	-	-	-	-	48.53	-	-	-	-
CHECKS:										
8	BIO - 9681	10.06	1.27	-	-	39.73	7.54	5.55	-	3.79
9	PRO - 311	-	-	-	-	-	-	-	-	-
10	SEEDTEC - 2324	6.37	-	-	-	73.90	2.65	3.16	25.50	7.77

TABLE NO. 7 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE SEEDTEC - 2324															
		GORA		VARA		RANC		JASH		AMBI		ZN 3					
		BELI	VARA	RANC	JASH	AMBI	ZN 3 MEAN	BANG POCB	OV'L MEAN	BELI	VARA	RANC	JASH	AMBI	ZN 3 MEAN	BANG POCB	OV'L MEAN
1	J H - 11116	-	44.43	2.79	-	-	5.55	8.35	6.22	-	-	-	-	-	-	-	-
2	J H - 11117	10.84	21.25	25.80	1.97	2.78	11.38	-	4.45	-	-	-	-	-	-	-	-
3	B H - 4065	-	12.14	14.30	-	-	0.15	-	-	-	-	-	-	-	-	-	-
4	B H - 4066	-	-	5.21	0.59	-	-	-	-	-	-	-	-	-	-	-	-
5	S M H - 3904	-	40.48	51.22	7.20	5.32	17.83	-	9.29	-	-	-	-	-	-	-	-
6	30 R 88	-	28.07	6.08	-	5.46	5.36	-	3.09	-	-	-	-	-	-	-	-
7	PARSHAT (FILLER)	-	-	1.76	-	-	-	-	-	-	-	-	-	-	-	-	-
CHECKS:																	
8	BIO - 9681	3.46	11.53	12.94	-	4.76	2.31	-	-	-	-	-	-	-	-	-	-
9	PRO - 311	-	10.13	33.23	-	-	-	-	-	-	-	-	-	-	-	-	-
10	SEEDTEC - 2324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Sl No	PEDIGREE	DAYS TO 50% POLLEN SHED										DAYS TO 50% SILKING																					
		GORA		VARA		RANC		JASH		AMBI		ZN 3		BANG		OV'L		GORA		BELI		VARA		RANC		JASH		AMBI		ZN 3		BANG	
		BELI	VARA	RANC	JASH	AMBI	ZN 3 MEAN	BANG POCB	OV'L MEAN	BELI	VARA	RANC	JASH	AMBI	ZN 3 MEAN	BANG POCB	OV'L MEAN	BELI	VARA	RANC	JASH	AMBI	ZN 3 MEAN	BANG POCB	OV'L MEAN	BELI	VARA	RANC	JASH	AMBI	ZN 3 MEAN	BANG POCB	OV'L MEAN
1	J H - 11116	62.0	54.7	57.3	58.0	53.0	57.0	58.7	57.3	64.7	59.0	61.7	60.3	56.0	60.3	60.7	60.4	63.3	54.7	59.0	57.0	55.7	57.9	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.1	58.1
2	J H - 11117	61.0	50.7	55.0	54.3	53.0	54.8	58.3	55.4	63.3	54.7	59.0	57.0	55.7	60.3	57.5	57.8	59.0	57.0	57.0	60.7	55.7	55.3	57.5	59.0	57.8	55.3	57.5	59.0	57.8	57.8	57.8	57.8
3	B H - 4065	56.7	52.3	57.0	53.3	52.7	54.4	56.7	54.8	59.0	57.0	60.7	55.7	55.3	60.3	57.5	57.8	64.0	52.7	53.7	56.7	57.4	56.3	59.9	62.0	57.8	56.7	57.7	56.3	59.9	62.0	60.2	60.2
4	B H - 4066	64.0	52.7	58.3	54.7	53.7	56.7	61.0	57.4	65.7	57.7	62.0	57.7	56.3	62.0	61.4	61.6	62.7	55.7	58.3	56.7	58.6	65.3	59.0	62.0	60.7	60.0	60.7	60.0	61.4	62.3	61.6	61.6
5	S M H - 3904	62.7	55.7	57.7	58.3	56.7	58.2	60.7	58.6	65.0	55.7	61.0	59.7	56.4	61.0	59.3	59.2	62.7	52.3	57.0	55.7	53.7	56.4	55.0	55.7	56.0	55.7	56.0	59.3	59.0	59.2	59.2	59.2
6	30 R 88	62.7	52.3	57.0	55.7	53.7	56.3	57.3	56.4	64.7	57.3	61.7	59.0	55.0	61.7	59.5	60.2	62.7	51.3	57.7	56.7	51.7	55.8	59.3	60.2	55.0	55.0	55.0	55.0	53.3	60.2	60.2	
7	PARSHAT (FILLER)	61.7	51.3	57.7	56.7	51.7	55.8	59.3	56.4	59.0	54.3	59.0	54.7	54.0	56.2	56.2	56.3	56.7	48.7	55.3	51.0	50.7	52.5	55.0	56.3	56.7	54.7	54.0	56.2	56.7	56.3	56.3	
CHECKS:																																	
8	BIO - 9681	56.7	48.7	55.3	51.0	50.7	52.5	55.0	52.9	64.0	56.0	60.3	57.7	55.7	61.3	58.7	59.1	61.0	53.0	56.0	55.4	59.0	56.0	57.3	59.2	56.7	55.7	58.7	56.0	59.1	59.2	59.2	59.2
9	PRO - 311	60.7	53.0	57.0	56.0	53.0	55.9	57.3	56.2	63.3	56.3	61.3	58.3	56.0	59.1	59.3	59.1	60.9	52.4	56.8	55.3	53.0	55.7	58.3	59.2	56.0	56.0	56.0	59.0	60.2	59.2	59.2	
10	SEEDTEC - 2324	60.9	52.4	56.8	55.3	53.0	55.7	58.3	56.1	63.4	56.7	60.9	58.0	56.0	59.0	59.0	59.2	1.8	0.8	1.6	2.0	2.0	1.6	3.8	-	1.9	1.7	1.5	2.0	2.0	1.8	4.7	-
C.D. AT 5%																																	
C.V. %																																	
F (Prob)																																	

TABLE NO. 7 (CONT.)

S1 No PEDIGREE	DAYS TO 75% DRY HUSK					MOISTURE % AT HARVEST					ZN 3 BANG					OV'L MEAN
	GORA		VARA		RANC		JASH		AMBI		ZN 3 BANG		POCB		OV'L	
	BELI	MEAN	BELI	MEAN	BELI	MEAN	BELI	MEAN	BELI	MEAN	BELI	MEAN	BELI	MEAN		
1 J H - 11116	84.0	91.3	102.0	96.3	97.0	94.1	23.8	29.1	21.6	20.6	14.6	21.9	20.9	21.8		
2 J H - 11117	83.3	87.0	103.0	94.0	97.3	92.9	24.1	27.5	23.8	20.8	15.0	22.3	20.8	22.0		
3 B H - 4065	84.0	89.3	103.3	95.0	100.3	94.4	23.9	25.7	21.1	19.8	13.8	20.8	20.4	20.8		
4 B H - 4066	91.3	91.7	104.3	98.0	102.3	97.5	27.1	28.8	22.4	20.5	14.4	22.6	20.4	22.3		
5 S M H - 3904	89.0	92.3	104.0	98.0	102.3	97.1	25.8	32.9	22.8	20.2	14.9	23.3	24.9	23.6		
6 30 R 88	89.0	90.7	104.3	97.7	102.0	96.7	25.3	27.9	23.5	20.4	14.9	22.4	21.7	22.3		
7 PARBHAT (FILLER)	87.7	90.0	103.7	95.0	100.7	95.4	24.1	28.8	20.7	19.7	14.9	21.6	20.0	21.4		
CHECKS:																
8 BIO - 9681	84.0	87.0	102.7	93.7	97.7	93.0	22.9	27.8	21.5	19.3	14.6	21.2	20.0	21.0		
9 PRO - 311	85.7	88.0	104.0	94.7	96.3	93.7	24.6	28.0	23.0	49.1	14.4	27.8	20.2	26.6		
10 SEEDTEC - 2324	85.3	88.0	104.3	95.3	100.7	94.7	24.3	29.0	25.6	20.0	14.6	22.7	21.9	22.6		
MEAN LOCATION																
C.D. AT 5%	1.7	1.9	0.9	2.3	1.1	1.6	1.3	2.4	2.8	16.2	0.4	4.6	2.1	-		
C.V. % =	1.1	1.2	0.5	1.4	0.7	-	3.1	5.0	7.3	41.0	1.5	-	5.7	-		
F (Prob)	.000	.000	.000	.004	.000	-	.000	.002	.047	.028	.000	-	.004	-		
PLANT HEIGHT (cm)																
S1 No PEDIGREE	GORA					ZN 3 BANG					EAR HEIGHT (cm)					OV'L MEAN
	BELI		VARA		RANC		JASH		AMBI		ZN 3 BANG		GORA		OV'L	
	BELI	MEAN	BELI	MEAN	BELI	MEAN	BELI	MEAN	BELI	MEAN	BELI	MEAN	BELI	MEAN		
1 J H - 11116	148	205	212	173	275	203	211	52	108	98	86	107	90	107	93	
2 J H - 11117	147	180	200	200	261	197	243	56	88	100	101	112	91	100	93	
3 B H - 4065	153	183	177	186	257	191	247	59	85	88	92	94	84	107	88	
4 B H - 4066	151	190	204	195	256	199	230	51	80	100	91	98	84	93	86	
5 S M H - 3904	146	208	208	199	273	207	233	66	123	103	103	110	101	107	102	
6 30 R 88	125	190	200	175	278	194	260	48	98	98	87	119	90	107	93	
7 PARBHAT (FILLER)	150	185	208	208	270	204	243	66	100	104	104	112	97	103	98	
CHECKS:																
8 BIO - 9681	152	208	183	184	245	194	237	51	100	77	82	85	79	90	81	
9 PRO - 311	138	168	172	192	240	182	230	47	98	89	100	102	87	107	90	
10 SEEDTEC - 2324	139	165	169	179	239	178	233	59	90	87	90	98	85	103	88	
MEAN LOCATION																
C.D. AT 5%	18.0	7.1	21.4	9.9	18.5	15.0	39.4	-	12.0	5.1	17.4	7.9	12.5	11.0	21.1	
C.V. % =	7.3	2.2	6.5	3.0	4.1	-	9.6	-	12.5	3.1	10.7	4.9	7.0	-	12.0	
F (Prob)	.104	.000	.002	.000	.001	-	.824	-	.028	.000	.070	.000	.001	-	.672	

TABLE NO. 7 (CONT.)

S1 No PEDIGREE	GRAIN SHELLING %					STAND AT HARVEST					OV'L MEAN				
	GORA	BELI	VARA	RANC	JASH	AMBI	ZN 3 MEAN	OV'L MEAN	BELI	VARA		RANC	JASH	AMBI	POCB
1 J H - 11116	75.7	86.5	83.3	79.6	83.5	81.7	81.7	81.7	60	77	65	62	67	44	62
2 J H - 11117	77.5	78.3	85.7	77.8	85.0	80.8	80.8	80.8	62	73	68	61	64	39	61
3 B H - 4065	74.3	76.8	83.3	79.3	74.0	77.5	77.5	77.5	59	75	50	63	68	37	59
4 B H - 4066	76.4	74.8	77.6	78.1	80.0	77.4	77.4	77.4	54	75	67	62	68	42	61
5 S M H - 3904	76.2	81.0	88.9	77.6	82.0	81.1	81.1	81.1	58	78	64	62	69	40	62
6 30 R 88	76.7	79.0	85.7	79.3	81.5	80.4	80.4	80.4	60	77	66	61	74	43	63
7 PARBHAT (FILLER)	72.2	76.8	77.6	78.3	81.0	77.2	77.2	77.2	49	76	57	62	66	40	58
CHECKS:															
8 BIO - 9681	75.2	76.0	88.9	78.3	86.5	81.0	81.0	81.0	59	76	57	61	72	41	61
9 PRO - 311	75.7	74.3	87.5	78.3	83.0	79.7	79.7	79.7	53	76	60	62	74	42	61
10 SEEDTEC - 2324	76.1	74.5	77.6	79.8	81.0	77.8	77.8	77.8	62	75	64	62	70	44	63
MEAN LOCATION	75.6	77.8	83.6	78.6	81.8	79.5	79.5	79.5	58	76	62	62	69	41	61
C.D. AT 5%	4.0	1.5	0.0	0.9	3.0	1.9	-	-	4.2	2.7	12.1	2.9	4.6	4.6	-
C.V. %	3.1	1.1	0.0	0.7	2.1	-	-	-	4.2	2.1	11.4	2.7	3.9	6.5	-
F (Prob)	.365	.000	-	.000	.000	-	-	-	.000	.133	.109	.901	.003	.101	-

TABLE NO. 8

PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS AT DMRD DELHI, HYDERABAD, KARIMNAGAR, ARBHAVI, MANDYA, COIMBATORE, IN AET 1st YEAR, TRIAL No. TR65Z4 DURING KHARIF (2007).

S1		GRAIN YIELD (kg/ha) AT 15% MOISTURE												OV'L				
DELH														MEAN R				
No	PEDIGREE	DMRD	R	HYDE	R	KARI	R	ARBH	R	MAND	R	COIM	R	ZN 4	R	MEAN	R	
1	P R O - 371	2694	6	10401	3	8660	2	9279	1	7805	4	13586	4	9946	2	8737	3	
2	S M H - 3904	2229	8	13411	1	8344	4	8750	3	8229	2	15250	1	10797	1	9369	1	
3	22 K 40	3088	4	8521	8	5104	9	7453	6	6939	8	12319	6	8067	8	7238	8	
4	30 R 88	5397	1	10370	4	7701	5	7193	8	8111	3	13708	3	9417	5	8747	2	
5	PARBHAT (FILLER)	3298	2	7637	9	6807	8	6773	9	5933	9	8719	9	7174	9	6528	9	
6	M C H - 33	2214	9	10011	6	8952	1	8878	2	7586	6	14262	2	9938	3	8650	4	
CHECKS:																		
7	BIO - 9681	2435	7	9811	7	7399	7	8417	4	7800	5	9973	8	8680	7	7639	7	
8	PRO - 311	3145	3	10351	5	7602	6	7244	7	9328	1	10454	7	8996	6	8021	6	
9	SEEDTEC - 2324	2746	5	10755	2	8399	3	7922	5	7585	7	12780	5	9488	4	8365	5	
	MEAN YIELD=	3027		10141		7663		7990		7702		12339		9167		8144		
	MEAN STAND	66		72		67		59		65		50		62		63		
	C.D. AT 5%=	767		1227		1633		2301		1316		1900		1675		1524		
	C.V. % =	14.71		7.02		12.37		16.72		9.92		8.94		-		-		
	F (Prob)	.000		.000		.000		.142		.006		.000		-		-		
	PLOT SIZE=	12.00		12.00		12.00		12.00		11.20		9.60		-		-		
AGRONOMY DATA:																		
	SOWING DATE(2007)	30-06		24-06		16-07		11-07		14-07		24-07		-		-		
	HARVEST DATE(2007)	11-10		18-10		13-11		7-11		22-11		26-11		-		-		
	IRRIGATION Nos	1		1		6		5		7		10		-		-		
	FERTILIZER APPLIED N	120		120		120		150		150		135		-		-		
	P	60		60		60		75		75		63		-		-		
	K	40		40		40		38		40		50		-		-		

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : POGB 23.9% : KOLH 21.4%

TABLE NO. 6 (CONT.)

GRAIN YIELD & SUPERIORITY OVER THE BIO - 9681										
S1	DELH	DMRD	HYDE	KARI	ARBH	MAND	COIM	ZN 4	OV'L	
No PEDIGREE								MEAN	MEAN	
1 P R O - 371	10.67	17.04	6.01	10.24	0.07	36.23	14.59	14.38		
2 S M H - 3904	-	36.69	12.78	3.96	5.50	52.92	24.39	22.64		
3 22 K 40	26.86	-	-	-	-	23.53	-	-		
4 30 R 88	121.70	4.09	5.70	-	3.99	37.45	8.49	14.50		
5 PARBHAT (FILLER)	35.45	-	-	-	-	-	-	-		
6 M C H - 33	-	21.00	2.03	5.47	-	43.01	14.49	13.24		
CHECKS:										
7 BIO - 9681	-	-	-	-	-	-	-	-		
8 PRO - 311	29.18	2.74	5.50	-	19.59	4.83	3.64	4.99		
9 SEEDTEC - 2324	12.80	13.53	9.62	-	-	28.15	9.31	9.50		
GRAIN YIELD & SUPERIORITY OVER THE PRO - 311										
S1	DELH	DMRD	HYDE	KARI	ARBH	MAND	COIM	ZN 4	OV'L	
No PEDIGREE								MEAN	MEAN	
1 P R O - 371	-	13.92	0.48	28.09	-	29.96	10.57	8.94		
2 S M H - 3904	-	29.56	20.79	2.89	-	45.88	20.02	16.81		
3 22 K 40	-	-	-	-	-	17.84	-	-		
4 30 R 88	71.61	1.30	0.19	-	-	31.13	4.68	9.05		
5 PARBHAT (FILLER)	4.85	-	-	-	-	-	-	-		
6 M C H - 33	-	17.76	22.56	-	-	36.43	10.47	7.85		
CHECKS:										
7 BIO - 9681	-	-	-	16.19	-	-	-	-		
8 PRO - 311	-	-	-	-	-	-	-	-		
9 SEEDTEC - 2324	-	10.49	3.90	9.36	-	22.25	5.48	4.29		
GRAIN YIELD & SUPERIORITY OVER THE SEEDTEC - 2324										
S1	DELH	DMRD	HYDE	KARI	ARBH	MAND	COIM	ZN 4	OV'L	
No PEDIGREE								MEAN	MEAN	
1 P R O - 371	-	3.10	17.13	2.91	6.30	4.83	4.46			
2 S M H - 3904	-	24.70	10.46	8.50	19.32	13.79	12.01			
3 22 K 40	12.47	-	-	-	-	-	-			
4 30 R 88	96.55	-	-	6.94	7.26	-	4.57			
5 PARBHAT (FILLER)	20.08	-	-	-	-	-	-			
6 M C H - 33	-	6.58	12.07	0.01	11.59	4.74	3.42			
CHECKS:										
7 BIO - 9681	-	-	-	6.25	2.84	-	-			
8 PRO - 311	14.53	-	-	-	22.98	-	-			
9 SEEDTEC - 2324	-	-	-	-	-	-	-			

TABLE NO. 8 (CONT.)

S1 No PEDIGREE	DAYS TO 50% POLLEN SHED					DAYS TO 50% SILKING					ZN 4 MEAN	OV'L MEAN		
	DELH		ARBH			DELH		ARBH					ZN 4 COIM	OV'L MEAN
	DMRD	HYDE	KARI	MAND	COIM	DMRD	HYDE	KARI	MAND					
1 P R O - 371	57.7	55.3	50.0	57.7	51.3	61.7	57.7	52.3	58.0	54.7	56.2	57.1		
2 S M H - 3904	63.3	58.7	55.0	62.0	55.7	65.7	60.7	57.0	62.0	61.0	59.7	60.7		
3 22 K 40	57.3	55.7	51.0	60.0	53.0	60.3	58.0	53.3	61.0	58.3	56.0	57.8		
4 30 R 88	57.7	56.3	50.3	60.3	53.0	60.0	59.0	51.7	61.0	59.0	55.3	57.2		
5 PARBHAT (FILLER)	57.7	56.7	50.3	59.3	55.0	61.3	59.7	52.0	62.0	57.7	55.7	58.1		
6 M C H - 33	58.7	56.7	49.7	58.3	51.3	62.7	59.3	51.0	59.7	57.7	54.7	57.5		
CHECKS:														
7 BIO - 9681	55.0	55.7	46.3	55.0	49.3	58.7	57.3	48.3	56.0	55.0	51.7	53.7		
8 PRO - 311	58.7	56.3	49.3	58.3	52.0	61.7	58.0	51.0	59.3	58.0	54.3	56.1		
9 SEEDTEC - 2324	59.3	57.0	48.7	58.3	51.3	62.3	59.3	50.3	59.7	57.0	55.0	57.3		
MEAN LOCATION	58.4	56.5	50.1	58.8	52.1	61.6	58.8	51.9	59.9	58.0	55.0	56.7		
C.D. AT 5%	1.4	2.2	1.4	1.4	1.4	1.9	2.2	1.3	1.9	1.7	1.2	1.7		
C.V. %	1.4	2.2	1.7	1.4	1.6	1.8	2.2	1.5	1.8	1.7	1.3	-		
F (Prob)	.000	.146	.000	.000	.000	.000	.089	.000	.000	.000	.000	-		

S1 No PEDIGREE	DAYS TO 75% DRY HUSK					MOISTURE % AT HARVEST					ZN 4 MEAN	OV'L MEAN		
	DELH		ARBH			DELH		ARBH					ZN 4 COIM	OV'L MEAN
	DMRD	HYDE	KARI	MAND	COIM	DMRD	HYDE	KARI	MAND					
1 P R O - 371	93.3	84.3	97.7	98.7	100.3	26.6	22.8	9.8	33.8	15.2	20.3	20.4		
2 S M H - 3904	92.7	87.3	98.3	98.3	103.0	32.0	20.0	11.0	35.6	14.1	21.6	22.4		
3 22 K 40	92.0	85.7	98.3	99.0	101.0	26.2	21.7	10.4	34.2	14.7	23.0	21.7		
4 30 R 88	95.0	87.7	98.7	97.0	100.0	27.8	23.7	8.1	38.0	15.7	21.1	21.3		
5 PARBHAT (FILLER)	92.3	86.0	98.7	98.7	100.7	29.6	22.5	6.9	30.6	15.7	21.8	21.2		
6 M C H - 33	93.3	86.3	98.3	97.3	100.0	28.5	24.6	7.2	38.8	15.6	22.6	21.8		
CHECKS:														
7 BIO - 9681	91.0	83.3	97.7	98.7	96.7	23.3	22.1	9.8	30.1	15.5	22.5	20.0		
8 PRO - 311	91.3	84.0	98.3	98.7	99.3	27.5	22.2	7.2	32.0	14.5	22.6	19.7		
9 SEEDTEC - 2324	92.7	85.3	99.0	97.7	100.0	25.6	23.0	8.3	34.5	13.1	20.8	19.9		
MEAN LOCATION	92.6	85.6	98.3	98.2	100.1	27.5	22.5	8.7	34.2	14.9	21.8	20.4		
C.D. AT 5%	2.9	1.4	1.4	2.8	1.5	3.1	1.2	1.5	3.4	1.1	0.3	1.5		
C.V. %	1.8	0.9	0.8	1.6	0.9	6.4	3.1	10.2	5.7	4.3	0.9	-		
F (Prob)	.235	.000	.582	.770	.000	.001	.000	.000	.000	.002	.000	-		

TABLE NO. 9 (CONT.)

SL NO	PEDIGREE	PLANT HEIGHT (cm)				EAR HEIGHT (cm)				ZN 4 MEAN	OV'L MEAN						
		DMRD	HYDE	KARI	ARBH	MAND	COIM	ZN 4 MEAN	OV'L MEAN			DMRD	HYDE	KARI	ARBH	MAND	COIM
1	P R O - 371	137	217	165	175	186	198	188	179	84	90	67	85	95	96	86	86
2	S M H - 3904	170	225	172	197	203	212	202	197	101	115	82	99	111	122	105	105
3	22 K 40	147	232	155	165	187	194	187	180	77	83	68	83	94	98	85	84
4	30 R 88	191	227	183	179	199	232	204	202	105	108	83	84	106	125	101	102
5	PARBHAT (FILLER)	170	243	176	185	199	215	204	198	96	117	88	102	112	118	107	105
6	M C H - 33	150	218	169	184	203	205	196	188	84	97	72	89	102	108	93	92
CHECKS:																	
7	BIO - 9681	150	237	171	191	194	197	198	190	91	95	71	90	92	102	90	90
8	PRO - 311	152	220	157	180	184	198	188	182	96	120	77	92	101	114	101	100
9	SEEDTEC - 2324	154	213	154	187	184	189	185	180	90	98	79	94	97	108	95	94
MEAN LOCATION		158	226	167	182	193	205	195	188	92	103	76	91	101	110	96	95
C.D. AT 5%		18.3	23.1	13.5	7.3	12.8	10.2	13.4	-	13.1	19.6	7.5	9.4	16.4	7.2	12.0	-
C.V. %		6.7	5.9	4.7	2.3	3.8	2.9	-	-	8.3	11.1	5.7	6.0	9.3	3.8	-	-
F (Prob)		.000	.185	.003	.000	.014	.000	-	-	.007	.010	.000	.006	.149	.000	-	-

SL NO	PEDIGREE	GRAIN SHELLING %				STAND AT HARVEST				ZN 4 MEAN	OV'L MEAN						
		HYDE	KARI	ARBH	MAND	COIM	ZN 4 MEAN	OV'L MEAN	DMRD			HYDE	KARI	ARBH	MAND	COIM	ZN 4 MEAN
1	P R O - 371	77.5	73.9	81.0	76.5	78.2	77.4	77.4	66	74	78	64	62	59	67	67	
2	S M H - 3904	75.8	75.7	81.9	71.8	78.8	76.8	76.8	66	77	51	64	67	54	63	63	
3	22 K 40	74.5	84.7	84.7	73.5	80.7	79.6	79.6	58	59	69	51	65	39	57	57	
4	30 R 88	74.1	82.2	85.4	81.7	79.9	80.7	80.7	69	76	73	64	67	52	67	67	
5	PARBHAT (FILLER)	73.5	85.1	81.8	76.2	78.1	78.9	78.9	67	61	58	59	65	44	59	59	
6	M C H - 33	76.0	77.1	82.9	79.8	79.0	79.0	79.0	66	73	67	55	66	53	63	63	
CHECKS:																	
7	BIO - 9681	76.3	79.5	82.8	86.9	80.8	81.2	81.2	69	73	78	54	66	39	63	63	
8	PRO - 311	73.8	74.6	82.0	91.9	76.7	79.8	79.8	68	79	70	56	63	54	65	65	
9	SEEDTEC - 2324	73.5	80.7	83.5	76.8	79.7	78.9	78.9	68	76	54	62	64	56	63	63	
MEAN LOCATION		75.0	79.3	82.9	79.5	79.1	79.1	79.1	66	72	67	59	65	50	63	63	
C.D. AT 5%		2.5	3.1	1.3	4.9	0.2	2.4	2.4	2.8	9.8	8.2	10.7	7.3	9.6	-	-	
C.V. %		2.0	2.3	0.9	3.6	0.1	-	-	2.4	7.9	7.1	10.6	6.5	11.1	-	-	
F (Prob)		.035	.000	.000	.000	.000	-	-	.000	.004	.000	.137	.832	.002	-	-	

TABLE NO. 9

PERFORMANCE OF EXPERIMENTAL HYBRID & COMPOSITE AT DMRD DELHI, ALIGHARH ADVANTA, LUDHIANA KARNAL, PANTNAGAR, KANPUR, BELIPAR GORAKHPUR, VARANASI, DHOLI, RANCHI, JASHIPUR, AMBIKAPUR HYDERABAD, KARIMNAGAR, ARBHAVI, ADVANTA BANGALORE, MANDYA, COIMBATORE, KOLHAPUR IN AET 1st YEAR, TRIAL No. T65AZ234 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												ZN 2	
		DELH		ADVTA		LUDH		KARN		PANT		KANP		R	MEAN
1	P A C - 740	3862	2	4936	2	11136	1	8976	3	4104	2	5490	5	6417	1
2	DMR SYNTHETIC - 4	3934	1	4316	5	7232	4	7537	5	3959	5	5558	4	5423	5
3	BIO - 9681	2487	6	4495	4	6363	6	9540	1	3959	6	5717	3	5427	4
4	PRO - 311	2683	5	4544	3	8075	3	9109	2	4100	3	5436	6	5658	3
5	PARBHAT	3018	3	3943	6	7202	5	7073	6	4083	4	6289	1	5268	6
6	SEEDTEC - 2324	2940	4	5172	1	8753	2	8032	4	4117	1	6109	2	5854	2
MEAN YIELD=		3154		4568		8127		8378		4054		5766		5674	
MEAN STAND		70		39		78		61		75		70		65	
C.D. AT 5%		498		509		1214		628		357		509		619	
C.V. %		8.79		6.20		10.01		4.17		5.91		4.91		-	
F (Prob)		.000		.024		.000		.002		.770		.002		-	
PLOT SIZE=		12.00		9.60		9.60		11.20		12.00		9.60		-	
AGRONOMY DATA:															
SOWING DATE (2007)		30-06		4-07		3-07		1-07		2-07		19-07		-	
HARVEST DATE (2007)		10-10		11-10		17-10		2-10		1-11		29-10		-	
IRRIGATION Nos		1		3		6		5		3		-		-	
FERTILIZER APPLIED N		120		120		125		150		120		100		-	
P		60		60		60		60		60		50		-	
K		40		40		-		60		40		50		-	

CHECKS:

TABLE NO. 9 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE															ZN 3
		GORA															
		BELI	R	VARA	R	DHOL	R	RANC	R	JASH	R	AMBI	R	MEAN	R		
1	P A C - 740	6112	2	7434	1	2194	3	4430	1	5280	4	5102	3	5092	1		
2	DMR SYNTHETIC - 4	5248	4	6163	5	1950	6	2246	5	4747	5	4383	4	4123	5		
CHECKS:																	
3	BIO - 9681	6672	1	6631	3	2841	1	3060	3	5992	1	4338	5	4922	2		
4	PRO - 311	4627	5	6268	4	1965	5	3193	2	5593	2	5331	2	4496	4		
5	PARBHAT	5601	3	5919	6	2420	2	2222	6	4275	6	3916	6	4059	6		
6	SEEDTEC - 2324	4624	6	6988	2	2179	4	2762	4	5391	3	5473	1	4570	3		
	MEAN YIELD=	5481		6567		2258		2986		5213		4757		4544			
	MEAN STAND	57		66		58		51		60		70		60			
	C.D. AT 5%	759		561		489		853		137		1009		635			
	C.V. %	9.29		5.72		12.06		15.90		1.76		14.22		-			
	F (Prob)	.000		.000		.894		.000		.000		.001		-			
	PLOT SIZE=	9.60		9.60		12.00		11.20		9.60		12.00		-			
AGRONOMY DATA:																	
	SOWING DATE (2007)	8-07		29-06		12-07		27-07		10-07		7-07		-			
	HARVEST DATE (2007)	19-10		1-10		-		14-11		4-11		-		-			
	IRRIGATION Nos	-		2		-		-		-		-		-			
	FERTILIZER APPLIED N	150		120		150		100		120		120		-			
	P	75		60		75		60		60		60		-			
	K	60		40		50		40		60		40		-			

TABLE NO. 9 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD % SUPERIORITY OVER THE PRO - 311														
		ZN 3							BANG							ZN 4
		AMBI	MEAN	HYDE	KARI	ARBH	ADVA	MAND	COIM	KOLH	MEAN	OV'L	MEAN			
1	P A C - 740	-	13.25	4.78	-	8.19	-	10.54	22.95	-	23.39	-	4.33	-	9.12	-
2	DMR SYNTHETIC - 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHECKS:																
3	BIO - 9681	-	9.47	-	-	8.00	3.62	4.85	9.90	11.04	-	-	-	-	1.01	-
4	PRO - 311	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	PARBHAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	SEEDTEC - 2324	2.67	1.63	-	4.25	17.14	20.12	1.77	18.76	16.19	10.16	-	10.16	-	6.17	-

Sl No	PEDIGREE	GRAIN YIELD % SUPERIORITY OVER THE PARBHAT															
		ZN 2							GORA							ZN 4	
		DELH	ADVA	ALIG	DMRD	LUDH	KARN	PANT	KANP	MEAN	ADVA	MAND	COIM	KOLH	MEAN	OV'L	MEAN
1	P A C - 740	27.98	25.20	54.63	26.91	0.52	-	21.82	9.13	25.59	-	99.41	23.51	-	1.07	11.03	-
2	DMR SYNTHETIC - 4	30.38	9.47	0.43	6.56	-	-	2.94	-	4.11	-	-	-	-	-	-	-
CHECKS:																	
3	BIO - 9681	-	14.01	-	34.88	-	-	3.02	19.13	12.02	17.37	37.75	40.16	-	-	-	-
4	PRO - 311	-	15.26	12.13	28.79	0.41	-	7.41	-	5.90	-	43.73	30.83	-	-	-	-
5	PARBHAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	SEEDTEC - 2324	-	31.17	21.54	13.56	0.83	-	11.12	-	18.05	-	24.34	26.11	-	-	-	-

Sl No	PEDIGREE	GRAIN YIELD % SUPERIORITY OVER THE PARBHAT														
		ZN 3							BANG							ZN 4
		AMBI	MEAN	HYDE	KARI	ARBH	ADVA	MAND	COIM	KOLH	MEAN	OV'L	MEAN			
1	P A C - 740	30.28	25.46	25.91	-	38.78	14.92	52.35	48.62	9.27	28.28	25.54	-	-	-	-
2	DMR SYNTHETIC - 4	11.92	1.57	7.94	-	5.38	5.45	3.66	11.90	38.19	5.48	3.72	-	-	-	-
CHECKS:																
3	BIO - 9681	10.77	21.27	8.91	-	38.54	28.92	44.51	32.84	24.35	22.94	16.22	-	-	-	-
4	PRO - 311	36.14	10.78	20.16	12.90	28.27	24.41	37.82	20.88	11.99	22.95	15.05	-	-	-	-
5	PARBHAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	SEEDTEC - 2324	39.77	12.58	5.15	17.70	50.25	49.44	40.26	43.55	30.12	35.45	22.15	-	-	-	-

TABLE NO. 9 (CONT.)

S1 NO PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE SEEDTEC - 2324													
	DELH	ADVA	DMRD	ALIG	LODH	KARN	PANT	KANP	MAN	BELI	VARA	DHOL	RANC	JASH
1 P A C - 740	31.36	-	27.22	11.76	-	-	-	-	9.63	32.19	6.38	0.70	60.38	-
2 DMR SYNTHETIC - 4	33.82	-	-	-	-	-	-	-	-	13.51	-	-	-	-
CHECKS:														
3 BIO - 9681	-	-	-	18.78	-	-	-	-	-	44.31	-	30.35	10.79	11.15
4 PRO - 311	-	-	-	13.41	-	-	-	-	-	0.07	-	-	15.60	3.74
5 PARBHAT	2.64	-	-	-	-	-	2.95	-	-	21.13	-	11.06	-	-
6 SEEDTEC - 2324	-	-	-	-	-	-	-	-	-	-	-	-	-	-

S1 NO PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE SEEDTEC - 2324												
	AMBI	ZN 3 MEAN	HYDE	KARI	ARBH	ADVA	MAND	COIM	KOLH	ZN 4 MEAN	OV'L MEAN		
1 P A C - 740	-	11.43	19.74	-	-	-	8.62	3.53	-	-	2.78		
2 DMR SYNTHETIC - 4	-	-	2.65	-	-	-	-	-	6.20	-	-		
CHECKS:													
3 BIO - 9681	-	7.72	3.57	-	-	-	3.03	-	-	-	-		
4 PRO - 311	-	-	14.28	-	-	-	-	-	-	-	-		
5 PARBHAT	-	-	-	-	-	-	-	-	-	-	-		
6 SEEDTEC - 2324	-	-	-	-	-	-	-	-	-	-	-		

S1 NO PEDIGREE	DAYS TO 50% POLLEN SHED															
	DELH	ADVA	DMRD	ALIG	LODH	KARN	PANT	KANP	MAN	BELI	VARA	DHOL	RANC	JASH	AMBI	ZN 3 MEAN
1 P A C - 740	59.0	55.3	53.3	50.3	57.0	58.0	55.5	56.0	53.2	56.3	53.8	60.0	58.7	55.3	51.3	56.4
2 DMR SYNTHETIC - 4	57.7	50.3	51.0	48.7	55.5	56.0	53.2	56.3	51.8	57.0	56.0	57.0	56.0	53.3	49.5	54.0
CHECKS:																
3 BIO - 9681	57.7	50.7	50.8	48.7	54.3	55.7	52.9	57.0	57.0	51.8	58.0	55.7	51.8	49.5	53.9	-
4 PRO - 311	59.7	53.0	51.5	51.3	56.5	60.0	55.3	62.3	53.8	60.3	59.7	53.8	52.3	57.0	-	-
5 PARBHAT	59.3	53.7	54.5	51.0	56.5	53.0	54.7	58.3	53.5	60.7	57.7	55.5	50.0	55.9	-	-
6 SEEDTEC - 2324	60.3	56.0	54.0	51.3	57.3	58.0	56.2	59.8	52.3	60.3	58.7	53.5	50.8	55.9	-	-
MEAN LOCATION																
C.D. AT 5%	2.3	2.0	1.2	1.3	2.6	0.4	1.7	0.9	1.8	2.6	2.9	2.1	1.2	1.9	-	-
C.V. %	2.2	2.1	1.5	1.4	3.1	0.4	-	1.0	2.3	2.4	2.8	2.6	1.5	-	-	-
F (Prob)	.145	.000	.000	.002	.198	.000	-	.000	.067	.050	.064	.017	.001	-	-	-

TABLE NO. 9 (CONT.)

Sl No	PEDIGREE	DAYS TO 50% POLLEN SHED					DAYS TO 50% SILKING					ZN 4 MEAN	OV'L MEAN	ZN 2 MEAN		
		HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	OV'L MEAN	DMRD	DELH				ADVA	ALIG
1	P A C - 740	52.5	50.3	60.5	57.3	56.3	59.5	56.1	56.0	61.3	57.7	55.3	52.0	62.5	63.0	58.6
2	DNR SYNTHETIC - 4	51.8	46.5	56.3	54.3	53.0	59.3	53.3	53.5	60.3	53.0	52.3	50.0	58.8	61.0	55.9
CHECKS:																
3	BIO - 9681	51.8	46.3	55.0	54.3	51.8	60.3	53.4	53.4	61.3	53.7	51.8	51.3	59.0	60.7	56.3
4	PRO - 311	51.8	49.0	58.0	56.3	56.0	55.8	55.0	55.7	61.7	55.7	53.0	53.7	61.3	65.0	58.4
5	PARBHAT	54.3	48.8	59.0	57.3	55.3	57.5	55.5	55.4	62.3	56.7	57.3	54.0	63.0	58.0	58.5
6	SEEDTEC - 2324	51.8	49.5	57.8	56.7	55.3	58.5	55.0	55.6	65.3	58.7	56.0	55.0	62.0	63.7	60.1
MEAN LOCATION																
	C.D. AT 5%	1.9	0.9	1.2	1.1	2.3	1.2	1.5	-	1.7	2.5	1.6	1.7	2.9	0.6	1.8
	C.V. %	2.4	1.3	1.4	1.1	2.8	1.5	2.0	-	1.5	2.5	1.9	1.7	3.2	0.6	-
	F (Prob)	.078	.000	.000	.000	.004	.000	.041	-	.001	.003	.000	.000	.028	.000	-

Sl No	PEDIGREE	DAYS TO 50% SILKING					BANG					ZN 4 MEAN	OV'L MEAN				
		BELL	VARA	DHOL	RANC	JASH	AMBI	MEAN	HYDE	KARI	ARBH			ADVA	MAND	COIM	KOLH
1	P A C - 740	61.3	57.8	62.3	62.3	58.0	53.8	59.2	54.5	51.8	61.0	58.7	58.0	58.5	60.5	57.6	58.4
2	DNR SYNTHETIC - 4	58.5	55.8	59.7	59.7	56.0	52.5	57.0	55.3	49.5	57.5	55.3	53.8	55.0	60.3	55.2	56.0
CHECKS:																	
3	BIO - 9681	59.0	56.5	60.7	59.3	55.0	52.5	57.2	55.3	48.0	55.8	56.0	53.3	56.8	61.3	55.2	56.2
4	PRO - 311	64.3	58.3	62.3	63.3	56.5	55.3	60.0	54.5	50.3	58.3	56.7	57.8	57.8	59.0	56.3	58.1
5	PARBHAT	60.5	58.8	63.7	61.3	59.0	52.8	59.3	55.3	50.8	62.3	58.7	57.5	58.5	58.5	57.3	58.4
6	SEEDTEC - 2324	62.0	57.0	62.7	62.3	56.0	53.5	58.9	53.8	50.5	58.8	56.7	57.0	57.8	59.5	56.3	58.3
MEAN LOCATION																	
	C.D. AT 5%	1.0	2.2	1.9	2.5	1.8	1.2	1.8	2.7	1.1	1.2	2.2	2.6	1.2	1.7	1.8	
	C.V. %	1.0	2.5	1.7	2.2	2.1	1.5	-	3.3	1.5	1.4	2.1	3.1	1.4	1.9	-	
	F (Prob)	.000	.089	.010	.027	.003	.001	-	.793	.000	.000	.034	.003	.000	.028	.000	

TABLE NO. 9 (CONT.)

S1 No	PEDIGREE	DAYS TO 75% DRY HUSK										ZN 2 MEAN	ZN 3 MEAN	
		ADVA	ALIG	LUDH	KARN	PANT	KANP	BELI	GORA	VARA	DHOL			RANC
1	P A C - 740	87.7	92.5	86.7	91.5	95.0	90.7	86.8	90.8	84.0	109.0	96.0	70.3	89.5
2	DMR SYNTHETIC - 4	88.0	91.3	85.0	90.3	94.0	89.7	84.8	88.5	83.7	108.0	97.3	90.8	92.2
CHECKS:														
3	BIO - 9681	86.3	88.5	84.7	92.0	98.0	89.9	85.5	89.3	84.0	107.3	95.8	89.3	91.8
4	PRO - 311	88.0	89.3	90.3	92.5	97.0	91.4	93.5	89.3	86.0	109.0	95.0	88.3	93.5
5	PARBHAT	88.0	92.0	82.3	93.8	96.0	90.4	91.5	90.5	86.3	108.7	95.0	91.8	94.0
6	SEEDTEC - 2324	89.7	92.5	89.3	93.3	92.7	91.5	90.8	89.3	85.7	109.0	95.8	91.3	93.6
MEAN LOCATION														
	C.D. AT 5% =	2.5	1.0	8.6	2.8	0.4	3.0	3.2	1.6	3.2	0.9	2.7	25.0	6.1
	C.V. % =	1.5	0.7	5.5	2.0	0.2	-	2.4	1.2	2.1	0.4	1.9	19.0	-
	F (Prob)	.189	.000	.365	.164	.000	-	.000	.074	.333	.007	.533	.452	-

S1 No	PEDIGREE	DAYS TO 75% DRY HUSK										MOISTURE % AT HARVEST						ZN 2 MEAN
		HYDE	KARI	ARBH	ADVA	MAND	COIM	KOLH	ZN 4 MEAN	OV'L MEAN	DELH	ADVA	DMRD	ALIG	LUDH	KARN	PANT	
1	P A C - 740	92.8	84.3	98.0	101.3	99.8	103.5	97.5	96.7	92.6	31.5	26.1	25.8	32.0	33.6	29.8		
2	DMR SYNTHETIC - 4	92.0	84.0	98.0	98.0	99.0	100.0	97.3	95.5	92.8	27.8	23.9	25.3	31.7	33.7	28.5		
CHECKS:																		
3	BIO - 9681	92.3	85.0	98.3	96.0	99.0	101.8	98.3	95.8	92.8	30.3	23.5	22.4	30.8	31.5	27.7		
4	PRO - 311	91.8	82.5	98.0	100.0	99.5	102.8	96.0	95.8	93.8	24.0	26.7	25.0	29.3	30.4	27.1		
5	PARBHAT	92.3	84.0	98.0	98.0	99.0	103.5	95.5	95.8	93.7	30.7	24.8	28.2	30.0	33.6	29.5		
6	SEEDTEC - 2324	93.3	84.5	98.5	99.3	98.0	102.8	96.5	96.1	94.0	35.0	25.7	26.7	32.2	33.6	30.6		
MEAN LOCATION																		
	C.D. AT 5% =	1.6	1.2	0.5	5.2	1.8	1.2	1.7	1.9	-	5.3	1.8	1.7	0.0	1.3	2.0		
	C.V. % =	1.2	1.0	0.3	2.9	1.2	0.8	1.2	-	-	9.8	4.0	4.3	0.0	2.6	-		
	F (Prob)	.441	.011	.216	.358	.426	.000	.041	-	-	.018	.017	.000	-	.000	-		

TABLE NO. 9 (CONT.)

SI	MOISTURE & AT HARVEST												ZN 4	OV'L		
	GORA															
No PEDIGREE	BELI	VARA	DHOL	RANC	JASH	AMBI	MEAN	HYDE	KARI	ARBH	ADVA	MAND	COIM	KOLH	MEAN	
1 P A C - 740	25.6	29.8	28.1	23.1	19.7	14.3	23.4	23.0	8.4	33.3	17.2	14.6	21.5	12.1	18.6	23.3
2 DMR SYNTHETIC - 4	22.0	30.1	27.6	21.3	19.3	14.2	22.4	23.3	6.5	31.0	17.9	15.0	20.4	11.7	18.0	22.4
CHECKS:																
3 BIO - 9681	23.4	29.0	22.8	20.4	19.3	14.6	21.6	17.5	9.0	27.2	17.5	15.4	17.0	10.6	16.3	21.2
4 PRO - 311	26.6	34.3	38.5	22.2	20.8	14.0	26.1	22.8	8.1	31.9	18.0	14.9	20.5	9.6	18.0	23.2
5 PARBHAT	24.9	33.3	27.2	22.2	19.5	14.4	23.6	23.2	7.8	31.9	17.9	15.9	19.1	11.3	18.1	23.1
6 SEEDTEC - 2324	25.9	31.7	31.1	23.0	18.8	14.1	24.1	30.1	7.1	32.7	18.6	15.6	22.1	9.6	19.4	24.1
MEAN LOCATION	24.7	31.4	29.2	22.0	19.5	14.3	23.5	23.3	7.8	31.3	17.9	15.3	20.1	10.8	18.1	22.9
C.D. AT 5%	0.9	0.4	0.0	0.0	0.1	0.3	0.3	1.4	0.5	2.2	1.8	1.0	0.4	1.2	1.2	-
C.V. %	2.4	0.9	0.0	0.0	0.5	1.5	-	4.0	4.3	4.7	5.7	4.2	1.3	7.5	-	-
F (Prob)	.000	.000	-	-	.000	.026	-	.000	.000	.001	.698	.138	.000	.001	-	-

SI	PLANT HEIGHT (cm)												ZN 3			
	GORA															
No PEDIGREE	DELH	ADVA	DMRD	ALIG	LUDH	KARN	FANT	KANP	MEAN	BELI	VARA	DHOL	RANC	JASH	AMBI	MEAN
1 P A C - 740	168	240	173	215	189	170	191	187	198	146	200	155	233	175	243	192
2 DMR SYNTHETIC - 4	173	215	189	189	170	170	191	153	182	134	200	144	207	149	228	177
CHECKS:																
3 BIO - 9681	174	235	206	206	173	185	196	200	200	139	195	156	234	170	250	191
4 PRO - 311	153	215	184	170	170	183	191	183	183	121	173	135	239	167	240	179
5 PARBHAT	182	240	204	204	190	220	200	173	202	141	170	167	232	188	266	194
6 SEEDTEC - 2324	158	222	184	165	165	200	200	186	186	134	188	145	220	170	235	182
MEAN LOCATION	168	228	197	176	176	200	200	182	192	136	188	150	228	170	244	186
C.D. AT 5%	15.7	19.9	21.0	19.9	23.6	8.3	18.1	13.5	6.4	16.0	26.0	8.7	21.5	15.3	-	-
C.V. %	5.1	4.8	7.1	6.2	7.8	2.5	-	6.6	2.2	5.9	6.3	3.4	5.9	-	-	-
F (Prob)	.019	.041	.029	.113	.053	.000	-	.020	.000	.017	.161	.000	.031	-	-	-

TABLE NO. 9 (CONT.)

SI NO PEDIGREE	PLANT HEIGHT (cm)					EAR HEIGHT (cm)					ZN 2					
	HIDE	KARI	ARSH	BANG ADVA	MAND	COIM	KOLH	ZN 4 MEAN	OV'L MEAN	DMFD	ALIG	LUOH	KARN	PANT	KAMP	MEAN
1 P A C - 740	198	156	187	213	200	205	184	192	194	81	98	108	97	73	80	89
2 DMR SYNTHETIC - 4	190	156	159	180	183	186	176	176	178	88	93	94	90	68	76	85
CHECKS:																
3 BIO - 9681	196	171	193	198	198	202	169	189	193	85	87	93	87	68	95	86
4 PRO - 311	200	157	173	208	195	187	193	188	183	86	98	109	87	73	83	89
5 PARBHAT	206	186	185	217	207	190	186	197	197	85	102	100	110	83	74	92
6 SEEDTEC - 2324	184	163	183	193	187	180	185	182	183	88	97	93	85	75	82	86
MEAN LOCATION	196	165	180	202	195	192	182	187	188	86	96	99	93	73	82	88
C.D. AT 5%	15.2	7.0	6.7	14.5	10.2	11.0	27.2	13.1	-	10.6	14.7	16.2	16.2	10.0	7.1	12.5
C.V. %	5.2	2.8	2.5	3.9	3.5	3.8	9.9	-	-	6.8	8.4	10.9	9.6	9.1	4.8	-
F (Prob)	.084	.000	.000	.002	.001	.002	.531	-	-	.742	.349	.148	.046	.055	.001	-

SI NO PEDIGREE	EAR HEIGHT (cm)					ZN 3					ZN 4		OV'L			
	BELI	VARA	DHOL	RANC	JASH	AMBI	MEAN	HIDE	KARI	ARBH	ADVA	MAND	COIM	KOLH	MEAN	
1 P A C - 740	52	90	68	122	75	65	82	85	72	94	98	116	110	73	92	88
2 DMR SYNTHETIC - 4	55	100	71	101	69	87	80	86	68	84	106	89	96	70	85	84
CHECKS:																
3 BIO - 9681	50	85	70	107	71	62	77	74	72	89	102	107	98	80	89	84
4 PRO - 311	44	90	66	139	84	85	85	89	70	92	105	111	106	91	95	90
5 PARBHAT	60	88	87	128	85	96	91	84	94	93	102	124	108	85	98	94
6 SEEDTEC - 2324	60	103	74	130	84	93	90	74	77	100	102	103	102	79	91	89
MEAN LOCATION	53	93	73	121	78	88	84	82	75	92	102	109	103	80	92	88
C.D. AT 5%	10.3	5.0	10.7	19.1	7.1	12.6	10.8	15.0	10.4	7.8	19.1	12.8	10.4	18.2	13.4	-
C.V. %	12.9	3.6	8.1	8.7	6.1	9.5	-	12.2	9.1	5.6	10.2	7.8	6.7	15.2	-	-
F (Prob)	.034	.000	.017	.010	.000	.207	-	.194	.001	.013	.952	.001	.077	.198	-	-

TABLE NO. 9 (CONT.)

Sl No	PEDIGREE	GRAIN SHELLING %										ZN 3 MEAN	
		ADVA	ALIG	LUDH	KARN	PANT	KANP	ZN 2 MEAN	GORA	BELI	VARA		RANC
1	P A C - 740	71.9	83.3	80.0	85.2	72.5	78.6	77.4	77.0	85.7	77.9	79.0	79.4
2	DMR SYNTHETIC - 4	77.6	84.1	86.5	84.9	70.0	80.6	72.8	74.3	75.0	79.0	78.0	75.8
	CHECKS:												
3	BIO - 9681	76.2	83.1	88.6	79.7	67.5	79.0	76.5	75.3	80.0	76.7	81.5	78.0
4	PRO - 311	73.7	81.7	85.7	81.0	68.0	78.0	74.9	76.8	77.5	77.9	84.0	78.2
5	PARBHAT	73.4	80.9	83.0	81.8	72.5	78.3	75.6	74.3	80.0	78.2	81.0	77.8
6	SEEDTEC - 2324	74.9	82.9	85.3	84.4	67.5	79.0	74.7	75.0	75.0	79.3	80.5	76.9
	MEAN LOCATION	74.6	82.7	84.9	82.8	69.7	78.9	75.3	75.4	78.9	78.2	80.7	77.7
	C.D. AT 5% =	1.5	0.0	0.0	1.1	2.9	1.1	1.8	1.1	0.0	0.8	3.3	1.4
	C.V. % =	1.1	0.0	0.0	0.9	2.3	-	1.6	0.9	0.0	0.6	2.7	-
	F (Prob)	.000	-	-	.000	.006	-	.001	.000	-	.000	.025	-

Sl No	PEDIGREE	GRAIN SHELLING %										ZN 4 OV'L MEAN
		HYDE	KARI	ARBH	ADVA	MAND	COIM	KOLH	ZN 4 MEAN	OV'L MEAN		
1	P A C - 740	75.0	75.2	79.7	77.3	81.7	74.8	84.8	84.8	80.7	79.2	
2	DMR SYNTHETIC - 4	73.5	81.1	83.7	81.1	80.9	80.9	83.8	83.8	80.7	79.2	
	CHECKS:											
3	BIO - 9681	72.8	80.9	84.4	82.1	82.0	80.8	81.6	80.6	80.6	79.4	
4	PRO - 311	72.5	75.9	81.9	81.3	80.1	76.8	79.9	78.3	78.3	78.2	
5	PARBHAT	73.8	78.3	83.2	78.2	78.2	71.8	82.0	77.9	78.0	78.0	
6	SEEDTEC - 2324	76.3	77.9	84.0	81.4	70.7	77.6	83.6	78.8	78.3	78.3	
	MEAN LOCATION	74.0	78.2	82.8	80.2	79.0	77.1	82.6	79.1	78.6	78.6	
	C.D. AT 5% =	1.5	1.5	0.6	2.5	5.3	0.1	1.8	1.9	-	-	
	C.V. % =	1.4	1.3	0.4	1.7	4.5	0.1	1.4	-	-	-	
	F (Prob)	.001	.000	.000	.006	.003	.000	.000	.000	-	-	

TABLE NO. 9 (CONT.)

Sl No	PEDIGREE	STAND AT HARVEST											
		DELH	ADVA	DMRD	ALIG	LUDH	KARN	PANT	KANP	BELI	VARA	DHOL	RANC
1	P A C - 740	73	33	77	62	76	71	61	64	59	55	59	60
2	DMR SYNTHETIC - 4	72	45	77	65	76	71	51	69	61	49	60	
CHECKS:													
3	BIO - 9681	70	42	78	59	73	70	63	65	52	48	60	
4	PRO - 311	70	41	82	61	74	68	52	67	66	51	60	
5	PARBHAT	69	33	75	62	74	73	58	67	52	51	59	
6	SEEDTEC - 2324	69	38	76	59	74	71	58	64	59	50	61	
MEAN LOCATION													
	C.D. AT 5%	1.3	9.9	3.8	4.3	3.0	2.3	2.6	5.1	12.4	2.8	3.9	
	C.V. %	1.0	14.2	3.2	3.8	2.7	1.8	3.1	5.1	11.7	3.0	4.3	
	F (Prob)	.000	.099	.045	.073	.296	.017	.000	.265	.193	.003	.945	

No	PEDIGREE	STAND AT HARVEST										OV'L MEAN	
		AMBI	HYDE	KARI	ARBH	ADVA	MAND	COIM	KOLH				
1	P A C - 740	67	69	59	63	47	63	55	94	63	63	63	
2	DMR SYNTHETIC - 4	63	71	51	60	48	64	54	94	63	63	63	
CHECKS:													
3	BIO - 9681	72	66	68	58	49	65	45	94	63	63	63	
4	PRO - 311	74	67	65	64	50	65	62	91	65	65	65	
5	PARBHAT	71	66	65	53	49	63	49	89	62	62	62	
6	SEEDTEC - 2324	70	68	66	65	49	64	54	88	63	63	63	
MEAN LOCATION													
	C.D. AT 5%	3.7	6.7	6.6	7.5	4.8	4.0	9.1	13.4	-	-	-	
	C.V. %	3.5	6.6	7.0	8.3	5.4	4.2	11.4	9.7	-	-	-	
	F (Prob)	.000	.673	.001	.031	.712	.812	.032	.843	-	-	-	

TABLE NO. 10

PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS AT BAJAURA, KANGRA, SARAPANI MEGHALAYA, DMRD DELHI, BELIPAR GOPAKPUR, VARANASI, BANGHI, JASHIPUR, AMBINAIPUR IN AET 1st YEAR, TRIAL NO. TR66213 DURING KHARIF (2007).

Sl	No PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												OV'L																
		MECH			ZN 1			DELH			GORA																			
		BAJA	R	KANG	R	BARA	R	BARA	R	MEAN	R	DMRD	R	BELI	R	VARA	R	RANC	R	JASH	R	AMBI	R	ZN 3	MEAN	R	MEAN	R		
1	E H - 1753 (RETEST)	8226	2	5710	4	2237	3	5391	2	4040	1	3123	3	6729	2	6336	2	4620	5	7420	2	5646	2	5382	2					
2	E H - 1491 (RETEST)	6482	4	6161	1	2253	1	4966	3	3157	5	2910	4	6698	3	4760	5	3152	2	6209	3	5146	3	4865	3					
3	E H - 1561 (RETEST)	6171	5	6001	2	2013	5	4728	5	3361	4	2898	5	5506	5	5477	3	4876	4	5105	4	4772	4	4601	5					
CHECKS:																														
4	BIO- 9637	8587	1	5747	3	2230	4	5521	1	3912	3	3407	1	7795	1	8287	1	5663	1	7686	1	6568	1	5924	1					
5	NAVJOT	6500	3	5593	5	2252	2	4815	4	3931	2	3192	2	5644	4	4968	4	5044	3	4997	5	4769	5	4691	4					
MEAN YIELD=		7213		5843		2197		5084		3680		3106		6475		5966		5071		6283		5380		5093						
MEAN STAND		71		50		40		54		69		57		64		56		60		69		61		60						
C.D. AT 5%		652		1802		191		881		700		245		501		487		129		1357		544		674						
C.V. %		5.96		16.70		4.70		10.30		10.30		5.20		5.11		5.38		1.68		14.24		-		-						
F (Prob)		.000		.984		.272		.043		.000		.000		.000		.000		.000		14.24		-		-						
PLOT SIZE=		9.60		7.20		12.00		-		12.00		9.60		9.60		9.60		9.60		12.00		-		-						
AGRONOMY DATA:																														
SOWING DATE (2007)		22-06		26-06		-		-		30-06		8-07		25-06		22-06		10-07		26-06		-		-						
HARVEST DATE (2007)		1-10		28-09		-		-		10-10		18-10		3-10		9-10		1-11		-		-		-						
IRRIGATION NOS		2		-		-		-		1		-		2		-		-		-		-		-						
FERTILIZER APPLIED N		120		120		-		-		120		150		100		100		120		100		-		-						
P		60		60		-		-		60		75		40		60		60		60		-		-						
K		40		40		-		-		40		60		40		40		60		40		-		-						

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : DHOL 26.5%

Sl	No PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE BIO- 9637												ZN 3	OV'L														
		MECH			ZN 1			DELH			GORA																		
		BAJA	R	KANG	R	BARA	R	BARA	R	MEAN	R	DMRD	R	BELI	R	VARA	R	RANC	R	JASH	R	AMBI	R	ZN 3	MEAN	R	MEAN	R	
1	E H - 1753 (RETEST)	-		-		0.32		-		-		3.28		-		-		-		-		-		-					
2	E H - 1491 (RETEST)	-		7.21		1.06		-		-		-		-		-		-		-		-		-					
3	E H - 1561 (RETEST)	-		4.42		-		-		-		-		-		-		-		-		-		-					
CHECKS:																													
4	BIO- 9637	-		-		-		-		-		-		-		-		-		-		-		-					
5	NAVJOT	-		-		0.99		-		-		0.48		-		-		-		-		-		-					

TABLE NO. 10 (CONT.)

GRAIN YIELD & SUPERIORITY OVER THE NAVJOT

S1 NO PEDIGREE	MEGH			ZN 1			DELH			GORA			ZN 3		
	BAJA	KANG	BARA	MEAN	DMRD	BELI	VARA	RANC	JASH	AMBI	MEAN	OV'L			
1 E H - 1753 (RETEST)	24.64	2.08	-	11.96	2.78	-	19.24	27.56	-	48.49	18.39	14.74			
2 E H - 1491 (RETEST)	-	10.16	0.07	3.13	-	-	18.68	-	2.13	24.26	7.91	3.70			
3 E H - 1561 (RETEST)	-	7.29	-	-	-	-	-	10.25	-	2.17	0.08	-			
CHECKS:															
4 BIO- 9637	30.11	2.75	-	14.67	-	6.74	38.12	66.82	12.26	53.82	37.72	26.28			
5 NAVJOT	-	-	-	-	-	-	-	-	-	-	-	-			

DAYS TO 50% POLLEN SHED

S1 NO PEDIGREE	MEGH			ZN 1			DELH			GORA			ZN 3		
	BAJA	KANG	BARA	MEAN	DMRD	BELI	VARA	RANC	JASH	AMBI	MEAN	OV'L			
1 E H - 1753 (RETEST)	58.8	52.0	54.0	54.9	55.3	57.3	50.5	49.5	47.8	47.8	50.5	52.5			
2 E H - 1491 (RETEST)	60.0	52.0	53.0	55.0	56.7	58.8	48.8	51.0	51.0	47.8	51.5	53.2			
3 E H - 1561 (RETEST)	61.3	51.3	53.0	55.2	54.0	59.5	49.3	49.8	49.0	47.8	51.0	52.8			
CHECKS:															
4 BIO- 9637	62.5	50.3	55.7	56.2	57.3	58.3	51.0	51.3	48.8	49.0	51.7	53.8			
5 NAVJOT	57.8	50.3	52.0	53.4	52.0	55.3	47.8	49.5	45.0	46.5	48.8	50.7			
MEAN LOCATION	60.0	51.2	53.5	54.9	55.1	57.8	49.5	50.2	48.3	47.8	50.7	52.6			
C.D. AT 5%	2.6	3.1	0.5	2.1	3.5	0.7	0.9	1.8	1.5	1.0	1.2	-			
C.V. %	2.9	3.2	0.5	-	3.4	0.8	1.2	2.3	2.0	1.3	-	-			
F (Prob)	.014	.570	.000	-	.047	.000	.000	.123	.000	.002	-	-			

DAYS TO 50% SILKING

S1 NO PEDIGREE	MEGH			ZN 1			DELH			GORA			ZN 3		
	BAJA	KANG	BARA	MEAN	DMRD	BELI	VARA	RANC	JASH	AMBI	MEAN	OV'L			
1 E H - 1753 (RETEST)	61.5	55.0	57.3	57.9	58.7	59.5	54.0	54.0	50.8	50.5	53.8	55.7			
2 E H - 1491 (RETEST)	62.0	54.7	56.7	57.8	61.0	61.0	55.8	54.8	54.8	50.5	55.3	56.8			
3 E H - 1561 (RETEST)	63.8	54.3	57.3	58.5	58.3	61.8	56.0	54.3	52.0	50.5	54.9	56.5			
CHECKS:															
4 BIO- 9637	64.8	53.0	59.3	59.0	59.0	60.3	56.5	55.5	52.5	51.8	55.3	57.0			
5 NAVJOT	60.3	53.0	55.0	56.1	53.7	57.3	53.8	53.8	48.3	49.3	52.5	53.8			
MEAN LOCATION	62.5	54.0	57.1	57.9	58.1	60.0	55.2	54.5	51.7	50.5	54.3	55.9			
C.D. AT 5%	2.6	3.7	0.8	2.4	4.6	1.2	0.9	1.5	1.8	1.4	1.4	-			
C.V. %	2.7	3.6	0.7	-	4.2	1.2	1.1	1.8	2.3	1.8	-	-			
F (Prob)	.019	.619	.000	-	.054	.000	.000	.146	.000	.036	-	-			

TABLE NO. 10 (CONT.)

SI	NO PEDIGREE	DAYS TO 75% DRY HUSK										ZN 3		OV'L			
		BAJA	KANG	BARA	MEGH	ZN 1	GORA	BELI	VARA	RANC	JASH	AMBI	MEAN	MEAN	MEAN	MEAN	
1	E H - 1753 (RETEST)	94.5	87.0	103.0	94.8	85.5	87.0	102.0	88.0	90.8	90.8	90.7	92.2				
2	E H - 1491 (RETEST)	95.3	86.7	101.7	94.5	79.5	85.8	103.0	89.3	68.3	85.2	88.7					
3	E H - 1561 (RETEST)	95.8	86.7	99.7	94.0	87.5	88.0	104.0	90.5	92.0	92.4	93.0					
	CHECKS:																
4	BIO- 9637	95.3	86.7	101.7	94.5	85.8	89.5	103.0	89.0	91.0	91.7	92.7					
5	NAVJOT	93.8	86.0	99.3	93.0	84.0	86.8	101.0	85.8	90.3	89.6	90.9					
	MEAN LOCATION	94.9	86.6	101.1	94.2	84.4	87.4	102.6	88.5	86.4	89.9	91.5					
	C.D. AT 5%	2.2	2.9	0.9	2.0	1.0	1.8	0.0	2.5	27.6	6.6	-					
	C.V. %	1.5	1.8	0.5	-	0.7	1.3	0.0	1.8	20.7	-	-					
	F (Prob)	.347	.951	.000	-	.000	.006	-	.014	.325	-	-					

MOISTURE % AT HARVEST

SI	NO PEDIGREE	MOISTURE % AT HARVEST										ZN 3		OV'L			
		BAJA	KANG	BARA	MEGH	ZN 1	DELH	GORA	BELI	VARA	RANC	JASH	AMBI	MEAN	MEAN	MEAN	MEAN
1	E H - 1753 (RETEST)	19.5	22.7	22.0	21.4	27.0	23.3	28.1	20.1	19.3	14.0	21.0	21.8				
2	E H - 1491 (RETEST)	21.7	22.1	22.3	22.0	31.4	19.9	27.7	20.6	19.7	14.1	20.4	22.1				
3	E H - 1561 (RETEST)	22.6	22.0	24.0	22.9	29.5	25.2	29.0	20.2	18.7	14.8	21.6	22.9				
	CHECKS:																
4	BIO- 9637	20.5	23.2	24.7	22.8	32.7	23.9	28.8	20.5	19.5	14.4	21.4	23.1				
5	NAVJOT	20.8	20.4	24.3	21.8	24.0	22.0	25.8	20.7	19.6	15.0	20.6	21.4				
	MEAN LOCATION	21.0	22.1	23.5	22.2	28.9	22.9	27.9	20.4	19.4	14.4	21.0	22.3				
	C.D. AT 5%	1.2	2.9	3.0	2.4	4.4	0.7	0.7	0.5	0.5	0.2	0.5	-				
	C.V. %	3.8	6.9	6.8	-	8.2	1.9	1.6	1.6	1.7	1.0	-	-				
	F (Prob)	.001	.310	.239	-	.012	.000	.000	.119	.005	.000	-	-				

TABLE NO. 10 (CONT.)

SI	No PEDIGREE	PLANT HEIGHT (cm)										ZN 3	OV'L	
		BAJA	KANG	MEGH	BARA	ZN 1	DELH	GORA	VARA	RANC	JASH			AMBI
1	E H - 1753 (RETEST)	219	222	171	171	204	157	111	163	183	186	239	176	183
2	E H - 1491 (RETEST)	200	218	170	170	196	170	114	153	172	172	225	167	177
3	E H - 1561 (RETEST)	188	218	146	143	184	143	113	160	158	148	213	158	165
	CHECKS:													
4	BIO- 9637	218	220	179	189	206	189	127	190	202	186	268	195	199
5	NAVJOT	187	220	194	167	200	167	119	168	174	168	232	172	181
	MEAN LOCATION	202	220	172	165	198	165	117	167	178	172	235	174	181
	C.D. AT 5% =	20.1	22.5	32.7	23.8	25.1	23.8	11.1	4.8	15.6	8.9	16.5	11.4	-
	C.V. % =	6.4	5.5	10.1	7.6	-	7.6	6.2	1.9	5.7	3.3	4.6	-	-
	F (Prob)	.008	.996	.081	.020	-	.020	.052	.000	.001	.000	.000	-	-

SI	No PEDIGREE	EAR HEIGHT (cm)										ZN 3	OV'L	
		BAJA	KANG	MEGH	BARA	ZN 1	DELH	GORA	VARA	RANC	JASH			AMBI
1	E H - 1753 (RETEST)	118	100	85	85	101	79	33	88	89	83	88	76	85
2	E H - 1491 (RETEST)	105	100	78	78	94	89	40	70	82	72	82	69	80
3	E H - 1561 (RETEST)	102	102	80	80	94	69	31	68	77	60	68	60	73
	CHECKS:													
4	BIO- 9637	118	106	94	94	106	92	47	78	101	79	92	79	90
5	NAVJOT	86	133	92	92	103	92	46	70	82	69	83	70	83
	MEAN LOCATION	106	108	86	86	100	84	39	75	86	73	82	71	82
	C.D. AT 5% =	17.9	46.5	26.6	26.6	30.3	13.5	10.3	8.0	17.8	6.1	11.6	10.8	-
	C.V. % =	11.0	22.8	16.5	16.5	-	8.5	17.0	7.0	13.5	5.4	9.2	-	-
	F (Prob)	.011	.479	.606	.018	-	.018	.014	.001	.087	.000	.007	-	-

TABLE NO. 10 (CONT.)

SI	NO PEDIGREE	GRAIN SHELLING %										OV'L MEAN
		BAJA	KANG	MEAN	ZN 1	GORA	BELI	VARA	RANC	JASH	AMBI	
1	E H - 1753 (RETEST)	85.2	81.5	83.4	75.3	79.3	87.5	78.6	87.5	81.6	82.1	
2	E H - 1491 (RETEST)	82.1	82.0	82.0	73.9	77.0	80.0	78.4	83.5	78.6	79.6	
3	E H - 1561 (RETEST)	80.7	82.5	81.6	74.1	75.8	87.5	78.7	82.5	79.7	80.2	
CHECKS:												
4	BIO- 9637	82.9	82.0	82.4	79.3	79.5	87.5	77.7	80.5	80.9	81.3	
5	NAVJOT	79.6	81.0	80.3	73.7	78.3	83.3	78.4	80.5	78.8	79.3	
MEAN LOCATION												
	C.D. AT 5% =	1.3	2.0	1.7	1.3	1.1	0.0	0.8	2.0	1.0	-	
	C.V. % =	1.0	1.3	-	1.2	0.9	0.0	0.6	1.6	-	-	
	F (Prob)	.000	.542	-	.000	.000	-	.113	.000	-	-	

SI	NO PEDIGREE	STAND AT HARVEST										OV'L MEAN
		BAJA	KANG	BARA	MEGH	DELH	GORA	BELI	VARA	RANC	JASH	
1	E H - 1753 (RETEST)	70	50	40	40	70	60	65	61	60	77	61
2	E H - 1491 (RETEST)	73	49	40	40	70	54	66	52	61	69	59
3	E H - 1561 (RETEST)	71	48	39	68	68	53	64	54	59	61	57
CHECKS:												
4	BIO- 9637	72	50	40	40	68	63	63	58	62	71	61
5	NAVJOT	70	51	40	40	71	58	65	54	61	71	60
MEAN LOCATION												
	C.D. AT 5% =	5.7	4.7	4.8	2.7	5.5	3.5	5.1	3.6	3.7	-	-
	C.V. % =	5.2	5.1	6.4	2.1	6.2	3.5	5.9	3.9	3.5	-	-
	F (Prob)	.823	.632	.984	.080	.009	.615	.009	.370	.000	-	-

TABLE NO. 11 (CONT.)

SI NO PEDIGREE	MOISTURE & AT HARVEST				PLANT HEIGHT (cm)				ZN 2		
	DELH	DMRD	LU DH	KARN PANT	ZN 2 MEAN	DELH	DMRD	LU DH	KARN PANT	KARN PANT	MEAN
1 E H - 1753 (RETEST)	29.9	25.0	32.1	20.4	26.8	175	168	173	183	141	168
2 E H - 1491 (RETEST)	32.0	28.5	31.6	20.8	28.2	166	186	173	172	151	170
3 B H - 4062	32.9	26.8	35.5	17.5	28.2	178	218	187	187	182	190
4 B H - 4069	32.7	27.8	34.0	19.6	28.5	181	201	200	200	182	193
CHECKS:											
5 BIO- 9637	31.7	27.6	31.6	20.5	27.9	189	206	180	198	165	188
6 NAVJOT	28.3	23.7	29.6	16.6	24.5	169	194	180	180	149	174
MEAN LOCATION											
C.D. AT 5%	4.1	1.7	0.0	3.6	2.3	19.3	11.8	26.1	19.4	7.4	16.8
C.V. %	7.1	4.1	0.0	10.3	-	6.0	4.0	7.9	5.7	2.5	-
F (Prob)	.164	.000	.000	.114	-	.196	.000	.282	.058	.000	-

SI NO PEDIGREE	EAR HEIGHT (cm)				GRAIN SHELLING %				STAND AT HARVEST				OV'L		
	DELH	DMRD	LU DH	KARN PANT	ZN 2 MEAN	KARN PANT	KARN PANT	KARN PANT	DMRD	LU DH	KARN PANT	KARN PANT	KARN PANT	MEAN	MEAN
1 E H - 1753 (RETEST)	96	84	107	77	65	86	83.3	79.9	65.0	76.1	60	75	55	76	64
2 E H - 1491 (RETEST)	94	89	97	70	71	84	85.1	81.3	72.0	79.5	65	77	55	71	62
3 B H - 4062	93	109	107	80	77	93	79.4	82.9	71.0	77.8	68	77	55	71	63
4 B H - 4069	91	99	103	77	76	89	81.4	84.1	67.0	77.5	67	76	55	70	63
CHECKS:															
5 BIO- 9637	96	109	97	70	73	89	74.7	82.4	73.5	76.9	64	80	55	75	69
6 NAVJOT	89	93	113	70	72	88	82.5	83.6	66.5	77.5	67	75	56	69	66
MEAN LOCATION															
C.D. AT 5%	15.3	15.0	25.2	9.2	4.2	13.8	0.0	1.9	2.0	1.3	3.1	6.1	4.4	7.8	4.1
C.V. %	9.0	10.3	13.3	6.8	3.2	-	0.0	1.3	1.6	-	2.6	5.3	4.3	6.0	3.5
F (Prob)	.904	.012	.666	.122	.001	-	-	.005	.000	-	.003	.616	.999	.356	.024

TABLE NO. 12

PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT HYDERABAD, KARIMNAGAR, ARBHAVI, MANDYA, COIMBATORE, KOLHAPUR IN AET 1st YEAR, TRIAL NO. TR6624 DURING KHARIF (2007).

Sl	No PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												ZN 4	
		HYDE	R	KARI	R	ARBH	R	MAND	R	COIM	R	KOLH	R	MEAN	R
1	E H - 1753 (RETEST)	6676	7	5220	4	5223	6	6725	6	9760	4	3566	8	6195	5
2	E H - 1491 (RETEST)	7303	5	4364	6	5259	5	7248	5	8331	6	3942	4	6074	6
3	E H - 1561 (RETEST)	6794	6	3157	8	5458	4	6604	7	7747	7	4591	1	5725	7
4	B H - 4062	10123	1	7726	1	7593	2	10088	1	11873	2	4325	2	8621	1
5	V - 37	8260	3	5067	5	4947	7	7529	4	9947	3	4099	3	6641	4
6	25 K 60	9227	2	6788	2	8048	1	8593	3	13367	1	3694	6	8286	2
CHECKS:															
7	BIO- 9637	8102	4	6694	3	6955	3	8738	2	9556	5	3852	5	7316	3
8	NAVJOT	5975	8	4331	7	4419	8	6482	8	6744	8	3688	7	5273	8
	MEAN YIELD=	7807		5418		5988		7751		9666		3970		6767	
	MEAN STAND	73		54		47		64		53		73		61	
	C.D. AT 5%=	999		462		1001		817		1796		1133		1035	
	C.V. % =	8.75		5.82		9.60		7.21		12.70		16.41		-	
	F (Prob)	.000		.000		.000		.000		.000		.363		-	
	PLOT SIZE=	12.00		12.00		12.00		11.20		9.60		12.00		-	
AGRONOMY DATA:															
	SOWING DATE(2007)	24-06		16-07		3-08		15-07		28-07		11-07		-	
	HARVEST DATE(2007)	20-10		13-11		13-12		26-11		22-11		26-11		-	
	IRRIGATION Nos	1		6		7		7		9		-		-	
	FERTILIZER APPLIED N	120		120		150		150		135		120		-	
	P	60		60		75		75		63		60		-	
	K	40		40		38		40		50		40		-	

TABLE NO. 12 (CONT.)

S1 No PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE BIO- 9637				GRAIN YIELD & SUPERIORITY OVER THE NAVJOT									
	HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN	HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN
1 E H - 1753 (RETEST)	-	-	-	-	2.13	-	-	11.72	20.53	18.19	3.75	44.73	-	17.48
2 E H - 1491 (RETEST)	-	-	-	-	-	2.35	-	22.22	0.76	19.00	11.81	23.54	6.90	15.20
3 E H - 1561 (RETEST)	-	-	-	-	-	19.21	-	13.69	-	23.51	1.88	14.88	24.51	9.57
4 B H - 4062	24.95	15.42	9.18	15.45	24.25	12.28	17.84	69.41	78.40	71.83	55.63	76.07	17.28	63.50
5 V - 37	1.95	-	-	-	4.09	6.43	-	38.23	17.00	11.95	16.15	47.50	11.16	25.95
6 25 K 60	13.89	1.40	15.71	-	39.88	-	13.26	54.41	56.74	82.11	32.57	98.23	0.18	57.14
CHECKS:														
7 BIO- 9637	-	-	-	-	-	-	-	35.58	54.57	57.38	34.80	41.71	4.45	38.74
8 NAVJOT	-	-	-	-	-	-	-	-	-	-	-	-	-	-

S1 No PEDIGREE	DAYS TO 50% POLLEN SHED				DAYS TO 50% SILKING									
	HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN	HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN
1 E H - 1753 (RETEST)	56.8	47.3	56.0	51.0	52.5	56.7	53.4	59.5	49.5	56.7	53.0	55.0	59.7	55.4
2 E H - 1491 (RETEST)	56.8	48.8	56.0	52.5	54.3	58.0	54.4	59.5	50.3	55.7	54.5	56.3	59.3	55.9
3 E H - 1561 (RETEST)	56.8	48.5	55.7	50.8	52.0	57.7	53.5	60.0	50.0	57.7	53.0	55.0	58.7	55.7
4 B H - 4062	57.8	51.3	60.7	55.0	57.0	59.0	56.8	60.8	52.8	60.3	56.0	59.0	60.0	58.1
5 V - 37	55.5	45.8	55.7	50.5	52.8	56.0	52.7	58.8	48.0	57.0	53.0	55.8	57.3	55.0
6 25 K 60	57.3	49.0	57.3	53.0	55.3	58.7	55.1	60.3	51.0	59.3	54.3	58.0	59.7	57.1
CHECKS:														
7 BIO- 9637	57.5	49.0	57.0	52.8	54.8	58.7	54.9	59.8	50.8	57.7	53.8	57.0	59.7	56.4
8 NAVJOT	56.0	45.5	53.7	49.8	51.0	56.3	52.0	59.3	48.3	55.3	52.0	53.8	57.3	54.3
MEAN LOCATION														
C.D. AT 5%	1.8	1.1	1.2	1.5	1.4	2.9	1.6	1.9	1.5	1.3	1.5	1.3	2.9	1.7
C.V. %	2.2	1.5	1.2	1.9	1.8	2.9	-	2.2	2.0	1.3	1.9	1.5	2.7	-
F (Prob)	.237	.000	.000	.000	.000	.256	-	.519	.000	.000	.001	.000	.323	-

TABLE NO. 2 (CONT.)

S1 NO PEDIGREE	DAYS TO 50% POLLEN SHED																	
	BAJA	KANG	BARA	MEGH	ZN 1	DELH	DWRD	LUDH	KARN	PANC	PANT	KANP	MEAN	ZN 2	GORA	BELI	VARA	RANC
1 E H - 1810	62.0	49.3	55.3	55.6	56.3	51.0	51.0	45.0	51.7	48.0	50.5	58.3	49.3	48.5				
2 E H - 1820	60.7	48.3	55.0	54.7	52.7	47.3	45.3	39.7	52.3	47.7	47.5	54.3	44.3	46.0				
3 L - 183	61.7	49.3	55.7	55.6	57.3	51.0	51.7	46.0	49.0	50.3	50.9	59.0	50.3	53.0				
4 E H B - 1579	62.7	49.0	52.7	54.8	56.7	52.0	51.7	45.7	48.3	50.0	50.7	59.0	48.7	53.0				
5 K M H - 22168	61.3	48.7	56.0	55.3	58.0	50.0	49.3	44.0	50.7	47.0	49.8	57.7	49.3	51.0				
6 HYB R - 2006 - 2	66.0	48.0	55.0	56.3	58.7	52.7	50.7	44.3	52.0	51.0	51.6	61.3	49.7	53.0				
7 J H - 31153	59.0	50.7	54.3	54.7	55.0	49.7	50.7	43.7	51.0	49.0	49.8	56.3	49.0	48.0				
8 J H - 11320	64.0	49.3	54.0	55.8	58.0	53.3	52.0	45.7	50.7	46.0	50.9	61.3	50.3	55.0				
9 J H - 11508	65.7	50.0	55.0	56.9	60.7	56.0	50.3	44.3	50.0	50.0	51.9	62.3	58.3	55.0				
10 J H - 11535	66.0	47.3	54.7	56.0	60.0	54.0	52.0	45.3	50.0	50.0	51.9	58.3	50.7	53.5				
11 B H - 40625	47.7	46.3	55.7	49.9	58.0	51.7	51.3	45.7	50.0	52.0	51.4	62.3	54.3	52.5				
12 B H - 40702	62.3	51.0	55.0	56.1	58.7	51.0	52.0	46.3	48.7	48.7	50.9	59.7	52.7	56.0				
13 B H - 40703	66.0	48.0	54.0	56.0	61.0	55.0	51.3	44.7	50.3	49.3	51.9	63.3	54.3	53.5				
14 B H - 40704	64.0	50.7	55.3	56.7	59.3	53.3	52.0	45.7	50.7	51.0	52.0	60.7	52.3	53.5				
15 B H - 40705	62.0	49.7	54.0	55.2	60.7	53.3	53.0	46.7	50.0	49.0	52.1	60.3	53.0	58.0				
16 B H - 40706	61.7	49.3	55.0	55.3	60.3	52.3	51.7	44.0	53.3	49.0	51.8	58.3	49.3	56.0				
17 K D M - 322	58.7	48.0	56.0	54.2	56.0	49.3	51.0	44.3	51.0	46.0	49.6	58.3	49.3	48.0				
18 K D M - 438	58.7	48.0	54.0	53.6	56.0	47.7	48.0	44.0	50.3	50.0	49.3	55.7	47.0	49.0				
19 A H - 503	56.7	46.3	56.0	53.0	53.3	45.0	45.3	40.7	48.3	47.0	46.6	56.0	45.3	47.0				
20 A H - 504	60.3	47.0	54.0	53.8	53.0	49.0	48.7	41.7	50.0	49.0	48.6	55.7	47.7	52.5				
21 A H - 505	56.3	48.0	56.0	53.4	50.7	47.0	49.0	46.0	51.0	48.0	48.6	55.3	47.7	48.5				
22 A H - 507	58.0	48.3	55.3	53.9	51.0	45.0	45.7	40.0	53.3	47.0	47.0	54.7	43.3	47.0				
23 A H - 510	60.0	47.7	54.0	53.9	55.3	48.7	50.7	43.7	49.0	47.7	49.2	56.3	46.7	53.0				
24 H K H - 300M	60.7	48.7	55.0	54.8	54.7	51.0	50.3	45.0	51.3	48.3	50.1	62.7	51.3	52.0				
25 KAVERI - 218	64.7	47.7	56.0	56.1	60.3	51.7	51.7	45.7	51.7	50.0	51.8	59.7	50.7	51.0				
26 EURO - 1201	61.0	47.7	55.0	54.6	52.3	46.7	48.3	44.7	49.3	48.0	48.2	56.0	47.3	51.0				
27 K D M H - 1001	63.7	48.3	54.0	55.3	58.0	53.3	51.7	45.7	51.0	47.0	51.1	59.3	51.3	53.0				
28 C.P.828	66.0	49.7	52.7	56.1	57.0	53.7	53.3	47.0	49.0	50.0	51.7	59.7	57.3	53.5				
29 C.P.838	66.0	50.0	54.0	56.7	59.7	53.0	50.7	45.0	51.0	47.0	51.1	62.0	49.7	55.0				
30 X - 789	57.3	49.0	54.0	53.4	55.3	51.0	51.7	45.7	51.0	48.0	50.4	58.0	49.0	49.0				
31 P H S - 26	61.7	47.3	55.0	54.7	59.7	51.3	52.3	45.7	50.0	47.0	51.0	62.3	51.7	50.5				
32 HYBRID MAIZE C-302	59.3	47.0	52.7	53.0	58.0	50.0	50.0	42.7	49.3	49.0	49.8	58.0	52.0	50.5				
33 HYBRID MAIZE SAKTHI	62.7	53.7	53.0	56.4	60.3	54.0	51.7	45.3	49.3	51.0	51.9	58.3	51.0	53.5				
CHECKS:																		
34 BIO- 9637	63.7	48.7	53.7	55.3	58.0	51.0	49.7	43.3	49.0	47.0	49.7	59.3	52.7	54.5				
35 NAVJOT	58.7	48.3	53.3	53.4	51.3	46.7	51.0	43.3	51.3	50.0	48.9	55.7	47.3	48.0				
MEAN LOCATION	61.3	48.7	54.6	54.9	56.9	50.8	50.5	44.5	50.4	48.7	50.3	58.7	50.1	51.8				
C.D. AT 5%	10.3	4.4	0.8	5.2	3.2	2.7	1.8	2.9	5.2	0.6	2.7	1.1	2.0	5.4				
C.V. %	10.3	5.5	0.9	-	3.5	3.2	2.1	4.0	6.3	0.7	-	1.1	2.5	5.1				
F (Prob)	.448	.666	.000	-	.000	.000	.000	.000	.989	.000	-	.000	.000	.004				

TABLE NO. 2 (CONT.)

NO PEDIGREE	DAYS TO 50% POLLEN SHED										OV'L MEAN				
	JASH	AMBI	ZN 3 MEAN	HYDE	KARI	ARBH	MAND	KOLH	ZN 4 MEAN	UDAI		BANS	GODH	CHHI	ZN 5 MEAN
1 E H - 1810	47.3	47.7	50.2	53.7	48.7	57.3	53.3	59.0	54.4	50.3	54.7	50.7	57.3	53.3	52.4
2 E H - 1820	42.3	45.3	46.5	52.7	43.7	50.7	44.3	55.5	49.4	51.0	44.0	48.3	52.3	48.9	48.9
3 L - 183	47.0	49.3	51.7	54.3	46.7	56.0	52.7	58.0	53.5	54.0	46.0	52.0	57.0	52.3	52.5
4 E H B - 1579	47.7	50.7	51.8	54.0	48.7	57.7	53.7	58.5	54.5	55.7	48.0	49.7	57.3	52.7	52.6
5 K M H - 22168	47.3	51.3	51.3	53.7	47.7	57.3	52.7	60.0	54.3	56.3	50.3	51.0	55.7	53.3	52.4
6 HYB R - 2006 - 2	48.0	51.3	52.7	54.3	49.7	60.7	55.7	58.5	55.8	59.7	50.3	54.0	57.3	55.3	54.0
7 J H - 31153	47.0	54.3	50.9	54.3	48.7	55.7	52.3	56.5	53.5	55.7	49.7	51.0	55.0	52.8	52.0
8 J H - 11320	48.3	49.3	52.9	54.0	50.3	58.3	55.7	58.5	55.4	59.0	51.3	56.7	58.3	56.3	53.9
9 J H - 11508	51.3	47.3	54.9	54.7	51.3	61.3	59.0	60.5	57.4	58.3	51.7	55.7	57.0	55.7	55.0
10 J H - 11535	50.3	52.3	53.0	54.7	51.3	58.3	53.7	60.5	55.7	60.3	51.7	54.3	57.0	55.8	54.2
11 B H - 40625	52.3	51.3	54.6	54.7	49.7	59.7	56.7	58.0	55.7	55.0	51.7	57.0	59.0	55.7	53.6
12 B H - 40702	50.0	49.3	53.5	54.7	49.7	59.3	56.0	60.5	56.0	57.7	52.7	54.3	57.0	55.4	54.1
13 B H - 40703	50.3	53.7	55.0	54.7	50.7	54.7	58.7	60.5	55.8	59.3	50.3	55.3	57.0	55.5	54.6
14 B H - 40704	49.0	50.3	53.2	55.0	50.7	60.3	57.0	59.0	56.6	59.0	46.0	54.3	59.0	54.6	54.5
15 B H - 40705	50.0	52.3	54.7	53.0	50.7	62.0	58.3	59.0	56.6	57.3	53.3	55.0	57.0	55.7	54.4
16 B H - 40706	49.0	56.3	53.8	53.7	50.3	61.7	57.3	60.0	56.6	56.0	51.7	50.7	53.0	52.8	51.4
17 K D M - 322	44.3	47.3	49.5	53.7	48.3	55.7	49.7	56.0	52.7	56.0	47.0	51.0	52.3	50.9	50.5
18 K D M - 438	46.0	46.0	48.7	54.0	45.3	55.0	48.0	55.0	51.5	53.3	47.0	51.0	52.3	51.8	49.4
19 A H - 503	44.7	46.7	47.9	53.7	44.3	53.7	47.7	52.5	50.4	53.7	51.7	50.3	51.3	51.8	49.5
20 A H - 504	45.0	55.7	51.3	53.3	47.3	55.7	50.3	56.0	52.5	56.3	52.0	50.3	54.7	53.3	51.5
21 A H - 505	44.7	45.7	48.4	53.7	44.0	54.0	47.7	57.0	51.3	53.0	48.0	50.0	52.0	50.8	50.1
22 A H - 507	43.0	47.7	47.1	54.3	42.7	53.3	47.0	54.0	50.3	52.7	48.3	48.3	53.3	50.7	49.3
23 A H - 510	44.3	51.3	50.3	53.7	46.3	55.0	50.7	56.0	52.3	55.0	49.3	52.7	52.7	52.4	51.3
24 H K H - 300M	47.0	51.3	52.9	54.3	49.0	56.7	52.3	59.5	54.4	58.3	51.7	55.7	55.3	55.3	53.1
25 KAVERI - 218	50.0	51.0	52.5	53.7	48.7	59.7	55.0	59.5	55.3	58.7	52.0	54.3	57.7	55.7	53.9
26 EURO - 1201	43.3	49.0	49.3	54.3	44.3	54.0	48.3	53.0	50.8	53.7	52.0	50.3	55.0	52.9	50.7
27 K D M H - 1001	49.3	49.7	52.5	54.3	49.0	59.0	55.3	59.0	55.3	56.0	52.0	54.7	57.7	55.1	53.6
28 C.P.828	48.7	50.3	53.9	53.7	49.3	59.0	56.0	59.5	55.5	58.7	52.3	53.3	56.3	55.2	54.2
29 C.P.838	50.3	52.3	53.9	54.3	48.0	59.7	56.7	60.0	55.7	56.7	50.7	55.0	57.0	54.8	54.1
30 X - 789	48.3	48.0	50.5	53.0	47.0	56.7	52.3	58.5	53.5	55.0	49.0	54.3	55.7	53.5	52.0
31 P H S - 26	50.3	52.0	53.4	54.3	50.0	59.3	56.0	60.0	55.9	58.7	48.3	51.3	56.7	53.8	53.5
32 HYBRID MAIZE C-302	49.3	50.7	52.1	53.7	48.7	55.7	53.0	59.5	54.1	57.7	43.0	50.7	55.0	51.6	52.0
33 HYBRID MAIZE SAKTHI	47.3	51.3	52.3	53.3	49.3	59.0	55.0	59.5	55.2	60.0	47.0	53.7	57.0	54.4	53.8
CHECKS:															
34 BIO- 9637	49.0	49.3	53.0	53.7	49.0	58.3	52.7	58.5	54.4	55.7	52.7	52.0	58.0	54.6	53.0
35 NAVJOT	45.7	48.7	49.1	53.0	48.3	54.7	49.0	59.0	52.8	53.7	50.0	49.0	52.3	51.3	50.8
MEAN LOCATION	47.7	50.2	51.7	53.9	48.2	57.3	53.1	58.0	54.1	56.2	50.0	52.6	55.8	53.7	52.6
C.D. AT 5%	1.7	1.0	2.2	1.9	1.4	1.5	1.9	3.7	2.1	1.5	2.0	2.2	3.1	2.2	-
C.V. %	2.2	1.2	-	2.1	1.7	1.6	2.1	3.1	-	1.7	2.5	2.6	3.4	-	-
F (Prob)	.000	.000	-	.823	.000	.000	.000	.001	-	.000	.000	.000	.000	-	-

TABLE NO. 2 (CONT.)

S1 NO PEDIGREE	DAYS TO 50% SILKING										ZN 2 MEAN	GORA BELL	VARA RANC	
	BAJA	KANG	BARA	MEGH	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT				KANP
1 E H - 1810	44.7	52.0	58.3	51.7	61.0	53.0	54.0	47.3	56.7	54.0	54.3	60.3	57.0	55.5
2 E H - 1820	62.7	50.7	58.0	57.1	57.3	48.3	48.3	43.7	59.0	52.3	51.5	56.3	51.0	50.0
3 L - 183	64.0	52.3	59.7	58.7	60.7	52.7	54.7	49.3	55.3	54.3	54.5	61.0	57.0	57.5
4 E H B - 1579	64.7	51.3	55.7	57.2	61.7	53.0	54.3	48.3	57.7	54.7	54.9	61.0	56.0	57.5
5 K M H - 22168	64.0	51.0	59.0	58.0	61.3	51.7	51.7	47.3	57.0	52.7	53.6	59.7	53.7	56.0
6 HYB R - 2006 - 2	68.7	50.7	58.0	59.1	62.0	53.3	54.0	47.3	59.7	56.0	55.4	63.7	59.7	57.5
7 J H - 31153	61.3	53.3	58.0	57.6	59.3	51.0	54.3	46.7	59.3	54.0	54.1	58.3	56.7	52.5
8 J H - 11320	66.7	52.0	57.3	58.7	60.7	55.3	54.7	49.3	59.0	51.0	55.0	63.7	56.0	59.5
9 J H - 11508	69.0	52.7	58.0	59.9	63.7	57.3	53.0	48.0	58.3	54.7	55.8	64.3	63.7	59.0
10 J H - 11535	68.7	49.7	57.7	58.7	63.3	56.3	54.7	48.3	57.0	54.0	55.6	60.3	55.3	58.0
11 B H - 40625	70.3	49.0	58.7	59.3	63.3	53.7	54.0	48.0	58.7	56.3	55.7	64.7	61.7	57.5
12 B H - 40702	64.7	53.7	58.7	59.0	61.0	52.3	54.0	50.0	54.7	54.0	54.3	61.7	58.3	60.0
13 B H - 40703	68.7	50.3	58.7	59.2	62.3	56.3	53.7	47.3	56.7	56.0	55.2	63.0	56.7	58.5
14 B H - 40704	66.7	53.3	58.7	59.6	62.0	54.3	54.7	47.7	57.7	53.7	55.8	62.3	57.7	61.5
15 B H - 40705	64.7	52.3	58.3	58.4	62.7	55.0	56.0	49.7	57.7	53.7	55.2	63.0	56.7	58.5
16 B H - 40706	64.0	52.0	59.0	58.3	62.7	53.3	54.7	47.7	59.3	53.0	55.1	60.7	53.3	58.0
17 K D M - 322	60.7	51.0	59.3	57.0	60.0	51.3	53.0	48.3	59.0	50.0	53.6	60.7	56.0	52.5
18 K D M - 438	60.7	50.3	58.0	56.3	60.3	49.7	50.3	48.0	59.7	54.0	53.7	57.7	54.0	54.0
19 A H - 503	59.3	48.7	58.7	55.6	59.0	46.7	47.7	44.0	55.3	51.3	50.7	58.3	50.3	51.0
20 A H - 504	62.7	49.7	57.0	56.4	58.3	51.3	51.0	44.3	57.3	54.0	52.7	57.7	54.7	57.0
21 A H - 505	58.7	50.3	59.0	56.0	54.7	49.0	51.0	49.7	59.3	52.7	52.7	57.7	56.7	53.0
22 A H - 507	60.3	51.0	58.7	56.7	55.0	46.7	47.7	43.7	59.3	52.0	50.7	56.3	48.7	51.5
23 A H - 510	62.0	50.3	57.3	56.6	60.0	50.7	53.0	47.0	55.0	53.3	53.2	58.7	52.3	57.5
24 H K H - 300M	62.7	51.3	57.7	57.2	59.3	52.3	52.7	47.7	59.3	52.0	53.9	64.7	58.0	56.0
25 KAVERI - 218	67.0	50.0	59.0	58.7	64.0	52.7	54.0	48.3	57.0	55.0	55.2	61.7	55.0	56.0
26 EURO - 1201	63.3	50.3	58.0	57.2	59.0	48.0	50.7	46.3	57.0	52.3	52.2	58.3	50.3	55.0
27 K D M H - 1001	66.0	51.0	57.0	58.0	61.7	55.0	54.0	47.7	58.7	52.0	54.6	64.3	55.0	60.0
28 C.P.828	67.0	52.3	56.0	58.4	61.0	54.7	56.3	51.3	56.3	55.3	55.8	61.7	62.0	57.5
29 C.P.838	69.0	52.7	57.7	59.8	62.0	54.3	53.0	47.7	58.7	52.0	54.6	64.3	55.0	60.0
30 X - 789	59.7	51.7	57.0	56.1	60.0	52.7	54.0	47.0	57.0	54.0	54.1	60.0	57.7	54.0
31 P H S - 26	64.0	50.3	58.7	57.7	62.3	52.3	54.7	48.3	56.3	52.0	54.3	64.7	57.0	55.5
32 HYBRID MAIZE C-302	61.7	49.7	56.7	56.0	62.0	51.0	52.3	45.7	56.0	53.3	53.4	60.0	57.3	55.5
33 HYBRID MAIZE SAKTHI	65.3	56.0	56.3	59.2	63.7	55.0	53.7	49.3	56.0	56.0	55.6	60.3	56.3	58.0
CHECKS:														
34 BIO- 9637	66.0	51.7	56.7	58.1	61.0	52.7	52.0	46.7	57.0	52.0	53.6	61.7	58.0	59.5
35 NAVJOT	61.3	50.7	56.3	56.1	57.7	48.7	53.3	46.3	60.0	54.0	53.3	57.7	54.0	52.5
MEAN LOCATION	63.7	51.3	57.9	57.6	60.7	52.3	53.0	47.5	57.7	53.5	54.1	60.9	56.1	56.3
C.D. AT 5%	10.2	4.5	1.1	5.3	2.8	2.9	2.3	3.5	4.7	0.8	2.8	1.0	2.0	5.0
C.V. %	9.9	5.4	1.1	-	2.8	3.4	2.6	4.5	5.0	0.9	-	1.0	2.2	4.4
F (Prob)	.057	.712	.000	-	.000	.000	.000	.006	.724	.000	-	.000	.000	.004

TABLE NO. 2 (CONT.)

S1 NO PEDIGREE	DAYS TO 50% SILKING										ZN 5 MEAN	OV'L MEAN			
	JASH	AMBI	ZN 3 MEAN	HYDE	KARI	ARBH	MAND	KOLH	ZN 4 MEAN	UDAI			BANS	GODH	CHHI
1 E H - 1810	50.7	50.7	54.8	56.7	52.3	58.7	55.3	60.0	56.6	51.7	57.7	52.7	58.3	55.1	54.7
2 E H - 1820	45.3	48.7	50.3	55.0	45.7	52.0	46.0	56.5	51.0	52.3	47.0	50.0	49.7	49.8	51.6
3 L - 183	49.7	52.3	55.5	57.0	49.3	57.7	54.7	59.0	55.0	56.7	48.3	53.7	58.0	54.2	55.4
4 E H B - 1579	51.3	53.7	55.9	57.0	50.3	59.3	55.3	59.5	56.3	57.3	51.3	51.7	58.3	54.7	55.7
5 K M H - 22168	50.7	54.0	54.8	56.3	50.0	58.0	55.0	61.0	56.1	58.3	53.3	52.7	57.3	55.4	55.3
6 HYB R - 2006 - 2	52.0	54.0	57.4	56.7	50.7	61.3	57.7	59.5	57.2	61.0	53.3	55.7	58.7	57.2	57.0
7 J H - 31153	50.3	57.3	55.0	56.0	51.0	56.0	54.0	62.5	55.9	57.3	52.3	53.0	56.3	54.7	55.3
8 J H - 11320	51.7	51.7	56.5	56.0	52.0	58.7	58.0	59.5	56.8	60.0	54.3	58.7	59.7	58.2	56.8
9 J H - 11508	54.3	50.3	58.3	57.0	53.7	61.3	60.0	61.5	58.7	60.3	54.7	57.3	58.7	57.8	57.9
10 J H - 11535	53.0	55.3	56.4	57.4	53.7	59.7	55.7	60.5	57.4	62.0	54.3	56.3	58.7	57.8	57.0
11 B H - 40625	55.3	54.3	58.7	57.3	51.0	60.7	58.3	59.0	57.3	56.3	54.7	59.0	60.3	57.6	57.5
12 B H - 40702	53.3	52.0	57.1	57.0	51.0	59.7	58.3	61.5	57.5	59.3	55.0	56.7	58.7	57.4	56.8
13 B H - 40703	53.3	56.3	58.1	57.3	52.7	55.3	60.0	61.5	57.4	60.7	53.7	57.3	58.7	57.6	57.3
14 B H - 40704	52.3	53.0	56.7	57.7	51.7	60.7	58.3	57.0	57.1	59.0	52.3	56.3	59.3	56.7	56.8
15 B H - 40705	53.3	55.7	58.1	56.0	52.0	62.3	60.0	61.0	58.3	60.3	49.0	56.0	59.3	56.2	57.2
16 B H - 40706	52.0	59.0	56.6	57.0	51.7	61.7	58.7	61.0	58.0	59.3	56.3	57.0	58.0	57.7	56.9
17 K D M - 322	48.7	50.0	53.6	56.0	49.3	57.3	51.7	57.0	54.3	58.0	55.0	52.0	54.0	54.8	54.4
18 K D M - 438	50.0	49.0	52.9	56.7	47.7	56.3	50.7	56.0	53.5	54.7	50.0	53.0	52.7	52.6	53.6
19 A H - 503	48.7	49.7	51.6	56.7	46.0	55.0	49.3	53.5	52.1	56.7	54.0	52.3	51.7	53.7	52.3
20 A H - 504	49.0	58.7	55.5	56.3	49.0	57.0	54.0	56.0	54.5	58.0	54.7	52.0	55.7	55.1	54.6
21 A H - 505	48.3	48.3	52.8	56.7	45.0	55.0	49.7	58.0	52.9	54.7	51.0	52.0	52.0	52.4	53.1
22 A H - 507	47.0	50.7	50.8	56.3	44.3	55.0	48.7	55.0	51.9	54.3	51.7	50.0	54.0	52.5	52.1
23 A H - 510	49.0	54.3	54.4	56.3	48.7	56.7	53.0	57.0	54.3	57.3	52.0	54.7	54.7	54.7	54.4
24 H K H - 300M	51.0	54.0	56.7	56.7	50.3	57.7	54.0	61.0	55.9	59.7	54.7	57.7	56.0	57.0	55.9
25 KAVERI - 218	53.0	53.7	55.9	55.7	50.3	59.7	56.7	60.5	56.6	60.0	55.3	56.3	59.3	57.7	56.5
26 EURO - 1201	47.7	52.0	52.7	57.0	46.0	55.3	50.0	54.0	52.5	55.7	56.0	52.0	55.5	54.8	53.5
27 K D M H - 1001	52.7	52.7	56.4	56.0	51.0	59.7	57.0	61.0	56.9	57.3	54.7	56.3	59.0	56.8	56.4
28 C.P.828	52.3	52.7	57.2	56.7	51.3	58.7	58.0	60.5	57.0	60.3	54.7	55.3	57.7	57.0	56.9
29 C.P.838	53.3	55.7	57.7	56.0	50.3	59.3	58.7	61.0	57.1	58.3	53.0	56.7	58.7	56.7	56.8
30 X - 789	51.3	51.0	54.8	55.7	48.3	57.3	54.3	59.5	55.0	57.3	52.0	56.3	57.3	55.7	55.0
31 P H S - 26	53.7	55.0	57.2	56.7	51.7	59.7	57.7	61.0	57.3	59.7	51.3	53.3	59.0	55.8	56.3
32 HYBRID MAIZE C-302	52.3	53.7	55.8	56.3	49.7	56.3	55.3	60.5	55.6	60.0	46.3	52.7	56.3	53.8	54.8
33 HYBRID MAIZE SAKTHI	50.7	54.0	55.9	56.0	51.0	61.0	57.0	60.5	57.1	62.0	50.0	55.0	58.7	56.4	56.6
CHECKS:															
34 BIO- 9637	52.7	52.3	56.8	56.7	50.3	59.0	55.0	59.5	56.1	57.3	55.7	54.0	59.3	56.6	55.9
35 NAVJOT	50.0	50.7	53.0	56.0	50.0	57.0	51.3	60.5	55.0	55.3	52.3	50.7	53.3	52.9	53.9
MEAN LOCATION	51.1	53.0	55.5	56.5	50.0	58.2	55.1	59.2	55.8	58.0	52.9	54.5	56.9	55.6	55.5
C.D. AT 5%	1.8	1.2	2.2	2.1	1.1	1.6	2.0	4.3	2.2	1.0	2.1	2.1	2.8	2.0	-
C.V. %	2.1	1.4	-	2.3	1.4	1.7	2.2	3.6	-	1.0	2.4	2.4	3.0	-	-
F (Prob)	.000	.000	-	.945	.000	.000	.000	.007	-	.000	.000	.000	.000	-	-

TABLE NO. 2 (CONT.)

S1 No PEDIGREE	DAYS TO 75% DRY HUSK										ZN 2				GORA			
	BAJA	KANG	BARA	MEGH	ZN 1 MEAN	LUDH	KARN	PANC	PANT	KANP	MEAN	BELI	VARA	RANC	JASH			
1 E H - 1810	96.0	83.3	102.0	93.8	88.3	87.0	90.3	87.3	83.3	87.3	88.3	88.3	88.3	92.0	87.0			
2 E H - 1820	97.0	82.7	103.0	94.2	89.3	82.0	90.3	91.3	81.7	86.9	83.7	82.3	82.3	93.0	85.0			
3 L - 183	95.0	84.7	101.7	93.8	89.3	87.3	89.7	87.3	82.3	87.2	83.7	88.3	88.3	93.5	89.0			
4 E H B - 1579	97.3	84.3	100.0	93.9	88.7	86.0	87.0	89.7	84.3	87.1	84.7	85.7	85.7	93.5	88.0			
5 K M H - 22168	99.0	84.7	99.0	94.2	87.3	82.3	89.0	89.7	82.7	86.2	87.0	84.0	84.0	94.5	86.3			
6 HYB R - 2006 - 2	100.3	83.7	100.0	94.7	91.0	88.0	87.3	91.7	82.7	88.1	89.0	92.0	92.0	95.5	87.7			
7 J H - 31153	95.0	86.0	101.0	94.0	91.0	89.3	91.3	91.7	82.0	89.1	87.7	89.7	89.7	95.5	87.0			
8 J H - 11320	99.0	84.7	102.3	95.3	91.0	89.7	91.0	91.0	81.3	88.8	87.0	86.3	86.3	95.5	88.0			
9 J H - 11508	100.7	85.7	100.3	95.6	92.7	89.3	88.0	91.0	82.7	88.7	84.7	92.3	92.3	96.5	90.3			
10 J H - 11535	94.7	84.3	101.0	93.3	87.7	88.0	89.3	88.7	80.3	86.8	87.7	85.3	85.3	94.0	86.3			
11 B H - 40525	102.0	83.3	100.7	95.3	89.3	88.0	91.0	92.3	79.7	88.1	88.7	93.3	93.3	95.5	89.7			
12 B H - 40702	98.3	85.0	101.0	94.8	92.7	89.3	89.7	85.0	82.3	87.8	89.3	91.7	91.7	95.5	93.3			
13 B H - 40703	101.7	84.0	100.0	95.2	90.7	89.3	87.3	91.3	83.3	88.4	90.3	91.7	91.7	95.5	89.0			
14 B H - 40704	101.3	84.7	99.3	95.1	92.3	89.0	89.0	90.3	81.3	88.0	88.0	88.0	88.0	95.0	90.0			
15 B H - 40705	104.0	83.7	98.0	95.2	92.0	89.0	89.3	90.3	82.3	88.6	89.3	90.0	90.0	95.0	90.0			
16 B H - 40706	96.3	84.7	99.0	93.3	89.0	85.7	89.3	91.3	81.7	87.4	85.7	86.3	86.3	93.5	88.7			
17 K D M - 322	96.3	83.0	100.0	93.1	87.7	82.7	91.0	90.3	83.0	86.9	84.7	86.0	86.0	92.5	86.7			
18 K D M - 438	92.7	84.7	99.3	92.2	86.7	82.0	89.3	92.3	81.3	86.3	83.7	84.3	84.3	94.5	85.3			
19 A H - 503	95.7	82.7	99.3	92.6	89.0	81.3	84.7	86.7	81.0	84.5	86.0	83.3	83.3	93.5	86.3			
20 A H - 504	96.0	83.3	99.3	92.9	89.3	83.3	88.7	89.3	83.3	86.8	84.7	86.0	86.0	94.5	86.0			
21 A H - 505	95.0	82.7	99.0	92.2	87.0	82.3	87.3	90.7	83.3	86.1	85.3	86.0	86.0	95.5	85.3			
22 A H - 507	91.7	83.7	99.0	91.4	87.3	81.3	85.7	91.3	82.0	85.5	82.3	81.7	81.7	93.5	86.0			
23 A H - 510	95.3	82.3	98.7	92.1	87.7	83.0	88.3	88.3	80.3	85.5	85.7	83.7	83.7	92.5	85.7			
24 H K H - 300M	100.3	84.0	70.3	84.9	90.3	89.0	90.0	92.3	81.0	88.5	88.0	90.0	90.0	96.5	87.7			
25 KAVERI - 218	101.7	83.0	99.7	94.8	90.0	88.0	87.7	91.3	81.7	87.7	88.3	88.3	88.3	94.5	89.0			
26 EURO - 1201	95.3	82.3	100.3	92.7	87.7	82.3	90.3	91.0	81.3	86.5	85.0	83.7	83.7	93.0	86.0			
27 K D M H - 1001	101.7	85.7	99.3	95.6	91.3	61.0	89.7	89.7	81.3	82.6	87.0	90.3	90.3	96.5	88.7			
28 C.P.828	97.3	84.7	99.0	93.7	90.7	88.0	89.0	90.0	82.7	88.1	88.7	93.0	93.0	95.5	90.0			
29 C.P.838	101.0	83.7	101.0	95.2	93.7	91.0	89.3	91.7	82.7	89.7	88.7	86.3	86.3	95.0	90.3			
30 X - 789	97.0	84.7	101.7	94.4	90.0	86.3	88.0	91.0	86.0	88.3	85.3	88.7	88.7	94.0	87.7			
31 P H S - 26	101.0	84.3	102.0	95.8	89.7	86.3	88.3	89.3	83.3	87.4	85.3	90.0	90.0	95.5	88.7			
32 HYBRID MAIZE C-302	98.0	83.7	100.7	94.1	88.7	82.7	89.7	89.0	82.0	86.4	86.0	89.7	89.7	94.5	89.0			
33 HYBRID MAIZE SAKTHI	98.0	86.3	100.7	95.0	91.3	87.0	90.0	89.3	83.3	88.2	87.0	90.7	90.7	94.5	87.0			
CHECKS:																		
34 BIO- 9637	100.3	82.3	99.7	94.1	90.3	86.7	89.0	90.7	83.0	87.9	88.3	90.3	90.3	96.0	89.7			
35 NAVJOT	92.7	83.0	100.0	91.9	89.3	82.7	88.7	92.0	83.3	87.2	83.3	86.3	86.3	93.5	86.7			
MEAN LOCATION																		
C.D. AT 5%	3.7	2.6	14.4	6.9	2.8	12.7	3.5	5.4	3.5	5.6	1.2	2.3	2.3	2.0	2.0			
C.V. %	2.3	1.9	8.9	-	1.9	9.1	2.4	3.7	2.6	-	0.9	1.6	1.6	1.0	1.4			
F (Prob)	.000	.180	.440	-	.000	.167	.114	.761	.507	-	.000	.000	.000	.000	.000			

TABLE NO. 2 (CONT.)

Sl NO PEDIGREE	DAYS TO 75% DRY HUSK										ZN 5 MEAN	OV'L MEAN		
	ZN 3					ZN 4								
	AMBI	MEAN	HYDE	KARI	ARBH	MAND	KOLH	MEAN	UDAI	BANS			GODH	CHKH
1 E H - 1810	90.0	89.1	101.3	85.3	98.7	95.0	96.5	95.4	90.3	85.7	82.3	89.0	86.8	90.3
2 E H - 1820	91.3	87.1	98.0	84.3	99.0	91.7	93.0	93.2	88.3	82.0	73.3	86.3	82.5	88.6
3 L - 183	88.0	88.5	99.7	85.0	99.3	96.7	94.5	95.0	89.3	84.0	85.0	91.3	87.4	90.2
4 E H B - 1579	87.0	87.8	100.0	85.0	99.0	94.3	94.0	94.5	88.7	83.7	73.3	90.3	84.0	89.3
5 K M H - 22168	91.3	88.6	100.3	82.7	98.3	96.0	95.0	94.5	85.3	82.0	76.7	91.3	83.8	89.3
6 HYB R - 2006 - 2	92.7	91.4	99.0	85.7	99.7	96.7	96.5	95.5	91.3	84.3	86.0	91.3	88.3	91.5
7 J H - 31153	91.7	90.3	100.0	85.0	99.3	94.0	91.5	94.0	90.0	86.0	79.7	90.7	86.5	90.7
8 J H - 11320	90.0	89.4	100.3	86.0	99.0	98.7	96.0	96.0	93.0	83.0	87.0	91.3	88.6	91.4
9 J H - 11508	92.0	91.2	99.3	83.3	100.0	97.7	95.5	95.2	93.7	83.7	88.0	90.7	89.0	91.7
10 J H - 11535	87.0	88.1	100.0	83.0	98.0	96.0	98.0	95.0	85.3	85.7	78.7	91.0	85.2	89.5
11 B H - 40625	90.3	91.5	100.3	85.7	99.7	95.3	94.0	95.0	89.7	86.3	88.3	91.7	89.0	91.6
12 B H - 40702	93.0	92.6	100.0	85.7	100.3	98.3	98.5	96.6	89.3	83.7	85.0	92.0	87.5	91.8
13 B H - 40703	92.7	91.8	102.7	86.0	98.0	96.7	96.0	95.9	90.3	86.3	88.7	90.7	89.0	91.9
14 B H - 40704	90.7	90.0	99.3	85.7	99.7	96.0	93.0	94.7	91.3	82.7	85.3	90.0	87.3	90.9
15 B H - 40705	88.3	89.5	100.3	84.7	100.0	98.3	95.5	96.0	94.0	82.7	81.3	91.3	87.3	91.4
16 B H - 40706	88.3	89.5	99.3	85.7	99.3	97.7	98.0	95.8	91.7	87.0	83.0	91.3	88.3	90.8
17 K D M - 322	88.7	87.7	97.3	83.7	98.3	94.0	92.0	93.1	88.3	86.7	77.7	88.3	85.3	89.0
18 K D M - 438	88.3	87.2	98.7	82.7	98.7	92.0	91.0	92.6	85.7	81.0	77.3	89.0	83.3	88.2
19 A H - 503	90.0	87.8	97.0	84.3	98.0	92.0	88.0	91.9	85.7	85.7	79.0	86.0	84.1	88.0
20 A H - 504	89.7	88.2	98.7	85.0	99.0	96.7	91.5	94.2	88.3	85.3	75.0	89.0	84.4	89.2
21 A H - 505	87.7	88.0	98.3	82.7	98.3	92.0	92.5	92.8	85.7	85.0	74.0	88.7	83.3	88.4
22 A H - 507	87.0	86.1	97.0	82.3	98.7	94.3	90.5	92.6	86.3	80.3	73.3	87.0	81.8	87.4
23 A H - 510	88.3	87.2	97.0	85.0	98.3	95.3	94.0	93.9	89.3	83.7	76.3	89.0	85.1	88.6
24 H K H - 300M	93.0	91.0	100.0	86.0	98.7	96.3	95.0	95.2	85.7	86.7	88.0	91.7	88.0	90.0
25 KAVERI - 218	88.7	89.8	100.7	85.0	100.0	95.7	97.0	95.7	91.7	83.7	86.7	91.3	88.3	91.1
26 EURO - 1201	87.3	87.0	97.3	82.0	98.3	94.0	91.5	92.6	87.3	84.7	76.7	86.5	83.8	88.4
27 K D M H - 1001	92.7	91.0	101.0	85.7	99.0	97.3	95.5	95.7	89.7	85.7	82.7	92.3	87.6	90.2
28 C.P. 828	92.3	91.9	101.0	86.0	100.0	96.0	97.0	96.0	90.0	85.7	87.7	92.0	88.8	91.6
29 C.P. 838	91.7	90.4	99.3	86.0	98.0	95.7	97.5	95.3	90.0	84.3	87.3	91.3	88.3	91.6
30 X - 789	89.7	89.1	97.7	83.0	98.7	92.7	93.5	93.1	90.0	84.7	86.7	91.7	88.2	90.4
31 P H 8 - 26	90.7	90.0	100.7	85.7	99.7	97.3	95.0	95.7	90.3	82.0	80.0	91.0	85.8	90.7
32 HYBRID MAIZE C-302	87.3	89.3	101.0	84.0	98.3	94.3	95.5	94.6	91.7	80.3	78.3	91.0	85.3	89.8
33 HYBRID MAIZE SAKTHI	89.7	89.8	100.7	86.0	99.0	97.7	97.5	96.2	90.3	83.0	82.7	91.3	86.8	91.0
CHECKS:														
34 BIO- 9637	87.7	90.4	99.3	86.0	99.7	98.0	94.0	95.4	90.7	87.3	83.0	91.3	88.1	91.1
35 NAVJOT	89.3	87.8	98.7	82.3	98.7	95.0	94.5	93.8	89.3	81.7	75.3	89.0	83.8	88.9
MEAN LOCATION	90.0	89.3	99.5	84.6	99.0	95.6	94.5	94.6	89.4	84.2	81.5	90.2	86.3	90.1
C.D. AT 5% =	0.9	1.7	2.5	1.7	1.5	4.5	4.1	2.8	1.0	2.1	3.6	1.7	2.1	-
C.V. % =	0.6	-	1.5	1.2	0.9	2.9	2.1	-	0.7	1.6	2.7	1.2	-	-
F (Prob)	.000	-	.001	.000	.029	.070	.001	-	.000	.000	.000	.000	-	-

TABLE NO. 2 (CONT.)

S1 No PEDIGREE	MOISTURE % AT HARVEST										ZN 2 MEAN	GORA BELI	VARA	RANC	JASH
	BAJA	KANG	BARA	MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	MEAN					
1 E H - 1810	21.6	25.9	23.3	23.6	30.3	25.7	32.9	31.2	24.8	29.0	25.6	33.2	22.2	19.6	
2 E H - 1820	21.5	25.5	22.7	23.2	30.5	19.1	34.6	31.0	26.4	28.3	21.8	26.8	22.2	17.7	
3 L - 183	22.3	26.6	24.7	24.5	27.8	20.8	30.1	30.2	24.2	26.6	22.0	29.1	21.3	19.0	
4 E H B - 1579	20.8	25.6	24.3	23.6	32.1	25.4	29.1	32.2	24.4	28.6	22.1	29.6	23.0	19.1	
5 K M H - 22168	20.4	26.5	27.0	24.6	30.0	24.0	29.4	32.0	25.1	28.1	24.0	25.8	21.3	18.5	
6 HYB R - 2006 - 2	20.3	27.5	23.0	23.6	37.1	27.3	35.4	30.8	24.6	31.0	25.1	34.7	23.0	19.5	
7 J H - 31153	19.7	25.3	24.7	23.2	24.3	26.0	32.1	30.0	22.7	27.0	25.0	31.0	21.4	18.5	
8 J H - 11320	21.3	25.8	22.3	23.2	33.1	27.9	34.5	28.7	24.5	29.7	23.4	36.5	23.0	18.9	
9 J H - 11508	26.5	26.5	23.3	25.5	27.9	29.0	30.9	28.3	25.7	28.4	22.4	36.4	21.4	19.8	
10 J H - 11535	19.3	26.0	25.3	23.5	28.9	25.0	31.5	27.2	24.6	27.4	23.1	29.9	23.2	19.3	
11 B H - 40625	22.8	27.2	23.0	24.3	26.5	25.1	34.2	30.1	23.8	28.0	25.3	34.0	23.2	18.4	
12 B H - 40702	21.8	26.1	24.0	24.0	32.3	27.3	34.3	28.8	23.7	29.3	24.8	37.1	23.3	18.5	
13 B H - 40703	24.2	27.7	25.7	25.8	31.2	28.4	28.2	33.0	22.6	28.7	25.0	30.3	23.0	19.2	
14 B H - 40704	21.5	27.3	23.0	23.9	31.2	26.7	34.2	32.2	25.5	30.0	25.3	34.0	20.0	18.3	
15 B H - 40705	21.5	26.5	23.7	23.9	30.3	26.1	32.1	33.0	26.5	29.6	24.1	34.0	23.2	19.8	
16 B H - 40706	19.6	27.4	21.7	22.9	26.4	21.4	30.6	31.2	24.6	26.8	22.5	32.7	23.2	19.4	
17 K D M - 322	19.5	26.1	22.3	22.6	27.1	20.0	28.4	30.4	24.8	26.1	24.5	25.6	20.1	18.2	
18 K D M - 438	21.7	27.1	24.0	24.2	34.5	21.4	33.1	28.7	25.0	28.5	22.5	28.9	22.4	19.2	
19 A H - 503	19.5	27.2	24.0	23.6	31.6	20.3	31.1	28.0	25.5	27.3	23.9	26.0	23.1	18.5	
20 A H - 504	18.7	27.1	23.0	22.9	21.3	27.0	30.1	30.0	25.8	26.8	23.1	29.9	22.1	19.3	
21 A H - 505	18.9	27.4	21.7	22.7	25.3	23.0	29.6	29.9	27.0	27.0	23.1	29.4	22.0	20.0	
22 A H - 507	19.0	28.0	22.7	23.2	26.2	19.4	28.9	30.0	25.5	26.0	20.6	27.1	21.3	19.6	
23 A H - 510	19.3	26.7	24.7	23.5	29.7	24.5	31.0	27.7	23.7	27.3	24.0	27.8	21.2	19.9	
24 H K H - 300M	19.6	25.5	24.0	23.1	30.5	24.2	35.1	28.9	27.5	29.3	24.8	31.4	29.3	18.8	
25 KAVERI - 218	22.3	26.5	23.7	24.1	31.4	25.7	31.1	30.8	26.5	29.1	25.0	31.5	23.0	18.7	
26 EURO - 1201	17.8	26.9	22.3	22.3	31.0	19.5	28.6	30.1	26.4	27.1	23.0	27.7	21.4	19.0	
27 K D M H - 1001	20.7	25.6	20.7	22.3	30.9	25.5	32.1	29.9	26.2	28.9	25.0	30.0	21.2	19.2	
28 C.P.828	22.7	24.8	23.0	23.5	24.7	22.6	28.8	27.2	23.7	25.4	23.3	32.4	22.4	18.1	
29 C.P.838	24.4	27.1	23.7	25.1	28.4	27.1	31.2	30.0	23.6	28.1	24.4	34.6	22.2	19.2	
30 X - 789	20.5	26.1	21.3	22.6	33.8	25.8	34.0	29.9	26.5	30.0	21.8	34.1	22.4	18.8	
31 P H S - 26	21.2	26.9	23.7	23.9	31.2	28.1	30.1	31.9	24.1	29.1	22.9	34.0	23.0	19.1	
32 HYBRID MAIZE C-302	23.5	25.0	23.0	23.8	32.0	23.6	26.4	31.0	24.6	27.5	23.4	32.1	22.3	18.9	
33 HYBRID MAIZE SAKTHI	20.9	27.5	25.0	24.5	25.5	28.8	34.5	30.7	27.2	29.4	23.1	34.7	22.0	18.3	
CHECKS:															
34 BIO- 9637	21.3	26.6	23.7	23.8	32.8	25.6	30.9	31.0	24.6	29.0	25.6	26.7	22.2	18.5	
35 NAVJOT	20.6	26.8	23.3	23.6	25.9	21.7	31.1	30.1	25.5	26.9	20.3	31.1	23.3	18.4	
MEAN LOCATION	21.1	26.5	23.5	23.7	29.5	24.5	31.4	30.2	25.1	28.1	23.6	31.1	22.4	18.9	
C.D. AT 5%	2.6	1.8	2.0	2.1	3.5	1.7	0.0	0.0	2.1	1.5	1.1	1.6	0.0	0.5	
C.V. %	7.5	4.1	5.3	-	7.4	4.2	0.0	0.0	5.2	-	2.9	3.1	0.0	1.8	
F (Prob)	.000	.045	.000	-	.000	.000	-	-	.000	-	.000	.000	-	.000	

TABLE NO. 2 (CONT.)

S1 NO PEDIGREE	MOISTURE % AT HARVEST											ZN 5 OV'L MEAN		
	AMBI	ZN 3 MEAN	HYDE	KARI	ARBH	MAND	KOLH	ZN 4 MEAN	UDAI	BANS	GODH		CHHI	
1 E H - 1810	13.6	22.8	24.8	7.2	30.9	16.4	9.6	17.8	15.1	15.5	19.5	13.3	15.8	21.9
2 E H - 1820	14.4	20.6	25.6	5.2	22.0	15.6	9.5	15.6	14.8	16.9	18.9	13.8	16.1	20.7
3 L - 183	14.6	21.2	23.1	5.4	27.0	15.3	9.4	16.0	20.4	16.3	16.0	13.6	16.5	20.9
4 E H B - 1579	14.0	21.6	21.9	7.1	26.2	15.4	11.5	16.4	20.6	15.4	19.0	12.5	16.9	21.4
5 K M H - 22168	14.0	20.7	20.6	5.8	27.1	14.1	8.7	15.3	16.2	16.1	15.7	13.4	15.3	20.7
6 HYB R - 2006 - 2	15.0	23.5	21.0	6.9	31.6	15.3	8.8	16.7	22.1	15.1	15.2	12.7	16.3	22.4
7 J H - 31153	14.8	22.1	28.5	5.9	23.8	15.2	9.7	16.6	21.8	15.6	18.3	13.3	17.2	21.2
8 J H - 11320	14.8	23.3	24.0	6.9	27.2	15.5	9.5	16.6	24.0	15.9	15.5	13.4	17.2	22.1
9 J H - 11508	15.0	23.0	30.1	7.9	30.5	14.5	9.3	18.5	22.8	16.5	19.5	13.1	18.0	22.6
10 J H - 11535	14.6	22.0	26.1	7.1	26.5	15.6	9.5	17.0	19.6	15.5	18.3	13.5	16.8	21.3
11 B H - 40625	13.9	23.0	24.8	6.0	31.5	13.4	10.9	17.3	24.8	15.4	17.0	18.0	18.8	22.2
12 B H - 40702	13.6	23.4	24.5	8.4	29.1	16.2	8.9	17.4	20.5	15.5	17.2	13.5	16.7	22.2
13 B H - 40703	13.6	22.2	26.6	7.6	23.3	15.6	10.4	16.7	20.0	15.4	15.9	13.2	16.1	21.8
14 B H - 40704	14.1	22.3	24.0	5.4	31.3	15.4	10.4	17.3	22.5	15.8	16.4	13.2	17.0	22.2
15 B H - 40705	14.7	23.2	24.3	6.4	33.8	15.0	9.5	17.8	22.5	15.2	13.5	12.6	16.0	22.2
16 B H - 40706	14.5	22.4	28.4	4.9	29.3	15.3	9.5	17.5	19.3	16.0	17.2	12.4	16.2	21.2
17 K D M - 322	14.6	20.6	18.2	6.0	25.9	14.9	9.1	14.8	20.0	15.9	15.9	12.5	16.1	20.0
18 K D M - 438	14.4	21.5	20.6	6.1	26.3	14.3	8.7	15.2	18.1	15.6	17.0	12.8	15.9	21.0
19 A H - 503	14.6	21.2	21.2	4.6	24.9	13.9	9.5	14.8	17.8	15.9	18.6	12.9	16.3	20.6
20 A H - 504	14.3	21.7	24.0	4.1	25.5	14.6	9.7	15.6	20.5	15.6	16.3	12.9	16.3	20.7
21 A H - 505	14.2	21.7	20.5	4.3	21.4	14.3	9.5	14.0	20.3	15.3	19.9	12.7	17.0	20.4
22 A H - 507	13.6	20.5	25.2	4.2	23.8	15.9	9.7	15.7	16.5	15.5	20.7	12.8	16.4	20.3
23 A H - 510	13.5	21.3	19.5	6.1	23.0	15.7	9.7	14.8	16.5	15.6	19.8	13.4	16.3	20.6
24 H K H - 300M	14.6	23.8	22.4	5.6	26.5	14.4	13.2	16.4	20.8	15.6	14.8	14.0	16.3	21.9
25 KAVERI - 218	14.9	22.6	26.5	6.7	29.1	15.3	9.5	17.4	21.3	16.0	16.5	12.4	16.5	22.0
26 EURO - 1201	14.4	21.1	27.3	4.3	23.6	16.4	10.0	16.3	20.9	15.6	17.0	13.3	16.7	20.8
27 K D M H - 1001	14.5	22.0	22.8	6.9	29.0	16.0	10.7	17.1	21.1	16.0	16.5	12.9	16.6	21.5
28 C.P. 828	13.6	22.0	20.4	4.5	30.6	15.3	9.1	16.0	20.6	16.1	20.0	13.5	17.6	20.8
29 C.P. 838	13.5	22.8	24.0	6.8	27.6	13.8	10.8	16.6	21.9	16.0	19.0	13.1	17.5	21.9
30 X - 789	13.4	22.1	20.5	7.2	25.9	13.9	9.4	15.4	21.9	16.0	17.5	12.0	16.8	21.5
31 P H S - 26	14.5	22.7	23.6	4.0	29.2	15.1	10.1	16.4	19.0	15.0	17.8	12.8	16.1	21.7
32 HYBRID MAIZE C-302	14.7	22.3	23.3	5.9	23.5	14.0	9.3	15.2	20.4	16.3	18.2	12.9	16.9	21.1
33 HYBRID MAIZE SAKTHI	14.4	22.5	21.3	6.3	29.8	15.9	9.6	16.6	21.6	15.9	15.9	13.5	16.7	21.9
CHECKS:														
34 BIO- 9637	14.1	21.4	23.4	5.1	28.1	14.1	9.6	16.1	21.0	15.5	15.6	13.3	16.4	21.3
35 NAVJOT	14.0	21.4	19.9	6.4	23.7	14.9	9.5	14.9	21.0	16.1	17.0	19.6	18.4	20.9
MEAN LOCATION	14.3	22.1	23.5	6.0	27.1	15.0	9.8	16.3	20.2	15.8	17.3	13.4	16.7	21.4
C.D. AT 5%	0.4	0.7	2.2	0.9	2.6	1.6	0.0	1.5	0.4	0.3	2.0	2.3	1.2	-
C.V. %	1.6	-	5.8	8.8	6.0	6.4	0.0	-	1.2	1.0	7.1	10.4	-	-
F (Prob)	.000	-	.000	.000	.000	.000	.000	-	.000	.007	.000	.000	-	-

TABLE NO. 2 (CONT.)

S1 NO PEDIGREE	PLANT HEIGHT (cm)														
	BAJA	KANG	BARA	MEGH	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	KANP	ZN 2 MEAN	GORA BELI	VARA	RANC
1 E H - 1810	191	248	180	161	207	161	185	165	218	200	185	186	125	200	198
2 E H - 1820	168	263	197	160	209	160	175	172	200	178	178	177	118	173	197
3 L - 183	177	243	181	153	201	153	160	148	182	185	179	168	115	170	223
4 E H B - 1579	176	257	181	160	204	160	188	147	213	177	174	176	123	168	195
5 K M H - 22168	191	257	170	163	209	163	195	167	172	197	175	178	123	195	200
6 HYB R - 2006 - 2	191	257	188	153	212	153	193	160	198	205	169	180	118	195	223
7 J H - 31153	182	230	176	147	196	147	185	173	178	183	171	173	123	200	191
8 J H - 11320	188	243	183	162	205	162	183	167	197	180	178	178	115	198	199
9 J H - 11508	202	280	171	177	218	177	212	193	257	183	171	199	123	215	235
10 J H - 11535	200	272	184	186	219	186	215	193	240	163	198	199	119	213	241
11 B H - 40625	199	255	177	170	210	170	208	200	230	198	209	203	132	228	189
12 B H - 40702	205	275	172	173	217	173	213	180	245	178	190	197	126	223	211
13 B H - 40703	202	257	149	179	203	179	212	190	237	198	184	200	126	238	236
14 B H - 40704	194	265	186	173	215	173	208	170	227	178	182	190	128	208	174
15 B H - 40705	184	230	193	173	202	173	190	170	218	183	195	188	126	203	194
16 B H - 40706	181	252	184	162	205	162	197	178	198	192	174	183	136	200	206
17 K D M - 322	187	258	162	161	202	161	157	160	197	175	166	167	125	150	206
18 K D M - 438	173	258	181	160	204	160	188	111	200	177	166	167	129	175	223
19 A H - 503	163	258	184	140	202	140	172	155	187	187	186	171	120	200	176
20 A H - 504	178	260	197	169	212	169	188	158	197	187	167	178	138	195	183
21 A H - 505	178	252	166	153	198	153	178	132	187	190	167	168	118	185	206
22 A H - 507	180	267	163	147	203	147	182	153	205	188	185	177	116	178	171
23 A H - 510	174	268	168	158	204	158	175	152	200	168	187	173	124	178	208
24 H K H - 300M	192	238	166	157	199	157	172	167	203	180	175	176	129	203	209
25 KAVERI - 218	178	265	174	166	206	166	178	157	203	202	180	181	121	165	193
26 EURO - 1201	165	245	177	158	196	158	203	158	208	183	162	179	112	180	178
27 K D M H - 1001	182	233	175	146	197	146	182	168	208	185	175	177	121	208	189
28 C.P.828	180	242	167	175	196	175	187	177	217	188	188	188	121	223	217
29 C.P.838	203	277	189	186	223	186	215	188	237	172	167	194	115	210	215
30 X - 789	205	263	150	154	206	154	185	170	203	172	163	174	127	198	214
31 P H S - 26	184	245	179	151	203	151	185	158	193	175	182	174	111	195	208
32 HYBRID MAIZE C-302	193	255	176	171	208	171	188	177	207	203	177	187	126	228	196
33 HYBRID MAIZE SAKTHI	195	268	211	170	225	170	202	163	210	188	170	184	114	183	219
CHECKS:															
34 BIO- 9637	185	248	199	187	211	187	213	182	237	192	201	202	121	235	200
35 NAVJOT	168	257	174	162	200	162	177	152	240	187	165	180	124	208	197
MEAN LOCATION	186	256	178	164	206	164	190	166	210	185	179	182	123	198	203
C.D. AT 5%	23.3	33.9	26.9	22.6	28.0	22.6	22.8	27.3	39.6	32.1	8.9	25.6	11.5	8.2	33.9
C.V. %	7.7	8.1	9.3	8.5	8.5	8.5	7.4	10.1	11.6	10.6	3.1	-	5.8	2.5	8.2
F (Prob)	.008	.332	.016	.004	.000	.000	.005	.000	.005	.758	.000	.002	.000	.000	.014

TABLE NO. 2 (CONT.)

Sl	No PEDIGREE	PLANT HEIGHT (cm)										OV'L MEAN				
		JASH	AMBI	MEAN	HYDE	KARI	ARBH	MAND	KOLH	MEAN	UDAI		BANS	GODH	CHHI	MEAN
		ZN 3			ZN 4				ZN 5							
1	E H - 1810	146	234	180	180	150	204	202	185	184	178	103	128	228	160	182
2	E H - 1820	148	231	173	172	135	187	181	163	167	165	102	143	208	155	174
3	L - 183	146	212	173	162	138	169	181	170	164	165	89	161	202	154	170
4	E H B - 1579	145	221	170	195	150	193	193	190	184	162	126	160	200	162	178
5	K M H - 22168	146	259	184	202	163	187	195	195	188	157	111	167	212	162	183
6	HYB R - 2006 - 2	147	249	186	203	155	198	194	180	186	180	97	143	207	156	183
7	J H - 31153	149	241	181	193	133	193	191	193	180	155	128	166	207	164	178
8	J H - 11320	147	249	182	198	155	198	202	205	192	178	119	139	218	164	183
9	J H - 11508	165	290	205	235	185	211	205	210	209	200	96	182	230	177	201
10	J H - 11535	163	267	200	233	187	211	204	205	208	175	112	134	262	171	199
11	B H - 40625	162	273	197	227	187	206	205	200	205	182	130	175	212	175	198
12	B H - 40702	149	268	195	217	182	208	201	178	197	182	112	157	223	169	194
13	B H - 40703	172	272	209	215	187	184	212	228	205	195	142	191	235	191	202
14	B H - 40704	153	267	186	218	175	185	201	183	192	190	114	170	200	168	189
15	B H - 40705	160	254	187	207	175	203	202	190	195	195	108	187	208	174	189
16	B H - 40706	164	270	195	217	178	208	199	205	201	192	107	152	218	167	190
17	K D M - 322	149	240	174	168	148	184	194	183	175	163	107	148	192	152	175
18	K D M - 438	149	243	184	193	162	185	185	193	184	173	128	155	208	166	179
19	A H - 503	141	224	172	173	134	173	175	155	162	155	94	154	202	151	170
20	A H - 504	150	227	178	202	155	196	193	180	185	175	125	160	208	167	182
21	A H - 505	144	222	175	180	130	177	192	180	172	183	110	142	185	155	172
22	A H - 507	139	220	165	183	155	180	170	158	169	155	110	147	182	148	171
23	A H - 510	152	229	178	177	168	186	183	180	179	170	96	142	190	150	175
24	H K H - 300M	154	250	189	203	147	187	197	193	185	172	89	151	188	150	179
25	KAVERI - 218	152	250	176	197	153	191	200	175	183	165	145	150	228	172	182
26	EURO - 1201	146	244	172	175	153	184	178	175	173	155	116	137	200	152	174
27	K D M H - 1001	151	226	179	202	142	191	202	208	189	192	119	152	212	168	181
28	C.P.828	156	246	193	207	160	202	212	225	201	172	95	148	225	160	188
29	C.P.838	164	260	193	210	168	210	196	183	193	193	123	174	242	183	196
30	X - 789	166	262	193	213	167	197	190	188	191	187	126	159	215	172	186
31	P H S - 26	159	229	180	207	167	192	188	190	189	175	104	163	217	165	181
32	HYBRID MAIZE C-302	151	259	192	200	160	205	203	188	191	172	116	165	223	169	189
33	HYBRID MAIZE SAKTHI	149	249	183	200	158	197	196	173	185	175	113	154	210	163	185
CHECKS:																
34	BIO- 9637	180	273	202	208	172	206	209	218	202	193	138	174	233	185	200
35	NAVJOT	163	255	189	203	165	181	194	178	184	162	95	145	213	154	181
MEAN LOCATION		154	248	185	199	160	193	195	188	187	175	113	156	213	164	184
C.D. AT 5%		5.7	20.9	16.0	30.6	8.9	8.9	14.8	52.9	23.3	26.3	4.4	9.5	32.8	18.2	-
C.V. %		2.3	5.2	-	9.5	3.4	2.8	4.7	13.8	-	9.2	2.4	3.7	9.5	-	-
F (Prob)		.000	.000	-	.000	.000	.000	.000	.667	-	.000	.000	.005	.000	-	-

TABLE NO. 2 (CONT.)

Sl No PEDIGREE	EAR HEIGHT (cm)				DELH				ZN 1				ZN 2				GORA									
	BAJA	KANG	BARA	MEGH	BAJA	KANG	BARA	MEGH	BAJA	KANG	BARA	MEGH	BAJA	KANG	BARA	MEGH	BAJA	KANG	BARA	MEGH	BAJA	KANG	BARA	MEGH	VARA	RANC
1 E H - 1810	105	127	100	111	86	103	70	112	87	78	89	44	113	93												
2 E H - 1820	93	125	107	108	91	92	75	97	70	80	84	38	70	83												
3 L - 183	102	123	86	104	86	85	58	85	87	83	81	45	78	96												
4 E H B - 1579	91	118	92	100	86	107	62	98	73	76	84	44	80	105												
5 K M H - 22168	107	130	83	106	82	100	73	83	77	59	81	40	98	84												
6 HYB R - 2006 - 2	112	130	94	112	76	102	68	92	80	58	81	46	85	93												
7 J H - 31153	92	127	91	103	74	93	78	100	73	34	85	43	90	92												
8 J H - 11320	105	128	97	110	79	82	67	97	70	86	80	40	80	98												
9 J H - 11508	107	118	88	104	64	90	73	123	80	77	85	42	110	96												
10 J H - 11535	113	125	82	107	85	112	88	127	67	101	97	45	95	105												
11 B H - 40625	102	122	80	101	87	110	90	110	77	94	95	48	90	89												
12 B H - 40702	112	133	85	110	79	97	75	140	67	85	90	44	83	88												
13 B H - 40703	102	123	92	106	87	103	73	120	75	87	91	43	105	107												
14 B H - 40704	113	132	97	114	93	95	70	115	77	79	88	51	100	87												
15 B H - 40705	96	127	102	108	83	92	75	118	80	97	91	52	98	85												
16 B H - 40706	99	130	100	110	84	105	77	115	80	74	89	57	93	86												
17 K D M - 322	102	123	85	103	88	72	67	100	70	110	84	47	65	98												
18 K D M - 438	77	122	90	96	88	100	70	88	67	72	81	46	75	115												
19 A H - 503	90	135	80	102	73	98	68	93	80	80	82	40	98	77												
20 A H - 504	100	133	93	109	94	105	70	90	83	72	86	52	90	85												
21 A H - 505	96	132	91	106	82	87	58	80	77	77	77	42	88	80												
22 A H - 507	96	123	82	100	78	83	67	90	70	79	78	39	83	72												
23 A H - 510	105	135	85	108	76	97	63	97	67	91	82	50	78	94												
24 H K H - 300M	103	128	91	107	82	88	72	103	77	86	85	52	88	95												
25 KAVERI - 218	109	125	82	105	90	103	70	98	59	76	83	52	88	95												
26 EURO - 1201	100	130	79	103	78	105	67	75	73	84	80	38	85	76												
27 K D M H - 1001	114	127	89	110	86	95	82	107	77	82	88	55	103	100												
28 C.P.828	105	130	94	106	85	98	75	113	83	88	91	43	108	103												
29 C.P.838	104	127	102	111	86	92	78	103	70	78	85	39	83	88												
30 X - 789	111	122	64	99	78	90	77	107	73	76	83	48	100	89												
31 P H S - 26	93	122	85	100	83	93	65	90	80	81	82	40	80	82												
32 HYBRID MAIZE C-302	103	127	95	108	87	75	73	98	73	78	81	42	88	81												
33 HYBRID MAIZE SAKTHI	107	125	104	112	82	113	73	102	80	71	87	44	85	114												
CHECKS:																										
34 BIO- 9637	101	128	102	111	86	105	73	118	83	102	95	43	113	94												
35 NAVJOT	92	127	89	102	87	93	70	110	80	74	86	42	93	81												
MEAN LOCATION	102	127	90	106	83	96	72	103	75	82	85	45	90	91												
C.D. AT 5%	15.6	15.6	16.4	15.9	17.3	20.4	10.6	30.0	23.2	11.3	18.8	9.8	7.1	22.3												
C.V. %	9.4	7.5	11.2	-	12.8	13.0	9.1	17.9	18.9	8.4	-	13.4	4.9	12.0												
F (Prob)	.004	.945	.001	-	.481	.018	.000	.022	.953	.000	-	.004	.000	.055												

TABLE NO. 2 (CONT.)

S1 NO PEDIGREE	EAR HEIGHT (cm)										ZN 4					ZN 5				
	JASH	AMBI	MEAN	ZN 3	HYDE	KARI	ARBH	MAND	KOLH	MEAN	UDAI	BANS	GODH	CHHI	MEAN	OV'L				
1 E H - 1810	63	96	82	77	78	108	120	85	94	78	44	56	123	76	89					
2 E H - 1820	64	86	68	70	61	85	99	73	77	82	45	60	102	72	80					
3 L - 183	68	82	74	72	62	83	98	95	82	77	33	60	115	71	81					
4 E H B - 1579	65	95	78	80	73	97	110	85	89	73	35	67	105	70	83					
5 K M H - 22168	54	94	74	82	72	93	105	73	85	58	36	56	98	62	80					
6 HYB R - 2006 - 2	64	93	76	88	73	99	104	78	88	83	38	56	95	68	83					
7 J H - 31153	61	84	74	85	58	89	105	98	87	58	55	63	98	69	83					
8 J H - 11320	62	91	74	73	61	96	109	100	88	75	54	54	108	73	83					
9 J H - 11508	63	116	85	97	76	108	114	80	95	78	36	65	105	71	87					
10 J H - 11535	70	116	86	93	65	107	110	95	98	82	37	56	125	75	92					
11 B H - 40625	68	100	79	100	82	105	119	98	101	62	49	75	102	72	89					
12 B H - 40702	62	88	73	88	76	97	113	70	89	83	44	60	93	70	85					
13 B H - 40703	73	111	88	80	77	90	121	113	96	82	73	74	118	87	93					
14 B H - 40704	69	94	80	97	70	95	120	68	90	93	46	75	90	76	88					
15 B H - 40705	66	94	79	92	80	99	113	105	98	87	34	70	95	71	89					
16 B H - 40706	72	101	82	97	82	106	114	85	97	92	50	67	115	81	90					
17 K D M - 322	51	88	70	70	63	84	103	83	81	85	42	60	107	73	81					
18 K D M - 438	56	94	77	72	65	92	98	75	80	82	54	62	98	74	81					
19 A H - 503	57	84	71	73	58	80	92	78	76	67	35	57	105	66	78					
20 A H - 504	69	90	77	83	68	99	108	88	89	82	43	60	115	75	86					
21 A H - 505	65	72	69	80	55	84	102	88	82	87	40	56	90	68	79					
22 A H - 507	56	83	66	78	77	86	88	80	82	73	44	61	98	69	78					
23 A H - 510	68	92	76	75	81	91	96	70	82	68	39	42	100	62	81					
24 H X H - 300M	66	98	79	95	65	86	106	95	85	68	32	64	97	65	83					
25 KAVERI - 218	66	105	81	92	79	97	116	95	96	78	55	57	123	78	87					
26 EURO - 1201	60	89	70	73	72	91	97	68	80	68	55	54	115	73	80					
27 K D M H - 1001	68	94	84	90	63	99	115	123	98	88	47	63	102	75	90					
28 C.P.828	67	98	84	80	70	104	118	113	97	80	38	58	115	73	89					
29 C.P.838	63	95	74	87	66	100	103	73	86	82	43	62	112	75	84					
30 K - 789	69	97	81	90	72	94	95	80	86	87	49	65	115	79	85					
31 P H S - 26	67	90	72	83	72	94	107	105	92	72	40	62	103	69	82					
32 HYBRID MAIZE C-302	57	95	72	72	62	93	108	73	81	75	42	53	112	70	81					
33 HYBRID MAIZE SAKTHI	70	106	84	100	73	99	113	75	92	78	49	67	98	73	88					
CHECKS:																				
34 BIO- 9637	72	93	83	90	73	103	112	125	101	117	48	67	107	85	94					
35 NAVJOT	68	98	76	93	73	81	98	73	84	75	33	55	110	68	82					
MEAN LOCATION	64	94	77	84	71	95	107	87	89	79	44	61	106	72	85					
C.D. AT 5%	4.5	12.7	11.3	23.5	9.3	7.3	17.3	37.7	18.6	16.2	2.9	7.7	16.2	10.7	-					
C.V. %	4.3	8.3	-	15.8	8.1	4.8	9.9	21.4	-	12.6	3.9	7.8	9.4	-	-					
F (Prob)	.000	.000	-	.098	.000	.000	.008	.159	-	.000	.000	.000	.000	-	-					

TABLE NO. 2 (CONT.)

Sl No	PEDIGREE	GRAIN SHELLING %										ZN 2		ZN 3		
		BAJA	KANG	MEAN	LU DH	KARN	PANC	PANT	KANP	MEAN	BELI	VARA	RANC	JASH	AMBI	MEAN
1	E H - 1810	80.4	80.5	80.5	65.6	78.8	83.0	83.5	72.0	76.6	77.0	73.5	80.0	76.4	73.5	76.1
2	E H - 1820	81.6	82.0	81.8	80.0	75.5	81.8	83.5	77.0	79.6	73.7	73.3	75.0	76.7	83.5	76.4
3	L - 183	79.2	79.5	79.3	77.3	80.0	83.3	84.2	76.0	80.2	75.1	71.3	87.5	77.4	75.0	77.3
4	E H B - 1579	79.2	81.0	80.1	75.0	86.7	83.3	82.8	78.0	81.2	75.3	73.5	66.7	75.7	77.5	73.7
5	K M H - 22168	79.3	79.5	79.4	78.1	90.7	83.4	83.7	74.5	82.1	77.3	75.8	83.3	76.3	81.5	78.8
6	HYB R - 2006 - 2	80.0	81.0	80.5	75.7	86.7	82.2	82.8	74.5	80.4	74.4	76.3	83.3	77.3	81.5	78.6
7	J H - 31153	83.7	82.5	83.1	72.0	83.3	84.0	84.3	76.0	79.9	79.6	78.5	83.3	77.4	84.0	80.6
8	J H - 11320	79.4	81.0	80.2	85.7	84.3	80.2	84.4	73.5	81.6	74.1	73.8	85.7	78.6	85.5	79.5
9	J H - 11508	80.3	79.0	79.4	80.6	85.7	85.5	84.8	74.5	82.2	74.5	73.3	77.8	76.8	78.5	76.2
10	J H - 11535	79.8	79.0	79.4	80.4	83.1	80.0	83.3	75.5	80.4	77.0	75.8	80.0	77.6	82.0	78.5
11	B H - 40625	78.5	79.0	78.8	80.4	80.6	84.2	85.0	76.0	81.2	77.8	74.0	75.0	77.4	77.5	76.3
12	B H - 40702	53.1	79.5	66.3	80.7	83.3	80.1	83.5	73.0	80.1	74.3	73.3	85.7	77.0	83.0	78.7
13	B R - 40703	79.5	79.0	79.2	78.6	83.1	85.5	84.2	74.5	81.2	74.1	73.8	80.0	77.7	88.0	76.7
14	B H - 40704	79.0	78.5	78.7	81.7	85.3	84.0	83.9	73.5	81.7	77.6	73.8	77.8	78.3	75.5	76.6
15	B H - 40705	78.0	78.5	78.3	80.0	85.3	84.0	84.4	74.5	81.6	77.4	74.8	50.0	77.0	76.0	71.0
16	B H - 40706	82.8	77.5	80.1	73.3	75.6	83.0	84.0	71.0	77.4	79.0	73.8	83.3	77.5	83.0	79.3
17	K D M - 322	77.8	80.0	78.9	75.0	84.4	84.4	83.1	78.5	81.1	76.0	75.3	85.7	79.7	79.5	79.2
18	K D M - 438	77.4	79.5	78.5	76.9	81.8	82.8	82.4	76.0	80.0	77.5	75.3	83.3	77.1	78.0	78.2
19	A H - 503	81.2	83.0	82.1	80.0	86.6	82.2	82.8	75.0	81.3	75.8	75.5	80.0	79.6	84.5	79.1
20	A H - 504	83.0	82.0	82.5	81.6	79.4	84.2	84.9	77.5	81.5	76.6	78.3	80.0	78.4	83.0	79.3
21	A H - 505	82.4	82.5	82.4	83.3	88.9	80.0	83.8	74.5	82.1	76.2	78.3	85.7	79.0	79.5	79.7
22	A H - 507	77.7	79.5	78.6	78.8	83.3	83.0	83.6	74.0	80.5	75.3	73.8	75.0	78.3	80.0	76.5
23	A H - 510	80.6	81.0	80.8	76.9	74.4	81.1	84.2	73.5	78.0	73.8	79.5	75.0	78.9	80.5	77.5
24	H K H - 300M	80.3	81.0	80.6	81.8	86.2	83.3	84.1	75.0	82.1	74.6	76.3	85.7	79.8	82.0	79.7
25	KAVERI - 21B	81.8	80.5	81.2	84.5	85.1	81.8	82.5	74.5	81.7	75.4	74.3	85.7	79.8	83.0	79.6
26	EURO - 1201	81.0	81.5	81.3	80.0	79.8	80.5	82.8	75.5	79.7	75.0	75.8	80.0	78.1	84.5	78.7
27	K D M H - 1001	81.1	82.5	81.8	82.9	86.7	84.2	83.6	78.0	83.1	74.2	76.3	75.0	80.2	82.5	77.6
28	C.P.828	84.7	79.0	81.8	79.2	83.2	78.9	83.4	75.0	79.9	75.9	75.0	85.7	77.9	85.5	82.8
29	C.P.838	79.9	80.0	79.9	86.8	81.1	80.3	85.7	73.0	81.4	77.8	82.0	89.9	79.1	85.5	82.8
30	X - 789	82.9	83.0	82.9	81.3	85.3	83.4	83.6	74.0	81.5	75.2	79.0	87.5	79.7	83.5	81.0
31	P H S - 26	80.6	79.0	79.8	78.8	80.0	84.0	83.8	75.0	80.3	74.2	74.8	80.0	78.0	81.5	77.7
32	HYBRID MAIZE C-302	79.9	77.5	78.7	77.8	90.0	81.2	83.6	72.5	81.0	74.3	77.5	85.7	77.7	81.5	79.3
33	HYBRID MAIZE SAKTHI	79.3	78.5	78.9	73.7	75.5	81.8	82.8	75.0	77.7	74.3	74.0	89.9	77.5	82.0	79.5
CHECKS:																
34	BIO- 9637	79.9	80.0	80.0	79.4	86.7	80.0	84.3	72.0	80.5	74.6	73.5	75.0	78.8	85.0	77.4
35	NAVJOT	81.4	80.0	80.7	80.0	82.2	85.5	82.7	74.0	80.9	74.4	79.8	80.0	75.8	81.5	78.3
MEAN LOCATION																
C.D. AT 5% =																
C.V. % =																
F (Prob) =																

TABLE NO. 2 (CONT.)

Sl No	PEDIGREE	STAND AT HARVEST				MEGH DELH	LUDDH	KARN	PANC	PANT	KAMP	GORA	
		BAJA	KANG	BARA	DMRD							BELI	VARA
1	E H - 1810	25	24	23	32	36	28	16	36	36	26	38	29
2	E H - 1820	29	23	25	30	37	30	18	39	37	27	34	32
3	L - 183	32	23	23	30	38	28	19	35	35	24	37	26
4	E H B - 1579	31	25	23	29	37	32	20	37	37	24	35	22
5	K M H - 22168	31	25	24	28	35	30	18	36	36	23	37	32
6	HYB R - 2006 - 2	24	25	23	28	35	26	15	34	37	24	37	27
7	J H - 31153	32	23	25	34	39	28	17	30	37	33	38	28
8	J H - 11320	33	25	22	32	40	29	22	35	38	25	38	35
9	J H - 11508	28	24	24	33	39	31	21	27	37	29	38	30
10	J H - 11535	28	23	24	34	38	28	25	34	35	27	31	32
11	B H - 40625	30	24	21	33	39	29	21	33	36	26	38	22
12	B H - 40702	29	24	24	33	38	32	23	36	37	27	37	28
13	B H - 40703	30	24	24	34	39	30	22	36	35	26	38	25
14	B H - 40704	27	24	22	34	38	29	20	35	39	30	38	24
15	B H - 40705	28	23	25	33	35	27	15	34	36	23	37	21
16	B H - 40706	33	25	22	32	37	29	19	36	36	33	36	25
17	K D M - 322	30	25	23	35	37	30	17	36	35	28	37	24
18	K D M - 438	39	24	24	34	37	29	19	39	36	24	36	23
19	A H - 503	31	24	21	34	37	33	15	32	37	24	36	21
20	A H - 504	30	26	25	33	40	31	18	35	37	27	38	26
21	A H - 505	30	25	24	36	36	28	21	36	35	26	39	24
22	A H - 507	30	25	23	34	37	29	19	35	36	27	36	27
23	A H - 510	27	23	25	35	37	28	24	35	35	30	36	31
24	H K H - 300M	31	26	24	35	37	29	21	33	38	26	36	30
25	KAVERI - 218	29	24	23	35	38	26	20	35	34	27	38	27
26	EURO - 1201	34	23	22	35	40	29	21	33	38	28	36	28
27	K D M H - 1001	35	24	21	36	37	34	23	38	36	25	36	28
28	C.P.828	29	23	25	35	37	30	21	35	37	29	35	30
29	C.P.838	31	23	24	36	40	29	22	36	37	33	37	25
30	X - 789	34	23	24	32	39	31	22	37	37	29	38	31
31	P H S - 26	28	24	23	34	37	26	17	36	36	16	38	24
32	HYBRID MAIZE C-302	29	23	24	31	38	30	19	33	35	27	37	29
33	HYBRID MAIZE SAKTHI	29	24	25	36	35	29	22	32	35	30	36	31
CHECKS:													
34	BIO- 9637	30	23	26	35	36	28	23	36	36	28	37	24
35	NAVJOT	28	24	27	33	36	28	23	36	37	25	39	27
MEAN LOCATION													
C.D. AT 5%		7.4	2.2	4.7	3.2	2.9	3.3	7.2	5.5	2.1	3.9	1.9	4.9
C.V. %		15.0	5.6	12.2	5.8	4.7	6.9	22.2	9.7	3.5	9.0	3.1	8.9
F (Prob)		.259	.260	.910	.000	.008	.001	.415	.087	.001	.000	.000	.000

TABLE NO. 2 (CONT.)

Sl No	PEDIGREE	STAND AT HARVEST											OV'L MEAN
		JASH	AMBI	HYDE	KARI	ARBH	MAND	KOLH	UDAI	BANS	GODH	CHHI	
1	E H - 1810	30	22	34	25	26	29	37	30	27	26	38	29
2	E H - 1820	28	29	29	31	36	32	38	31	26	31	36	31
3	L - 183	29	27	34	27	35	33	40	31	24	25	35	30
4	E H B - 1579	30	23	37	26	32	33	37	27	26	31	38	30
5	K M H - 22168	29	32	35	28	29	32	38	28	26	32	34	30
6	HYB R - 2006 - 2	28	24	31	21	26	33	38	24	27	26	30	28
7	J H - 31153	31	28	36	28	34	33	40	39	26	31	36	32
8	J H - 11320	29	34	35	28	37	29	32	36	26	26	38	31
9	J H - 11508	30	35	31	30	35	32	39	39	26	32	38	32
10	J H - 11535	30	31	33	28	32	29	37	30	27	27	38	30
11	B H - 40625	28	28	30	32	33	30	35	31	24	31	34	30
12	B H - 40702	29	23	32	28	29	32	39	40	26	29	34	31
13	B H - 40703	30	28	31	22	34	31	34	35	26	30	38	30
14	B H - 40704	29	25	33	30	28	31	38	37	27	26	34	30
15	B H - 40705	29	21	30	23	16	28	35	29	27	18	23	27
16	B H - 40706	29	28	35	25	32	29	36	33	28	29	34	30
17	K D M - 322	30	27	31	27	33	33	37	28	24	30	35	30
18	K D M - 438	28	25	35	28	30	32	34	35	27	23	34	30
19	A H - 503	29	30	34	23	31	28	39	35	26	28	35	30
20	A H - 504	29	25	37	24	34	31	40	25	26	29	35	30
21	A H - 505	28	27	34	29	33	35	39	31	25	27	32	30
22	A H - 507	28	25	35	21	34	32	37	32	26	30	35	30
23	A H - 510	31	27	35	29	32	27	39	32	27	29	36	31
24	H K H - 300M	29	26	38	25	33	32	40	24	25	28	35	30
25	KAVRI - 218	28	29	36	27	31	31	35	33	25	25	35	30
26	EURO - 1201	29	29	34	29	35	32	35	31	27	29	33	31
27	K D M H - 1001	30	27	32	26	37	29	40	28	27	31	38	31
28	C.P.828	30	25	31	30	37	32	40	31	27	33	39	31
29	C.P.638	31	28	31	30	31	28	31	38	29	30	36	31
30	X - 789	30	36	37	36	36	32	38	38	26	28	38	33
31	P H S - 26	29	25	33	18	19	32	40	27	25	25	30	28
32	HYBRID MAIZE C-302	29	28	32	27	35	33	39	37	27	25	37	31
33	HYBRID MAIZE SAKTHI	29	35	38	28	37	27	36	31	27	30	36	31
CHECKS:													
34	BIO- 9637	28	28	36	30	37	32	40	37	28	30	38	31
35	NAVJOT	28	29	37	24	32	34	40	28	27	27	35	31
MEAN LOCATION													
C.D. AT 5%		2.8	5.0	6.0	3.8	5.1	5.1	7.8	3.1	3.2	4.9	6.6	-
C.V. %		5.8	11.0	10.9	8.7	9.9	10.0	10.3	5.8	7.4	10.8	11.5	-
F (Prob)		.854	.000	.127	.000	.000	.228	.749	.000	.340	.000	.038	-

TABLE NO. 3

PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS AT BAJAURA, KANGRA, BARAPANI MECHALAYA, DMRD DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR, VARANASI, RANCHI, JASHIPUR, AMBIKAPUR, HYDERABAD, KARIMNAGAR, ARBHAVI, MANDYA, COIMBATORE, KOLHAPUR, UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA IN IET, TRIAL NO. TR62A DURING KHARIF (2007).

Sl. No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												ZN 2																												
		MEGH			DELH			LUDH			KARN				PANT			KANP			R MEAN																					
		BAJA	R	KANG	R	BARA	R	MEAN	R	DMRD	R	LUDH	R	KARN	R	PANT	R	MEAN	R	DMRD	R	LUDH	R	KARN	R	PANT	R	MEAN	R	DMRD	R	LUDH	R	KARN	R	PANT	R	MEAN				
1	H K H 302	6512	5	6635	4	2389	4	5178	5	3422	4	7380	3	7312	5	7946	5	4874	6	6187	5																					
2	K L M - 1	5332	6	6870	2	2466	2	4889	6	2953	6	7195	4	8247	4	7834	6	5355	3	6317	4																					
3	BISCO - 111	7901	3	7069	1	2380	5	5783	1	4705	1	9250	2	10348	2	8528	3	5790	1	7724	2																					
4	BISCO - 555	7944	2	6336	6	2425	3	5568	4	4647	2	9981	1	11556	1	9075	1	5581	2	8168	1																					
CHECKS:																																										
5	BIO - 9637	8066	1	6398	5	2644	1	5703	2	3531	3	7081	5	8373	3	8807	2	5302	4	6619	3																					
6	NAVJOT	7635	4	6803	3	2331	6	5590	3	3334	5	4329	6	7220	6	7976	4	5208	5	5614	6																					
	MEAN YIELD=	7232		6685		2439		5452		3765		7536		8843		8361		5352		6771																						
	MEAN STAND	30		24		24		26		32		37		30		36		33		33																						
	C.D. AT 5%	1118		956		399		825		771		1629		629		1620		732		1076																						
	C.V. %	10.37		7.96		10.97		-		11.39		12.03		3.96		12.99		9.17		-																						
	F (Prob)	.000		.383		.841		-		.001		.000		.000		.409		.149		-																						
	PLOT SIZE=	4.80		3.60		6.00		-		6.00		4.80		5.60		6.00		4.80		-																						
AGRONOMY DATA:																																										
	SOWING DATE(2007)	25-06		30-06		-		-		30-06		3-07		1-07		6-07		19-07		-																						
	HARVEST DATE(2007)	9-10		29-09		-		-		10-10		17-10		1-10		6-11		25-10		-																						
	IRRIGATION Nos	2		-		-		-		1		6		5		3		-		-																						
	FERTILIZER APPLIED N	120		120		-		-		120		125		150		120		100		-																						
	P	60		60		-		-		60		60		60		60		50		-																						
	K	40		40		-		-		40		-		60		40		50		-																						

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : DHOL 28.1%

TABLE NO. 3 (CONT.)

SI	GRAIN YIELD (kg/ha) AT 15% MOISTURE																																			
	VARA R						RANC R						JASH R						AMBI R						MEAN R						ZN 3					
No PEDIGREE	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
1 H K H 302	5460	6	1536	6	5259	4	4247	4	4126	6	4911	6	6417	3	5910	4	7745	3																		
2 K L M - 1	6746	5	2123	2	5235	5	3907	5	4503	5	7120	1	5667	5	5862	5	7013	4																		
3 BISCO - 111	7332	3	2040	3	5838	1	5966	1	5294	1	5915	5	8012	1	8768	1	10898	1																		
4 BISCO - 555	8177	1	2000	4	5411	3	5388	3	5244	2	6117	4	7547	2	7809	2	9295	2																		
CHECKS:																																				
5 BIO - 9637	7166	4	2159	1	5532	2	5434	2	5073	3	6254	3	6115	4	7276	3	6709	5																		
6 NAVJOT	7549	2	1955	5	5162	6	3687	6	4588	4	7056	2	3991	6	4841	6	6686	6																		
MEAN YIELD=	7072		1969		5406		4772		4805		6229		6292		6744		8058																			
MEAN STAND	37		19		31		29		29		30		30		33		31																			
C.D. AT 5%	1767		341		570		1212		973		1654		1057		1340		1113																			
C.V. %	16.75		9.65		7.07		17.03		-		17.80		11.26		13.31		9.26																			
F (Prob)	.042		.008		.079		.000		-		.221		.000		.000		.000																			
PLOT SIZE=	4.80		5.60		4.80		6.00		-		6.00		6.00		6.00		5.60																			
AGRONOMY DATA:																																				
SOWING DATE(2007)	26-06		27-07		11-07		9-07		-		2-07		16-07		20-07		14-07																			
HARVEST DATE(2007)	3-10		14-11		3-11		-		-		24-10		13-11		9-11		22-11																			
IRRIGATION Nos	2		-		-		-		-		1		6		5		7																			
FERTILIZER APPLIED N	100		100		120		100		-		120		120		150		150																			
P	40		60		60		60		-		60		60		75		75																			
K	40		40		60		40		-		40		40		38		40																			

TABLE NO. 3 (CONT.)

S1 No PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												OV'L					
	ZN 4				ZN 5				OV'L				MEAN R					
	COIM R	KOLH R	MEAN R	UDAL R	BANS R	GODH R	CHHI R	GODH R	CHHI R	MEAN R	MEAN R	MEAN R	MEAN R	MEAN R	MEAN R			
1 H K H 302	8227	4	3387	6	6100	5	8397	3	1865	6	5032	1	9594	5	6222	3	5657	4
2 K L M - 1	7799	5	5585	2	6508	4	6414	5	2611	2	2145	6	9609	4	5195	5	5640	5
3 BISCO - 111	11067	2	4561	3	8204	1	12035	1	2655	1	4651	2	12656	2	7999	1	7199	1
4 BISCO - 555	11479	1	6046	1	8049	2	6518	4	2201	4	2683	5	12562	3	5991	4	6854	2
CHECKS:																		
5 BIO - 9637	10168	3	3871	4	6732	3	9201	2	2001	5	4594	3	13109	1	7226	2	6354	3
6 NAVJOT	6565	6	3687	5	5471	6	4683	6	2508	3	3503	4	8781	6	4869	6	5250	6
MEAN YIELD=	9217		4523		6844		7875		2307		3768		11052		6250		6159	
MEAN STAND	26		43		32		35		26		27		37		31		31	
C.D. AT 5%	1422		834		1237		1093		537		489		1324		861		1028	
C.V. %	10.34		12.37		-		9.30		15.62		8.70		8.03		-		-	
F (Prob)	.000		.000		-		.000		.542		.000		.000		-		-	
PLOT SIZE=	4.80		6.00		-		4.80		4.80		4.80		5.60		-		-	
AGRONOMY DATA:																		
SOWING DATE (2007)	28-07		13-07		-		2-07		16-07		13-07		5-07		-		-	
HARVEST DATE (2007)	22-11		21-11		-		20-10		26-10		16-10		21-10		-		-	
IRRIGATION Nos	9		-		-		1		-		1		-		-		-	
FERTILIZER APPLIED N	135		120		-		90		100		100		100		-		-	
P	63		60		-		60		40		50		60		-		-	
K	50		40		-		-		-		-		40		-		-	

TABLE NO. 3 (CONT.)

GRAIN YIELD & SUPERIORITY OVER THE BIO - 9637															
Sl	MEGH ZN 1 DELH														
No PEDIGREE	BAJA	KANG	BARA	MEAN	DMRD	LUDH	KARN	PANT	KANP	MEAN	VARA	RANC	JASH	AMBI	ZN 3 MEAN
1 H K H 302	-	3.69	-	-	4.21	-	-	-	-	-	-	-	-	-	-
2 K L M - 1	-	7.38	-	-	1.61	-	-	1.02	-	-	-	-	-	-	-
3 BISCO - 111	-	10.49	-	1.41	33.25	30.63	23.60	-	9.21	16.70	2.32	-	5.53	9.79	4.36
4 BISCO - 555	-	-	-	-	31.61	40.95	38.02	3.04	5.27	23.41	14.10	-	-	-	3.38
CHECKS:															
5 BIO - 9637	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 NAVJOT	-	6.33	-	-	-	-	-	-	-	-	5.34	-	-	-	-

GRAIN YIELD & SUPERIORITY OVER THE BIO - 9637														
Sl	ZN 4													
No PEDIGREE	HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN	UDAI	RANS	GODH	CHHI	ZN 5 MEAN	OV'L MEAN	
1 H K H 302	-	4.95	-	15.44	-	-	-	-	-	9.52	-	-	-	
2 K L M - 1	13.84	-	-	4.54	-	44.28	-	-	30.47	-	-	-	-	
3 BISCO - 111	-	31.03	20.51	62.44	8.84	17.83	21.86	30.80	32.71	1.24	-	10.70	13.29	
4 BISCO - 555	-	23.41	7.32	36.54	12.90	56.19	19.56	-	9.98	-	-	-	7.86	
CHECKS:														
5 BIO - 9637	-	-	-	-	-	-	-	-	-	-	-	-	-	
6 NAVJOT	12.82	-	-	-	-	-	-	-	25.33	-	-	-	-	

TABLE NO. 3 (CONT.)

SI No	PEDIGREE	DAYS TO 50% POLLEN SHED										ZN 2 MEAN	ZN 3 MEAN		
		BAJA	KANG	BARA	MEGH	ZN 1 MEAN	DELH	DMD	LUDH	KARN	KANP			VARA	RANC
1	H K H 302	57.8	48.7	54.5	53.6	56.7	51.0	50.0	54.8	53.1	49.3	57.7	50.8	49.0	51.7
2	K L M - 1	58.8	49.0	54.0	53.9	54.0	49.3	47.7	55.0	51.5	48.0	55.3	47.5	48.0	49.7
3	BISCO - 111	55.5	47.7	53.0	52.1	57.7	53.3	52.3	58.3	55.4	51.3	60.0	50.0	50.5	52.9
4	BISCO - 555	60.3	50.0	52.5	54.3	55.7	51.7	51.3	56.3	53.7	50.5	57.7	52.3	51.0	52.9
CHECKS:															
5	BIO - 9637	57.5	50.7	55.0	54.4	57.3	52.7	50.7	54.0	53.7	51.5	57.7	51.5	51.3	53.0
6	NAVJOT	59.0	47.3	56.0	54.1	52.7	48.0	46.3	53.0	50.0	47.8	54.7	45.8	46.3	48.6
MEAN LOCATION															
	C.D. AT 5%#	1.5	4.0	0.6	2.0	2.1	2.0	1.4	1.9	1.8	0.8	1.6	1.8	1.4	1.4
	C.V. %	1.8	4.5	0.7	-	2.0	2.2	1.5	2.2	-	1.1	1.6	2.4	1.8	-
	F (Prob)	.000	.455	.000	-	.002	.001	.000	.000	-	.000	.000	.000	.000	-

SI No	PEDIGREE	DAYS TO 50% POLLEN SHED										ZN 5 MEAN	OV'L MEAN		
		HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH			CHHI	
1	H K H 302	54.0	47.8	58.0	52.5	54.3	62.3	54.8	50.8	47.5	51.5	53.5	50.8	53.0	
2	K L M - 1	53.5	45.3	55.0	50.0	51.5	61.5	52.8	49.5	46.0	50.5	54.0	50.0	51.6	
3	BISCO - 111	53.8	48.0	56.8	52.3	54.0	61.8	54.4	56.3	50.5	50.3	58.3	53.8	53.9	
4	BISCO - 555	53.0	48.0	57.8	53.8	53.5	61.8	54.6	51.3	49.0	51.5	58.0	52.4	53.6	
CHECKS:															
5	BIO - 9637	52.8	48.5	57.3	53.3	55.3	61.5	54.8	48.5	51.5	50.5	58.8	52.3	53.7	
6	NAVJOT	54.0	47.0	55.0	49.5	51.5	62.0	53.2	47.5	48.8	49.3	53.0	49.6	51.2	
MEAN LOCATION															
	C.D. AT 5%#	1.5	0.7	1.7	1.2	1.9	1.1	1.4	2.8	1.7	0.6	1.0	1.6	-	
	C.V. %	1.8	1.0	2.0	1.5	2.3	1.2	-	3.7	2.4	0.8	1.2	-	-	
	F (Prob)	.371	.000	.005	.000	.003	.697	-	.000	.000	.000	.000	-	-	

TABLE NO. 3 (CONT.)

Sl No	PEDIGREE	DAYS TO 50% SILKING										ZN 2 MEAN	ZN 3 MEAN				
		BAJA	KANG	MEGH	ZN 1 MEAN	DELH	DMRD	LUDH	KARN	PANT	KANP			VARA	RANC	JASH	AMBI
1	H K H 302	60.3	51.3	57.5	56.4	59.3	52.7	52.7	52.7	56.3	59.3	56.0	54.0	61.0	53.8	51.8	55.1
2	K L M - 1	61.3	52.0	57.8	57.0	58.7	50.7	50.7	50.7	54.0	60.0	54.8	53.3	59.3	50.8	51.0	53.6
3	BISCO - 111	57.8	50.7	57.0	55.1	61.3	55.3	55.3	55.3	57.3	62.8	58.4	55.8	63.3	52.8	53.0	56.2
4	BISCO - 555	62.8	53.0	55.5	57.1	60.0	53.0	54.7	54.7	55.0	61.3	56.8	55.0	61.3	54.8	55.8	56.7
CHECKS:																	
5	BIO - 9637	60.0	53.0	58.0	57.0	60.3	54.0	53.3	56.5	58.8	56.6	56.6	56.8	61.7	53.8	54.3	56.6
6	NAVJOT	61.3	50.3	59.3	56.9	57.7	50.0	48.3	54.5	60.3	54.2	54.0	58.7	49.8	49.3	52.9	52.9
MEAN LOCATION																	
	C.D. AT 5% =	1.5	3.8	0.7	2.0	2.5	2.3	1.9	2.8	3.9	2.7	0.8	1.6	1.6	1.9	0.9	1.3
	C.V. % =	1.6	4.0	0.8	-	2.3	2.4	2.0	3.3	4.3	-	1.0	1.5	2.4	1.1	-	-
	F (Prob)	.000	.505	.000	-	.092	.004	.000	.158	.331	-	.000	.001	.000	.000	.000	-

Sl No	PEDIGREE	DAYS TO 50% SILKING										ZN 4 MEAN	ZN 5 MEAN	OV'L MEAN
		HYDE	KARI	ARBH	MAND	COIM	KOLH	UDAI	BANS	GODH	CHHI			
1	H K H 302	56.5	49.0	59.3	54.3	56.8	63.3	56.5	54.0	50.5	55.8	55.0	53.8	55.6
2	K L M - 1	57.0	49.0	56.0	52.0	54.5	62.8	55.2	53.5	49.0	52.5	55.8	52.7	54.6
3	BISCO - 111	56.3	50.5	58.0	54.3	56.3	62.8	56.3	59.3	53.5	52.3	60.0	56.3	56.6
4	BISCO - 555	56.5	49.8	59.3	54.5	56.3	62.8	56.5	55.0	52.3	53.5	59.5	55.1	56.4
CHECKS:														
5	BIO - 9637	55.8	50.5	59.0	54.8	57.3	62.5	56.6	52.3	54.5	57.5	60.3	56.1	56.6
6	NAVJOT	57.5	49.8	57.0	51.5	54.5	63.0	55.5	51.8	51.8	52.5	54.5	52.6	54.4
MEAN LOCATION														
	C.D. AT 5% =	1.5	0.8	1.5	1.2	1.4	1.2	1.2	3.1	1.7	0.7	1.2	1.7	-
	C.V. % =	1.7	1.1	1.7	1.4	1.6	1.2	-	3.7	2.2	0.9	1.4	-	-
	F (Prob)	.238	.004	.001	.000	.002	.811	-	.001	.000	.000	.000	-	-

TABLE NO. 3 (CONT.)

DAYS TO 75% DRY HUSK

SI	No PEDIGREE	MEGH		ZN 1		ZN 2		ZN 3							
		BAJA	KANG	BARA	MEAN	LUDH	KARN	PANT	KANP	MEAN	VARA	RANC	JASH	AMBI	MEAN
1	H K H 302	96.5	88.7	100.8	95.3	87.3	85.7	87.5	86.8	86.8	85.8	107.3	90.3	92.5	94.0
2	K L M - 1	97.0	87.7	100.0	94.9	89.0	84.7	86.0	87.0	86.7	85.8	109.0	88.0	89.5	93.1
3	BISCO - 111	97.3	88.3	100.8	95.4	92.3	87.7	89.0	90.5	89.9	88.5	108.7	89.8	91.3	94.5
4	BISCO - 555	97.0	88.3	99.5	94.9	87.3	86.3	86.8	86.0	86.6	86.5	109.0	90.0	92.5	94.5
CHECKS:															
5	BIO - 9637	97.3	88.7	100.8	95.6	91.3	87.3	87.8	87.3	88.4	88.3	108.7	91.3	89.8	94.5
6	NAVJOT	92.0	87.7	101.0	93.6	88.3	84.7	87.5	86.8	86.8	86.5	109.0	88.5	89.3	93.3
MEAN LOCATION															
	C.D. AT 5%	0.9	2.8	1.3	1.7	2.0	2.4	3.5	3.4	2.8	1.7	0.9	2.0	0.9	1.4
	C.V. %	0.6	1.6	0.8	-	1.2	1.5	2.7	2.6	-	1.3	0.4	1.5	0.6	-
	F (Prob)	.000	.925	.161	-	.001	.075	.607	.148	-	.011	.010	.037	.000	-

DAYS TO 75% DRY HUSK

SI	No PEDIGREE	HYDE		KARI		ARBH		MAND		COIM		KOLH		ZN 4		ZN 5		OV'L	
		MEAN	STDEV	MEAN	STDEV	MEAN	STDEV	MEAN	STDEV	MEAN	STDEV	MEAN	STDEV	MEAN	STDEV	MEAN	STDEV	MEAN	STDEV
1	H K H 302	99.0	84.3	101.5	96.0	101.8	98.3	96.8	85.0	82.5	84.8	88.0	85.1	91.9					
2	K L M - 1	99.5	82.5	101.5	95.5	99.5	97.5	96.0	87.5	81.0	74.0	88.5	82.8	91.0					
3	BISCO - 111	96.5	85.0	101.3	96.5	101.0	97.8	96.3	96.0	85.3	75.0	90.3	86.6	92.8					
4	BISCO - 555	98.8	83.8	101.8	96.5	101.3	97.8	96.6	80.5	85.3	83.8	88.8	84.6	91.8					
CHECKS:																			
5	BIO - 9637	97.0	84.3	100.8	95.8	102.3	97.5	96.3	87.5	85.5	85.5	91.3	87.4	92.6					
6	NAVJOT	96.0	84.0	101.0	92.5	99.5	98.3	95.2	82.5	83.3	83.3	90.5	84.9	91.0					
MEAN LOCATION																			
	C.D. AT 5%	2.3	1.8	1.3	4.0	1.6	1.3	2.0	2.4	1.3	11.4	0.9	4.0	-					
	C.V. %	1.6	1.4	0.8	2.8	1.1	0.9	-	1.8	1.1	9.3	0.7	-	-					
	F (Prob)	.024	.156	.597	.314	.009	.662	-	.000	.000	.000	.000	-	-					

TABLE NO. 3 (CONT.)

SI NO PEDIGREE	MOISTURE & AT HARVEST										ZN 2		ZN 3			
	BAJA	KANG	BARA	MEGH	ZN 1	DELH	DMRD	LUDH	KARN	PANT	MEAN	VARA	RANC	JASH	AMBI	MEAN
1 H K H 302	21.1	28.9	21.5	23.8	25.8	22.4	29.5	27.2	26.2	26.2	25.8	20.3	18.3	14.5	19.7	
2 K L M - 1	19.0	26.9	20.8	22.2	25.7	25.6	27.1	26.5	26.2	26.2	24.6	21.1	19.4	14.4	19.9	
3 BISCO - 111	20.6	26.9	23.0	23.5	29.6	29.8	30.0	27.6	29.2	27.2	27.2	23.1	19.9	14.9	21.3	
4 BISCO - 555	20.2	26.9	21.3	22.8	23.5	24.9	27.5	27.9	25.9	27.4	23.0	19.2	15.1	21.2		
CHECKS:																
5 BIO - 9637	19.3	27.7	20.8	22.6	27.6	28.0	30.2	26.2	28.0	26.8	22.2	19.9	14.5	20.9		
6 NAVJOT	19.5	27.4	22.3	23.1	30.1	24.1	26.8	27.7	27.2	24.7	22.2	18.8	14.8	20.1		
MEAN LOCATION	20.0	27.4	21.6	23.0	27.0	25.8	28.5	27.2	27.1	26.1	22.0	19.3	14.7	20.5		
C.D. AT 5%	2.1	2.7	1.7	2.2	3.9	1.8	0.0	0.7	1.6	0.7	0.2	0.3	0.5	0.4		
C.V. %	6.9	5.4	5.3	-	8.0	3.7	0.0	1.8	-	1.8	0.5	1.0	2.2	-		
F (Prob)	.287	.573	.083	-	.028	.000	.000	.001	-	.000	.000	.000	.055	-		

SI NO PEDIGREE	MOISTURE & AT HARVEST										ZN 4		ZN 5		OV'L	
	HYDE	KARI	ARSH	MAND	COIM	KOLH	MEAN	UDAI	BANS	GODH	CHHI	MEAN	MEAN	MEAN	MEAN	MEAN
1 H K H 302	21.8	6.9	29.8	15.0	19.6	9.9	17.1	20.3	16.0	16.5	11.4	16.1	20.1			
2 K L M - 1	21.7	6.8	27.6	16.0	18.8	9.9	16.8	19.2	15.9	15.7	13.3	16.0	19.8			
3 BISCO - 111	25.0	8.8	35.4	15.1	20.3	9.6	19.0	21.3	15.4	18.8	13.4	17.2	21.7			
4 BISCO - 555	21.9	6.4	27.2	15.6	19.8	9.6	16.7	17.7	15.2	14.6	11.4	14.7	19.8			
CHECKS:																
5 BIO - 9637	21.6	8.4	31.6	14.5	20.1	10.2	17.7	20.0	15.9	12.8	14.0	15.7	20.6			
6 NAVJOT	21.5	6.8	23.2	14.9	19.3	9.4	15.9	19.0	16.4	15.1	11.0	15.4	19.8			
MEAN LOCATION	22.2	7.4	29.1	15.2	19.6	9.8	17.2	19.6	15.8	15.6	12.4	15.9	20.3			
C.D. AT 5%	1.7	0.7	1.2	1.4	0.4	0.3	1.0	1.6	0.2	0.6	1.5	1.0	-			
C.V. %	4.9	6.6	2.8	6.0	1.5	2.0	-	5.5	0.9	2.5	8.1	-	-			
F (Prob)	.002	.000	.000	.313	.000	.000	-	.005	.000	.002	.000	-	-			

TABLE NO. 3 (CONT.)

S1 No	PEDIGREE	PLANT HEIGHT (cm)															
		BAJA	KANG	BARA	MEGH	ZN 1 MEAN	DELH DMRD	LUJH	KARN	PANT	KANP	ZN 2 MEAN	VARA	RANC	JASH	AMBI	ZN 3 MEAN
1	H K H 302	186	230	178	198	198	135	153	167	210	157	164	188	234	146	230	199
2	K L M - 1	193	243	176	204	204	151	163	183	190	169	171	203	214	151	227	198
3	BISCO - 111	187	232	179	199	199	154	175	182	228	155	179	220	222	164	242	212
4	BISCO - 555	213	262	193	223	223	166	198	202	248	168	196	243	237	165	242	221
CHECKS:																	
5	BIO - 9637	211	225	193	210	210	176	208	188	253	168	199	218	252	174	265	227
6	NAVJOT	206	223	157	195	195	163	177	183	208	141	174	235	233	155	232	214
MEAN LOCATION																	
	C.D. AT 5%	25.9	28.1	25.4	26.5	26.5	12.1	19.8	31.7	29.3	16.4	21.9	2.5	23.8	5.8	22.4	13.6
	C.V. %	8.6	6.6	9.4	-	-	4.2	6.1	9.5	8.7	6.8	-	0.8	5.6	2.4	6.2	-
	F (Prob)	.136	.091	.077	-	-	.000	.001	.353	.002	.015	-	.000	.064	.000	.026	-

S1 No	PEDIGREE	PLANT HEIGHT (cm)												
		HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L MEAN
1	H K H 302	179	157	166	197	173	186	176	185	87	126	198	149	176
2	K L M - 1	176	158	170	195	176	174	175	176	113	133	208	157	179
3	BISCO - 111	184	165	189	198	181	184	183	189	114	176	214	173	188
4	BISCO - 555	209	182	191	209	196	186	195	211	116	168	219	178	201
CHECKS:														
5	BIO - 9637	209	180	202	209	185	173	193	214	92	165	246	179	200
6	NAVJOT	188	175	177	199	185	175	183	204	105	145	214	167	185
MEAN LOCATION														
	C.D. AT 5%	18.8	7.8	9.8	7.7	13.4	22.3	13.3	20.5	2.8	6.2	15.1	11.1	-
	C.V. %	6.6	3.0	3.6	2.5	4.9	8.2	-	6.9	1.8	2.7	4.6	-	-
	F (Prob)	.005	.000	.000	.002	.033	.563	-	.006	.000	.000	.000	-	-

TABLE NO. 3 (CONT.)

S1 No PEDIGREE	EAR HEIGHT (cm)										ZN 2		ZN 3				
	BAJA	KANG	MEGH	BARA	ZN 1 MEAN	DELH	DMRD	LUDH	KARN	PANT	KANP	MEAN	VARA	RANC	JASH	AMBI	MEAN
1 H K H 302	102	130	92	108	108	68	77	88	75	79	77	65	109	54	77	76	
2 K L M - 1	100	123	90	104	80	80	78	83	70	74	77	78	107	58	79	80	
3 BISCO - 111	95	123	94	104	76	93	87	87	90	77	85	85	119	71	88	91	
4 BISCO - 555	118	150	98	122	89	89	105	107	108	80	98	95	144	74	83	99	
CHECKS:																	
5 BIO - 9637	105	120	100	108	108	79	108	95	110	80	94	70	143	68	95	94	
6 NAVJOT	111	123	87	107	82	82	93	103	78	77	87	83	117	64	85	87	
MEAN LOCATION	105	128	93	109	79	79	93	94	88	78	86	79	123	65	84	88	
C.D. AT 5%	20.2	31.5	18.1	23.3	15.5	15.5	15.5	24.7	11.1	9.6	15.3	2.8	15.3	5.1	17.9	10.3	
C.V. %	12.8	13.5	12.9	-	10.8	9.2	14.5	8.4	8.2	-	-	2.3	6.8	5.2	14.1	-	
F (Prob)	.253	.362	.638	-	.157	.004	.286	.820	.000	.820	-	.000	.001	.000	.364	-	

S1 No PEDIGREE	EAR HEIGHT (cm)										ZN 4		ZN 5		OV'L		
	HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN	UDAI	BANS	GODH	CHHI	MEAN	OV'L	MEAN	MEAN	MEAN	
1 H K H 302	68	59	70	111	91	75	79	84	34	54	96	67	80	80	80		
2 K L M - 1	71	62	74	101	84	75	78	81	47	53	90	68	80	80	80		
3 BISCO - 111	74	81	86	110	96	79	87	83	45	79	103	77	88	88	88		
4 BISCO - 555	79	84	89	126	104	84	94	108	44	68	115	84	98	98	98		
CHECKS:																	
5 BIO - 9637	86	77	101	119	104	74	93	104	34	63	120	80	93	93	93		
6 NAVJOT	73	73	85	111	97	73	85	100	37	73	110	80	88	88	88		
MEAN LOCATION	75	73	84	113	96	77	86	93	40	65	106	76	88	88	88		
C.D. AT 5%	11.9	4.6	6.3	11.0	8.0	15.8	9.6	10.7	3.0	10.7	15.0	9.9	-	-	-		
C.V. %	10.5	4.2	5.0	6.5	5.5	13.7	-	7.7	5.0	10.9	9.4	-	-	-	-		
F (Prob)	.055	.000	.000	.005	.000	.717	-	.000	.001	.005	.000	-	-	-	-		

TABLE NO. 3 (CONT.)

Sl No	PEDIGREE	STAND AT HARVEST										HYDE		
		BAJA	KANG	BARA	MEGH	DELH	DMPD	LUJH	KARN	PANT	KANP		VARA	RANC
1	H K H 302	31	25	25	33	35	27	37	32	36	18	31	26	33
2	K L M - 1	29	25	24	33	36	28	35	33	38	19	29	27	30
3	BISCO - 111	29	25	24	31	38	32	37	33	37	19	32	32	30
4	BISCO - 555	33	23	23	33	37	33	37	33	37	20	31	29	31
CHECKS:														
5	BIO - 9637	29	24	24	31	39	27	36	32	37	18	31	33	31
6	NAVJOT	32	24	24	30	36	29	35	35	39	20	30	29	28
MEAN LOCATION														
	C.D. AT 5%	3.0	2.3	3.5	4.3	3.3	3.7	3.9	2.0	2.3	1.8	3.0	2.6	4.8
	C.V. %	6.5	5.2	9.7	7.4	4.9	6.9	7.2	4.1	4.1	5.4	6.6	6.0	10.6
	F (Prob)	.020	.509	.873	.650	.247	.013	.730	.179	.118	.199	.282	.000	.535

Sl No	PEDIGREE	STAND AT HARVEST										OV'L MEAN
		KARI	ARBH	MAND	COIM	KOLH	UDAI	BANS	GODH	CHHI		
1	H K H 302	29	31	32	31	44	40	27	27	27	38	31
2	K L M - 1	29	31	31	25	41	34	26	28	28	38	30
3	BISCO - 111	28	35	30	27	42	38	26	31	36	31	31
4	BISCO - 555	33	32	32	23	43	35	26	25	38	31	31
CHECKS:												
5	BIO - 9637	29	37	29	28	44	33	26	22	35	31	31
6	NAVJOT	31	33	31	24	45	32	26	30	38	31	31
MEAN LOCATION												
	C.D. AT 5%	6.2	3.5	4.2	5.9	4.1	3.8	3.7	5.3	5.7	-	-
	C.V. %	13.8	6.9	9.1	14.9	6.3	7.2	9.5	13.1	10.2	-	-
	F (Prob)	.538	.016	.740	.137	.328	.005	.987	.030	.796	-	-

TABLE NO. 4

PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT ALMORA, BAJAURA, KANGRA, BARAPANI MEGHALAYA, DMRD DELHI LUDHIANA, KARNAL, PANTNAGAR, KANPUR, BELIPAR GOPAKHPUR, VARANASI, DHOLI, RANCHI, JASHIPUR, AMBIKAPUR, HYDERABAD, KARIMNAGAR ARBHAVI, MANDYA, COIMBATORE, KOLHAPUR, UDAIPUR, BANSWARA, GODHRA, CHHINDWARA IN IET, TRIAL No. TR63 DURING KHARIF (2007).

S1	No PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE																																																																																																																																																																																																																																																																																																																																																																																																											
		ALMO				BAJA				KANG				BARA				MECH				ZN 1				DELHI																																																																																																																																																																																																																																																																																																																																																																																			
		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	MEAN	R	MEAN	R	MEAN	R	MEAN	R																																																																																																																																																																																																																																																																																																																																																																								
1	E H - 1731	10872	9	7394	17	7122	3	2450	3	6960	9	4341	16	5914	9	4864	11	4759	7	5733	12	5122	12	9391	18	8301	8	6616	11	2335	12	6661	16	5071	13	5429	12	4019	21	4988	3	5132	18	4928	16	11494	6	8861	6	6974	5	2411	8	7435	4	4807	14	5262	16	5325	5	5220	1	5133	17	5149	11	8489	22	6098	21	6804	7	2420	7	5953	22	2716	22	3348	22	4283	19	4587	11	4928	21	3972	22	10125	14	5456	22	6421	15	2214	17	6054	21	3210	20	6096	7	3900	22	4139	21	5074	19	4484	19	12131	4	6899	18	5867	21	2387	10	6821	12	7235	2	6002	8	4299	18	4666	8	5956	7	5632	6	8948	19	9278	5	6136	20	2446	4	6702	13	6140	9	6176	6	4415	15	4569	12	6896	2	5639	5	11618	5	8042	12	6381	16	2073	22	7029	8	6927	5	7018	1	5373	4	4835	5	6426	4	6116	3	10555	12	7944	13	6632	10	2243	16	6843	11	7004	4	6497	4	4760	12	4454	15	6219	5	5787	4	13425	2	9990	3	6594	12	2405	9	8103	2	7057	3	6187	5	6347	1	4771	6	6699	3	6212	2	13268	3	9908	4	6176	18	2263	15	7904	3	5364	12	6845	2	5144	6	4984	4	5635	13	5595	7	8808	21	7796	15	7894	1	2186	19	6671	15	6086	10	5426	13	5482	3	4588	10	5440	15	5404	10	9778	16	6812	19	7437	2	2437	5	6616	17	5421	11	5094	18	5091	8	4261	19	5591	14	5092	14	10491	13	7823	14	7039	4	2462	1	6954	10	6245	8	5269	15	4630	13	4279	18	5154	16	5115	13	8932	20	7538	16	6518	13	2360	11	6337	20	3144	21	4583	20	4049	20	5036	2	4633	22	4289	21	14755	1	10479	7	6337	17	2307	14	8470	1	6805	6	5576	11	4948	10	4285	17	5905	9	5504	8	10568	11	8301	7	5684	22	2159	20	6678	14	4524	15	5188	17	4379	17	4569	13	6007	6	4934	15	10901	8	10140	2	6489	14	2076	21	7402	5	7622	1	6502	3	5790	2	4500	14	7179	1	6318	1
		10860	10	8241	9	6815	6	2309	13	7056	7	6474	7	5763	10	5033	9	4309	16	5848	10	5485	9	11307	7	8209	10	6759	8	2213	18	7122	6	4164	18	5353	14	4504	14	4206	20	5945	8	4935	17	9545	17	8147	11	6137	19	2420	6	6563	18	4047	19	3826	21	5120	7	4609	9	5814	11	4683	18	9965	15	6541	20	6692	9	2456	2	6439	19	4199	17	4674	19	4412	16	4020	22	5015	20	4464	20	10738	8105	6615	2320	5391	5547	4826	4574	5744	5216	23	31	24	23	35	34	27	36	32	33	1665	1082	1276	332	1089	1121	997	747	631	880	9.42	8.11	11.72	8.69	-	10.20	12.28	12.54	9.92	6.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.000	.000	.000	.518	.000	.000	.000	.001	.105	.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.60	4.80	3.60	6.00	-	6.00	5.46	6.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29-06	22-06	22-06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30-10	3-10	25-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																									

AGRONOMY DATA:

AGRONOMY DATA:	ALMO	BAJA	KANG	BARA	MECH	ZN 1	DELHI
SEEDING DATE (2007)	29-06	22-06	22-06	-	-	-	2-07
HARVEST DATE (2007)	30-10	3-10	25-09	-	-	-	9-10
IRRIGATION Nos	-	2	-	-	-	-	1
FERTILIZER APPLIED N	60	120	120	-	-	-	120
P	60	60	60	-	-	-	60
K	40	40	40	-	-	-	40

TABLE NO. 4 (CONT.)

GRAIN YIELD (kg/ha) AT 15% MOISTURE		GORA																			
Sl. No	PEDIGREE	ZN 3																			
		BELI	R	VARA	R	DMOL	R	RANC	R	JASH	R	AMBI	R	MEAN	R	HYDE	R	KARI	R	ARBH	R
1	E H - 1731	2920	9	6983	13	2244	9	4898	11	3890	20	5511	17	4408	14	7908	14	5353	18	7487	12
2	E H - 1856	2391	17	5633	21	1821	19	4659	15	3998	17	5896	14	4066	18	6918	22	5684	16	6393	18
3	F H - 3438	2352	18	6941	14	2021	14	5766	5	4213	14	6429	11	4620	12	7946	13	4907	20	7698	9
4	JAD-PMC - 1	2165	22	7885	6	1899	17	3123	21	4163	15	4511	21	3958	20	7126	19	4856	21	4600	22
5	HYB R - 2006 - 1	2647	10	6018	20	2166	11	5667	6	5266	4	4084	22	4308	16	8297	12	5477	17	6855	16
6	J H - 31110	3064	5	7390	9	3573	1	5399	8	3884	21	6835	8	5024	5	10623	1	6051	14	5361	20
7	J H - 31172	2300	19	7466	8	1813	20	4248	18	4566	10	6427	12	4470	13	8578	8	7225	4	7593	10
8	J H - 3956	3235	4	8096	4	2028	13	3113	22	4944	7	6476	9	4649	11	8354	10	7128	5	8232	5
9	J H - 31056	2563	12	7101	12	2511	6	4901	10	5032	5	7111	4	4870	9	8955	4	6885	8	7877	6
10	B H - 40623	3007	8	8891	2	2020	15	8031	1	5311	2	8620	1	5980	1	10501	2	7391	3	9056	1
11	B H - 40701	3055	6	7146	11	2064	12	6287	3	5286	3	7077	6	5153	4	8812	6	7842	2	8816	2
12	A H - 6608	2477	14	7242	10	1698	21	4310	17	4619	9	5785	16	4355	15	7751	15	5761	15	7818	7
13	A H - 7536	3016	7	7936	5	2336	8	4745	13	5708	1	6103	13	4974	7	8497	9	6172	12	7787	8
14	A H - 7540	2183	21	6526	15	1938	16	4553	16	3896	19	4778	19	3979	19	7335	16	7120	6	7134	14
15	U M C - 1	2605	11	5478	22	2703	2	4755	12	3234	22	4644	20	3903	21	7178	18	4318	22	5993	19
16	KAVERI SUPER - 2020	2213	20	8501	3	2243	10	7224	2	4447	12	7391	3	5336	3	9383	3	7017	7	8699	3
17	EURO - 1202	2460	15	7612	7	2429	7	5515	7	4565	11	6879	7	4910	8	8723	7	6355	11	7202	13
18	X - 121	3423	3	9072	1	2603	4	6126	4	4637	8	7944	2	5634	2	8925	5	8803	1	8582	4
CHECKS:																					
19	PARKASH	3694	2	6424	16	2594	5	4725	14	3996	18	6468	10	4650	10	7033	21	6578	9	6796	17
20	X - 3342	3800	1	6228	19	2641	3	5289	9	4979	6	7092	5	5005	6	7044	20	6107	13	7545	11
21	NARMADA MOTI	2415	16	6401	17	1447	22	3570	20	4404	13	4998	18	3873	22	7302	17	6434	10	7013	15
22	KIRAN	2538	13	6381	18	1830	18	4049	19	4051	16	5885	15	4122	17	8305	11	5180	19	4890	21
	MEAN YIELD=	2751		7152		2210		5044		4504		6225		4648		8250		6302		7247	
	MEAN STAND	28		36		31		33		29		36		32		35		32		31	
	C.D. AT 5%	266		1363		834		734		368		1162		788		1528		1199		1086	
	C.V. %	5.88		11.57		22.93		7.00		4.96		11.34		-		11.25		11.56		9.10	
	F (Prob)	.000		.000		.010		.002		.000		.000		-		.000		.000		.000	
	PLOT SIZE=	4.80		4.80		6.00		5.60		4.80		4.80		-		6.00		6.00		6.00	
AGRONOMY DATA:																					
	SOWING DATE (2007)	7-07		28-06		12-07		21-06		11-07		27-06		-		25-06		13-07		11-07	
	HARVEST DATE (2007)	17-10		1-10		-		8-10		24-10		-		-		22-10		5-11		2-11	
	IRRIGATION Nos	-		2		-		-		-		-		-		1		6		5	
	FERTILIZER APPLIED N	150		100		150		100		120		80		-		120		120		150	
	P	75		40		75		60		60		50		-		60		60		75	
	K	60		40		50		40		60		30		-		40		40		38	

TABLE NO. 4 (CONT.)

GRAIN YIELD (kg/ha) AT 15% MOISTURE

Sl No	PEDIGREE	MAND		COIM		KOLH		UDAI		BANS		GODH		CHHI		ZN 5		OV'L			
		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
1	E H - 1731	6160	9	6889	16	2761	19	6093	16	8147	1	2906	14	5372	12	7021	18	5862	8	5596	14
2	E H - 1856	6006	12	5918	20	3549	12	5745	19	7079	2	2580	20	8458	3	6235	21	6088	6	5380	16
3	F H - 3438	5953	13	7629	12	4375	4	6418	12	2652	21	3102	9	7623	6	9316	8	5673	9	5776	9
4	JAU-FMC - 1	5206	21	4909	22	3116	16	4969	22	3805	16	3008	11	5034	14	6925	19	4693	21	4640	22
5	HYB R - 2006 - 1	6174	8	7170	15	2857	18	6138	15	4962	11	2522	21	5793	10	7836	16	5278	13	5217	18
6	J H - 31110	6070	11	8266	6	2935	17	6551	10	6599	3	3343	4	9351	2	9990	5	7321	1	6167	5
7	J H - 31172	5751	17	8523	5	5061	1	7122	6	2521	22	3062	10	6531	8	6751	20	4716	20	5737	11
8	J H - 3956	7246	4	9659	2	3843	9	7410	5	3966	14	3239	6	5005	15	8410	14	5155	14	6067	7
9	J H - 31056	6291	7	7763	10	3373	14	6857	7	5582	7	3438	2	8118	5	8718	12	6464	5	6101	6
10	B H - 40623	7929	3	8732	4	4006	6	7936	2	5221	9	3559	1	7060	7	11259	1	6775	3	6963	1
11	B H - 40701	8293	2	7558	14	3720	10	7507	4	5624	6	3399	3	8223	4	10714	2	6990	2	6540	3
12	A H - 6608	5392	19	7578	13	3868	8	6361	13	5724	4	2598	19	3224	22	8360	15	4976	17	5516	15
13	A H - 7536	5539	18	8031	9	3364	15	6565	9	5400	8	3280	5	5670	11	9255	9	5901	7	5790	8
14	A H - 7540	5275	20	6474	19	2000	22	5890	18	3639	19	2436	22	4786	16	8791	11	4913	18	5290	17
15	U M C - 1	6398	6	6599	18	2618	20	5517	21	3718	18	3131	7	6278	9	9435	7	5641	10	5035	20
16	KAVERI SUPER -2020	8585	1	11014	1	4458	3	8193	1	3884	15	3117	8	10063	1	10004	3	6767	4	6786	2
17	EURO - 1202	6103	10	7658	11	3870	7	6652	8	4152	13	2946	12	4134	19	8869	10	5025	16	5634	13
18	X - 121	5931	14	8795	3	4905	2	7657	3	5695	5	2924	13	3300	21	10003	4	5481	12	6515	4
CHECKS:																					
19	PARKASH	6796	5	8035	8	2607	21	6308	14	4661	12	2713	17	5301	13	9766	6	5611	11	5754	10
20	X - 3342	5904	16	8056	7	4225	5	6480	11	3250	20	2783	16	4664	18	8696	13	4848	19	5639	12
21	NARMADA MOTI	4901	22	6778	17	3576	11	6001	17	5221	10	2648	18	4677	17	7822	17	5092	15	5171	19
22	KIRAN	5907	15	5715	21	3451	13	5575	20	3792	17	2793	15	3860	20	6186	22	4157	22	4915	21
	MEAN YIELD=	6264		7625		3570		6543		4786		2979		6024		8653		5610		5738	
	MEAN STAND	32		27		36		32		34		28		29		37		32		31	
	C.D. AT 5%	1097		1283		1138		1222		449		411		540		2336		934		982	
	C.V. %	10.63		10.22		19.35		.000		5.69		8.38		5.44		16.39		.000		.002	
	F (Prob)	.000		.000		.000		.000		.000		.000		.000		.002		.000		.000	
	PLOT SIZE=	5.60		4.80		4.80		-		4.80		4.80		4.80		5.60		-		-	
AGRONOMY DATA:																					
	SOWING DATE(2007)	14-07		25-07		6-07		-		2-07		1-07		7-07		29-06		-		-	
	HARVEST DATE(2007)	21-11		19-11		19-11		-		10-10		22-10		16-10		8-10		-		-	
	IRRIGATION Nos	7		8		-		-		2		-		1		-		-		-	
	FERTILIZER APPLIED N	150		135		100		-		90		100		100		80		-		-	
	P	75		63		50		-		60		40		50		50		-		-	
	K	40		50		30		-		-		-		-		30		-		-	

TABLE NO. 4 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE PARKASH										ZN 2 MEAN
		ALMO	BAJA	KANG	MEGH BARA	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANT	KANP	
1	E H - 1731	0.11	-	4.50	6.10	-	-	2.63	-	10.46	-	-
2	E H - 1856	-	0.72	-	1.13	-	-	-	-	15.78	-	-
3	F H - 3438	5.84	7.51	2.33	4.42	5.36	-	-	5.80	21.16	-	-
4	JAU-PMC - 1	-	-	-	4.80	-	-	-	-	6.46	-	-
5	HYB R - 2006 - 1	-	-	-	-	-	-	5.79	-	-	-	-
6	J H - 31110	11.70	-	-	3.39	-	11.75	4.15	-	8.29	1.84	2.67
7	J H - 31172	-	12.58	-	5.92	-	-	7.17	-	6.05	17.92	2.81
8	J H - 3956	6.98	-	-	-	-	6.99	21.78	6.76	12.21	9.88	11.50
9	J H - 31056	-	-	-	-	-	8.18	12.74	-	3.39	6.34	5.50
10	B H - 40623	23.62	21.22	-	4.14	14.84	9.00	7.37	26.12	10.73	14.55	13.25
11	B H - 40701	22.18	20.23	-	-	12.01	-	18.79	2.22	15.68	-	1.99
12	A H - 6608	-	-	15.83	-	-	-	-	8.92	6.50	-	-
13	A H - 7536	-	-	9.13	5.56	-	-	-	1.15	-	-	-
14	A H - 7540	-	-	3.29	6.61	-	-	-	-	-	-	-
15	U M C - 1	-	-	-	2.22	-	-	-	-	16.88	-	-
16	KAVERI SUPER - 2020	35.87	27.16	-	-	20.03	5.11	-	-	-	0.97	0.33
17	EURO - 1202	-	0.72	-	-	-	-	-	-	6.04	2.72	-
18	X - 121	0.37	23.04	-	-	4.89	17.72	12.82	15.04	4.44	22.75	15.19
CHECKS:												
19	PARKASH	-	-	-	-	-	-	-	-	-	-	-
20	X - 3342	4.11	-	-	-	0.93	-	-	-	-	1.66	-
21	NARMADA MOTI	-	-	-	4.82	-	-	-	1.73	6.98	-	-
22	KIRAN	-	-	-	6.38	-	-	-	-	-	-	-

TABLE NO. 4 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE PARKASH GORA										
		BELI	VARA	DHOL	RANC	JASH	AMBI	ZN 3 MEAN	HYDE	KARI	ARBH	MAND
1	E H - 1731	-	8.71	-	3.68	-	-	-	12.44	-	10.16	-
2	E H - 1856	-	-	-	-	0.07	-	-	-	-	-	-
3	F H - 3438	-	8.05	-	22.05	5.43	-	-	12.98	-	13.26	-
4	JAU-PMC - 1	-	22.75	-	-	4.19	-	-	1.31	-	-	-
5	HYB R - 2006 - 1	-	-	-	19.94	31.81	-	-	17.96	-	0.87	-
6	J H - 31110	-	15.04	37.74	14.28	-	5.67	8.04	51.04	-	-	-
7	J H - 31172	-	16.22	-	-	14.27	-	-	21.96	9.84	11.72	-
8	J H - 3956	-	26.04	-	-	23.75	0.11	-	18.78	8.35	21.12	6.62
9	J H - 31056	-	10.54	-	3.74	25.93	9.94	4.72	27.33	4.67	15.90	-
10	B H - 40623	-	38.41	-	69.98	32.91	33.26	28.60	49.30	12.36	33.26	16.67
11	B H - 40701	-	11.25	-	33.07	32.31	9.42	10.81	25.29	19.21	29.71	22.02
12	A H - 6608	-	12.74	-	-	15.61	-	-	10.20	-	15.04	-
13	A H - 7536	-	23.54	-	0.43	42.86	-	6.96	20.81	-	14.58	-
14	A H - 7540	-	1.59	-	-	-	-	-	4.29	8.24	4.98	-
15	U M C - 1	-	-	4.22	0.65	-	-	-	2.06	-	-	-
16	KAVERI SUPER - 2020	-	32.34	-	52.91	11.30	14.26	14.76	33.41	6.67	27.99	26.32
17	EURO - 1202	-	18.50	-	16.74	14.24	6.34	5.59	24.02	-	5.97	-
18	X - 121	-	41.23	0.36	29.66	16.04	22.81	21.16	26.89	33.82	26.27	-
CHECKS:												
19	PARKASH	-	-	-	-	-	-	-	-	-	-	-
20	X - 3342	2.86	-	1.80	11.95	24.62	9.63	7.63	0.14	-	11.02	-
21	NARMADA MOTI	-	-	-	-	10.23	-	-	3.82	-	3.19	-
22	KIRAN	-	-	-	-	1.38	-	-	18.08	-	-	-

TABLE NO. 4 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD % SUPERIORITY OVER THE PARKASH										OV'L MEAN
		COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH	HHI	ZN 5 MEAN			
1	E H - 1731	-	5.91	-	74.78	7.09	1.34	-	-	-	4.47	-
2	E H - 1856	-	36.14	-	51.87	-	59.55	-	-	-	8.51	-
3	F H - 3438	-	67.79	1.75	-	14.33	43.81	-	-	-	1.11	0.39
4	JAU-PMC - 1	-	19.52	-	-	10.85	-	-	-	-	-	-
5	HYB R - 2006 - 1	-	9.58	-	6.45	-	9.29	-	-	-	-	-
6	J H - 31110	2.88	12.56	3.86	41.57	23.21	76.40	2.27	30.47	7.18	-	-
7	J H - 31172	6.07	94.11	12.90	-	12.85	23.20	-	-	-	-	-
8	J H - 3956	20.20	47.41	17.48	-	19.37	-	-	-	-	-	-
9	J H - 31056	-	29.36	8.71	19.76	26.69	53.15	-	-	5.44	-	-
10	B H - 40623	8.68	53.66	25.82	12.01	31.15	33.18	15.27	20.74	6.04	-	-
11	B H - 40701	-	42.67	19.01	20.64	25.27	55.13	9.69	24.58	21.01	-	-
12	A H - 6608	-	48.35	0.85	22.79	-	-	-	-	13.67	-	-
13	A H - 7536	-	29.04	4.08	15.84	20.89	6.97	-	5.17	0.64	-	-
14	A H - 7540	-	-	-	-	-	-	-	-	-	-	-
15	U M C - 1	-	0.40	-	-	15.39	18.43	-	0.53	-	-	-
16	KAVERI SUPER- 2020	37.07	71.00	29.88	-	14.89	89.83	2.42	20.60	17.93	-	-
17	EURO - 1202	-	48.42	5.45	-	8.57	-	-	-	-	-	-
18	X - 121	9.45	88.13	21.39	22.17	7.77	-	2.41	-	13.22	-	-
CHECKS:												
19	PARKASH	-	-	-	-	-	-	-	-	-	-	-
20	X - 3342	0.26	62.04	2.73	-	2.58	-	-	-	-	-	-
21	NARMADA MOTI	-	37.14	-	12.00	-	-	-	-	-	-	-
22	KIPAN	-	32.36	-	-	2.92	-	-	-	-	-	-

TABLE NO. 4 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE X - 3342										ZN 2 MEAN
		ALMO	BAJA	KANG	MEGH BARA	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANT	KANP	
1	E H - 1731	-	-	5.37	10.71	-	4.24	10.49	7.98	13.14	-	5.95
2	E H - 1856	-	1.12	-	5.52	-	21.77	1.41	-	18.58	-	1.93
3	F H - 3438	1.66	7.94	3.18	8.96	4.40	15.44	-	18.22	24.10	-	6.51
4	JAU-PMC - 1	-	-	0.68	9.35	-	-	-	-	9.05	-	-
5	HYB R - 2006 - 1	-	-	-	0.04	-	-	13.88	-	-	-	-
6	J H - 31110	7.29	-	-	7.89	-	73.74	12.12	-	10.92	0.18	16.48
7	J H - 31172	-	13.02	-	10.52	-	47.43	15.37	-	8.62	16.00	16.64
8	J H - 3956	2.76	-	-	-	-	66.34	31.11	19.29	14.94	8.09	26.50
9	J H - 31056	-	-	-	1.36	-	68.18	21.37	5.68	5.89	4.61	19.70
10	B H - 40623	18.73	21.69	-	8.66	13.78	69.46	15.59	40.92	13.42	12.68	28.49
11	B H - 40701	17.35	20.70	-	2.29	10.98	28.79	27.88	14.22	18.49	-	15.72
12	A H - 6608	-	-	16.80	-	-	46.14	1.36	21.71	9.08	-	11.79
13	A H - 7536	-	-	10.04	10.15	-	30.17	-	13.02	1.30	-	5.32
14	A H - 7540	-	-	4.15	11.24	-	49.96	-	2.79	1.73	-	5.81
15	U M C - 1	-	-	-	6.66	-	-	-	-	19.72	-	-
16	KAVERI SUPER - 2020	30.50	27.65	-	4.24	18.92	63.41	4.16	9.86	1.86	-	13.84
17	EURO - 1202	-	1.12	-	-	-	8.64	-	-	8.61	1.04	2.05
18	X - 121	-	23.53	-	-	3.93	83.02	21.46	28.54	6.98	20.75	30.69
CHECKS:												
19	PARKASH	-	0.39	0.84	4.35	-	55.47	7.65	11.74	2.43	-	13.46
20	X - 3342	-	-	-	-	-	-	-	-	-	-	-
21	NARMADA MOTI	-	-	-	9.37	-	-	-	13.67	9.57	-	-
22	KIRAN	-	-	-	11.00	-	0.83	-	-	-	-	-

TABLE NO. 4 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE X - 3342										
		BELI	VARA	DHOL	RANC	JASH	AMBI	MEAN	HYDE	KARI	AREH	MAND
1	E H - 1731	-	12.11	-	-	-	-	-	12.28	-	-	4.33
2	E H - 1856	-	-	-	-	-	-	-	-	-	-	1.72
3	F H - 3438	-	11.44	-	9.02	-	-	-	12.82	-	2.02	0.83
4	JAU-FMC - 1	-	26.60	-	-	-	-	-	1.16	-	-	-
5	HYB R - 2006 - 1	-	-	-	7.14	5.77	-	-	17.79	-	-	4.56
6	J H - 31110	-	18.64	35.30	2.08	-	0.38	-	50.82	-	-	2.82
7	J H - 31172	-	19.86	-	-	-	-	-	21.78	18.32	0.64	-
8	J H - 3956	-	29.99	-	-	-	-	-	18.61	16.72	9.10	22.73
9	J H - 31056	-	14.00	-	-	1.06	0.28	-	27.14	12.75	4.39	6.55
10	B H - 40623	-	42.75	-	51.84	6.65	21.55	19.48	49.09	21.04	20.03	34.30
11	B H - 40701	-	14.74	-	18.86	6.17	-	2.95	25.11	28.42	16.84	40.46
12	A H - 6608	-	16.27	-	-	-	-	-	10.04	-	3.62	-
13	A H - 7536	-	27.42	-	-	14.64	-	-	20.64	1.07	3.21	-
14	A H - 7540	-	4.77	-	-	-	-	-	4.14	16.60	-	-
15	U M C - 1	-	-	2.37	-	-	-	-	1.91	-	-	8.37
16	KAVERI SUPER - 2020	-	36.49	-	36.58	-	4.22	6.63	33.22	14.91	15.29	45.41
17	EURO - 1202	-	22.22	-	4.27	-	-	-	23.84	4.08	-	3.36
18	X - 121	-	45.66	-	15.82	-	12.01	12.57	26.71	44.15	13.74	0.46
CHECKS:												
19	PARGASH	-	3.13	-	-	-	-	-	-	7.72	-	15.11
20	X - 3342	-	-	-	-	-	-	-	-	-	-	-
21	NARMADA MOTI	-	2.76	-	-	-	-	-	3.68	5.36	-	-
22	KIRAN	-	2.45	-	-	-	-	-	17.91	-	-	0.05

TABLE NO. 4 (CONT.)

S1 NO PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE X - 3342										OV'L MEAN
	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH	CHHI	ZN 5 MEAN			
1 E H - 1731	-	-	-	150.67	4.39	15.18	-	20.90	-	-	
2 E H - 1856	-	-	-	117.80	-	81.35	-	25.58	-	-	
3 F H - 3438	-	3.55	-	-	11.45	63.45	7.13	17.02	2.45	-	
4 JAU-PMC - 1	-	-	-	17.05	8.06	7.93	-	-	-	-	
5 HXB R - 2006 - 1	-	-	-	52.66	-	24.22	-	8.87	-	-	
6 J H - 31110	2.61	-	1.10	103.03	20.12	100.50	14.88	51.00	9.37	-	
7 J H - 31172	5.80	19.80	9.90	-	10.02	40.03	-	-	1.74	-	
8 J H - 3956	19.89	-	14.36	22.00	16.37	7.31	-	6.32	7.59	-	
9 J H - 31056	-	-	5.82	71.75	23.50	74.07	0.26	33.33	8.20	-	
10 B H - 40623	8.40	-	22.47	60.64	27.85	51.38	29.48	39.73	23.49	-	
11 B H - 40701	-	-	15.85	73.02	22.12	76.32	23.21	44.18	15.99	-	
12 A H - 6608	-	-	-	76.10	-	-	-	2.64	-	-	
13 A H - 7536	-	-	1.31	66.13	17.85	21.58	6.43	21.72	2.70	-	
14 A H - 7540	-	-	-	11.95	-	2.61	1.09	1.33	-	-	
15 U M C - 1	-	-	-	14.40	12.49	34.61	8.50	16.34	-	-	
16 KAVERI SUPER- 2020	36.72	5.53	26.43	19.48	12.00	115.77	15.05	39.58	20.34	-	
17 EURO - 1202	-	-	2.65	27.75	5.85	-	1.99	3.65	-	-	
18 X - 121	9.17	16.11	18.16	75.21	5.06	-	15.04	13.04	15.54	-	
CHECKS:											
19 PARKASH	-	-	-	43.42	-	13.66	12.33	15.73	2.04	-	
20 X - 3342	-	-	-	-	-	-	-	-	-	-	
21 NARMADA MOTI	-	-	-	60.63	-	0.27	-	5.02	-	-	
22 KIRAN	-	-	-	16.66	0.33	-	-	-	-	-	

TABLE NO. 4 (CONT.)

S1 No PEDIGREE	GRAIN YIELD % SUPERIORITY OVER THE NARMADA MOTI											ZN 2 MEAN
	ALMO	BAJA	KANG	BARA	MEGH	ZN 1 MEAN	DMRD	LUDH	KARN	PANT	KANP	
1 E H - 1731	13.90	-	16.04	1.22	-	6.05	7.26	54.60	-	3.25	-	9.37
2 E H - 1856	-	1.89	7.79	-	-	1.50	25.30	41.90	-	8.22	-	5.22
3 F H - 3438	20.41	8.76	13.63	-	13.29	18.79	18.79	37.54	4.00	13.26	-	9.95
4 JAU-PMC - 1	-	-	10.87	-	-	-	-	-	-	-	-	-
5 HYB R - 2006 - 1	6.07	-	4.61	-	-	-	-	59.34	-	-	-	-
6 J H - 31110	27.09	-	-	-	-	3.94	78.78	56.88	-	1.23	2.44	20.25
7 J H - 31172	-	13.88	-	1.05	-	2.13	51.71	61.42	-	-	18.61	20.41
8 J H - 3956	21.72	-	3.97	-	-	7.10	71.17	83.44	4.95	4.89	10.53	30.59
9 J H - 31056	10.58	-	8.05	-	-	4.28	73.06	69.82	-	-	6.96	23.57
10 B H - 40623	40.64	22.62	7.44	-	23.48	74.37	61.73	23.97	0.48	3.51	15.22	32.65
11 B H - 40701	39.00	21.62	0.63	-	20.44	32.53	78.93	7.07	0.48	8.13	-	19.46
12 A H - 6608	-	-	28.62	-	-	1.65	50.38	41.82	-	-	-	15.40
13 A H - 7536	2.44	-	21.18	0.71	0.82	33.95	33.16	-	-	-	-	8.72
14 A H - 7540	9.91	-	14.69	1.71	5.96	54.31	37.73	-	-	-	-	9.23
15 U M C - 1	-	-	6.20	-	-	-	-	19.80	-	9.26	-	-
16 KAVERI SUPER - 2020	54.58	28.63	3.25	-	29.06	68.15	45.74	-	-	-	1.56	17.52
17 EURO - 1202	10.72	1.89	-	-	1.76	11.79	35.62	-	-	-	3.32	5.35
18 X - 121	14.20	24.47	5.73	-	12.79	88.33	69.94	13.08	-	-	23.47	34.91
CHECKS:												
19 PARKASH	13.77	1.16	11.04	-	7.53	59.98	50.63	-	-	-	0.59	17.13
20 X - 3342	18.45	0.76	10.12	-	8.52	2.90	39.92	-	-	-	2.25	3.23
21 NARMADA MOTI	-	-	-	-	-	-	-	-	-	-	-	-
22 KIRAN	4.39	-	9.04	1.49	-	3.75	22.17	-	-	-	-	-

TABLE NO. 4 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE NARMADA MOTI										
		BELI	VARA	DHOL	RANC	JASH	AMBI	MEAN	HYDE	KARI	ARBH	MAND
								ZN 3				
1	E H - 1731	20.90	9.10	55.09	37.19	-	10.25	13.81	8.30	-	6.75	25.67
2	E H - 1856	-	-	25.85	30.50	-	17.96	5.01	-	-	-	22.53
3	F H - 3438	-	8.44	39.72	61.50	-	28.62	19.31	8.82	-	9.76	21.46
4	JAU-PMC - 1	-	23.19	31.23	-	-	-	2.20	-	-	-	6.22
5	HYB R - 2006 - 1	9.61	-	49.73	58.72	19.57	-	11.25	13.62	-	-	25.96
6	J H - 31110	26.88	15.45	146.95	51.22	-	36.75	29.74	45.47	-	-	23.85
7	J H - 31172	-	16.64	25.33	18.99	3.66	28.59	15.43	17.46	12.30	8.27	17.33
8	J H - 3956	33.98	26.50	40.17	-	12.26	29.56	20.05	14.40	10.78	17.38	47.84
9	J H - 31056	6.14	10.94	73.53	37.27	14.24	42.27	25.75	22.64	7.01	12.31	28.35
10	B H - 40623	24.54	38.91	39.59	124.93	20.57	72.46	54.42	43.80	14.88	29.13	61.78
11	B H - 40701	26.49	11.65	42.63	76.08	20.03	41.60	33.05	20.68	21.88	25.70	69.19
12	A H - 6608	2.59	13.14	17.36	20.72	4.88	15.74	12.47	6.14	-	11.48	10.01
13	A H - 7536	24.90	23.99	61.46	32.89	29.60	22.09	28.44	16.36	-	11.04	13.01
14	A H - 7540	-	1.96	33.95	27.52	-	-	2.75	0.45	10.66	1.73	7.63
15	U M C - 1	7.87	-	86.85	33.19	-	-	0.79	-	-	-	30.54
16	KAVERI SUPER - 2020	-	32.81	55.02	102.33	0.97	47.87	37.80	28.50	9.06	24.03	75.16
17	EURO - 1202	1.87	18.93	67.89	54.47	3.64	37.62	26.79	19.45	-	2.69	24.51
18	X - 121	41.75	41.74	79.93	71.57	5.27	58.92	45.49	22.22	36.81	22.37	21.01
	CHECKS:											
19	PARKASH	52.98	0.36	79.29	32.32	-	29.41	20.08	-	2.24	-	38.66
20	X - 3342	57.35	-	82.52	48.14	13.05	41.88	29.24	-	-	7.58	20.46
21	NARMADA MOTI	-	-	-	-	-	-	-	-	-	-	-
22	KIRAN	5.09	-	26.50	13.41	-	17.74	6.45	13.73	-	-	20.51

TABLE NO. 4 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE NARMADA MOTI										OV'L MEAN
		COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH	CHHI	ZN 5 MEAN			
1	E H - 1731	1.64	-	1.54	56.05	9.73	14.87	-	-	15.12	8.22	
2	E H - 1856	-	-	-	35.59	-	80.86	-	-	19.57	4.04	
3	F H - 3438	12.55	22.35	6.95	-	17.15	63.01	19.10	-	11.42	11.71	
4	JAU-PMC - 1	-	-	-	-	13.58	7.64	-	-	-	-	
5	HYB R - 2006 - 1	5.79	-	2.29	-	-	23.88	0.18	-	3.66	0.89	
6	J H - 31110	21.96	-	9.17	26.40	26.25	99.96	27.72	-	43.78	19.26	
7	J H - 31172	25.74	41.54	18.68	-	15.64	39.65	-	-	-	10.94	
8	J H - 3956	42.50	7.48	23.49	-	22.31	7.02	7.52	-	1.24	17.32	
9	J H - 31056	14.53	-	14.27	6.92	29.82	73.60	11.46	-	26.95	17.99	
10	B H - 40623	28.83	12.04	32.25	0.01	34.38	50.97	43.95	-	33.05	34.65	
11	B H - 40701	11.51	4.03	25.10	7.71	28.37	75.84	36.98	-	37.28	26.48	
12	A H - 6608	11.79	8.17	6.01	9.63	-	-	6.88	-	-	6.68	
13	A H - 7536	18.48	-	9.40	3.43	23.87	21.25	18.32	-	15.90	11.98	
14	A H - 7540	-	-	-	-	-	2.33	12.39	-	-	2.31	
15	U M C - 1	-	-	-	-	18.24	34.24	20.63	-	10.78	-	
16	KAVERI SUPER - 2020	62.50	24.69	36.53	-	17.72	115.18	27.90	-	32.90	31.23	
17	EURO - 1202	12.99	8.22	10.85	-	11.25	-	13.38	-	-	8.96	
18	X - 121	29.75	37.18	27.59	9.08	10.43	-	27.89	-	7.64	25.99	
CHECKS:												
19	PARKASH	18.55	-	5.12	-	2.47	13.35	24.88	-	10.20	11.27	
20	X - 3342	18.85	18.15	7.99	-	5.11	-	11.17	-	-	9.04	
21	NARMADA MOTI	-	-	-	-	-	-	-	-	-	-	
22	KIRAN	-	-	-	-	5.46	-	-	-	-	-	

TABLE NO. 4 (CONT.)

S1 No PEDIGREE	DAYS TO 50% POLLEN SHED										ZN 2 MEAN	GORA BELI	VARA DHOL	RANC	
	ALMO	BAJA	KANG	BARA	MEAN	ZN 1 DELIH	DMSD	LUDH	KARN	PANT					KANP
1 E H - 1731	54.0	62.7	47.0	54.0	54.4	52.3	48.0	50.3	49.3	54.0	50.8	53.3	45.3	56.7	49.0
2 E H - 1856	50.0	54.3	47.0	53.0	51.1	51.0	43.0	45.0	47.3	49.3	47.1	51.0	42.0	53.7	49.5
3 F H - 3438	50.7	56.7	45.0	55.0	51.8	51.0	47.0	48.0	50.0	51.0	49.4	51.3	42.3	55.3	48.5
4 JAU-PMC - 1	50.7	53.0	46.3	53.3	50.8	52.7	44.0	45.7	49.3	50.0	48.3	50.0	42.0	53.0	49.5
5 HYB R - 2006 - 1	58.0	63.0	47.3	55.3	55.9	54.7	52.0	52.0	53.7	56.0	53.7	55.3	53.3	62.7	49.5
6 J H - 31110	51.7	56.0	47.0	55.0	52.4	51.0	44.3	48.7	49.3	50.0	48.7	51.3	43.7	55.0	49.0
7 J H - 31172	52.3	57.0	47.0	54.0	52.6	51.0	49.0	49.3	49.3	50.0	49.7	53.7	45.3	56.3	50.5
8 J H - 3956	53.0	58.0	48.0	54.0	53.3	52.0	48.7	49.7	50.0	51.0	50.3	56.3	46.3	57.3	49.5
9 J H - 31056	52.3	56.3	47.7	54.3	52.7	51.7	48.3	47.7	48.3	52.0	49.6	52.3	45.0	56.7	50.0
10 B H - 40623	54.7	60.3	47.7	55.0	54.4	52.0	50.0	48.7	54.7	51.0	51.3	55.3	45.7	59.7	49.0
11 B H - 40701	51.3	59.0	47.7	55.3	53.3	52.0	50.3	50.7	50.0	52.0	51.0	57.3	45.7	58.7	49.0
12 A H - 6608	54.3	56.0	48.3	55.0	53.4	52.7	49.3	48.3	50.7	50.7	50.3	54.3	46.3	57.3	49.5
13 A H - 7536	54.0	58.0	47.7	56.0	53.9	52.3	47.3	49.3	49.3	50.0	49.7	52.3	45.3	56.0	50.0
14 A H - 7540	54.0	57.3	47.7	55.0	53.5	53.7	48.7	47.3	51.0	54.0	50.9	55.3	44.7	57.3	48.0
15 U M C - 1	50.7	54.3	46.7	56.7	52.1	52.3	48.3	49.7	51.7	52.0	50.8	52.3	47.3	55.7	48.5
16 KAVERI SUPER -2020	55.0	63.7	47.7	54.0	55.1	59.3	51.3	50.7	52.0	56.3	53.9	58.3	49.7	60.3	45.5
17 EURO - 1202	51.3	58.3	47.3	56.0	53.3	52.0	46.7	49.7	49.3	49.7	49.5	53.3	44.0	56.0	47.0
18 X - 121	49.7	53.7	47.0	55.0	51.3	51.7	47.3	48.0	47.7	49.0	48.7	51.7	42.7	55.0	50.5
CHECKS:															
19 PARKASH	49.7	56.3	46.3	55.0	51.8	51.7	46.3	46.7	47.7	49.0	48.3	52.3	44.0	55.3	48.5
20 X - 3342	50.0	54.0	47.3	54.0	51.3	52.3	46.7	47.7	48.7	49.3	48.9	51.0	42.7	56.7	49.0
21 NARNADA MOTI	53.7	59.7	48.0	55.3	54.2	54.7	49.3	50.7	50.0	51.0	51.1	52.3	45.7	56.0	50.5
22 KIRAN	51.7	55.3	46.3	56.0	52.3	52.3	45.3	47.7	48.3	49.3	48.6	52.3	43.3	55.0	48.5
MEAN LOCATION	52.4	57.4	47.2	54.8	53.0	52.6	47.8	48.7	49.9	51.2	50.0	53.3	45.1	56.6	49.0
C.D. AT 5%	1.0	1.7	2.4	0.7	1.5	2.6	1.9	1.5	3.8	0.8	2.1	1.4	1.2	2.2	1.7
C.V. %	1.2	1.8	3.1	0.8	-	3.0	2.4	1.9	4.6	1.0	-	1.6	1.6	2.4	1.7
F (Prob)	.000	.000	.758	.000	-	.000	.000	.000	.033	.000	-	.000	.000	.000	.002

TABLE NO. 4 (CONT.)

SI NO PEDIGREE	DAYS TO 50% POLLEN SHED											OV'L MEAN				
	JASH	AMBI	MEAN	HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI		BANS	GODH	CHEI	ZN 5 MEAN
1 E H - 1731	47.0	48.0	49.9	48.7	44.3	53.0	49.0	49.3	58.7	50.5	49.7	51.0	49.3	53.7	50.9	51.1
2 E H - 1856	41.0	45.0	47.0	45.7	42.7	50.3	45.3	44.3	48.3	46.1	48.3	46.3	51.3	50.0	49.0	47.8
3 F H - 3438	45.7	46.3	48.3	46.7	43.7	52.3	50.0	46.3	56.3	49.2	49.3	48.0	49.7	52.0	49.8	49.5
4 JAU-PMC - 1	41.7	45.3	46.9	48.0	42.7	49.3	45.3	44.0	53.3	47.1	48.3	50.7	45.7	51.0	48.9	48.2
5 HYB R - 2006 - 1	52.3	50.3	53.9	47.7	47.7	60.0	53.7	54.3	56.7	53.3	58.0	46.3	50.7	58.0	53.3	53.9
6 J H - 31110	45.0	47.3	48.6	49.0	45.0	53.3	48.7	47.7	57.3	50.2	51.3	51.7	49.3	52.0	51.1	50.0
7 J H - 31172	46.0	47.0	49.8	49.0	46.0	53.7	50.7	50.7	56.3	51.1	54.3	49.0	50.3	54.0	51.9	50.9
8 J H - 3956	46.7	49.7	51.0	48.3	46.3	55.3	52.3	51.3	57.0	51.8	54.0	50.7	51.7	54.0	52.6	51.6
9 J H - 31056	45.3	48.0	49.6	49.3	45.0	53.7	51.3	50.7	56.3	51.1	54.0	53.0	51.3	52.7	52.8	50.9
10 B H - 40623	47.7	47.7	50.8	48.7	46.3	54.3	52.0	51.3	61.0	52.3	54.3	51.0	50.3	55.0	52.7	52.1
11 B H - 40701	47.3	48.3	51.1	48.7	48.0	55.3	52.3	51.7	56.7	52.1	54.0	49.7	52.7	54.7	52.8	51.9
12 A H - 6608	48.0	47.7	50.5	48.7	47.3	55.0	53.0	50.0	53.3	51.2	55.0	51.0	52.3	56.7	53.8	51.6
13 A H - 7536	45.0	47.7	49.4	49.7	44.3	53.3	51.3	49.7	58.0	51.1	53.7	50.7	52.0	53.3	52.4	51.1
14 A H - 7540	47.3	47.0	49.9	49.0	45.3	54.0	50.3	48.3	57.0	50.7	53.7	50.0	50.7	54.0	52.1	51.2
15 U M C - 1	43.0	47.7	49.1	47.0	44.3	53.3	49.0	48.3	57.0	49.8	53.3	48.7	50.3	53.0	51.3	50.4
16 KAVERI SUPER-2020	46.3	50.3	51.8	51.7	47.3	56.7	53.3	52.0	57.3	53.1	55.7	52.3	48.3	57.7	53.5	53.3
17 EURO - 1202	43.7	47.0	48.5	48.3	43.0	51.7	49.0	47.7	56.7	49.4	52.3	49.0	50.7	52.3	51.1	50.1
18 X - 121	44.0	47.0	48.5	48.3	43.7	52.3	49.0	48.7	56.0	49.7	52.3	50.3	51.3	52.0	51.5	49.8
CHECKS:																
19 PARKASH	43.7	48.3	48.7	48.3	44.0	52.0	49.3	48.7	57.7	50.0	51.7	47.0	47.3	52.0	49.5	49.6
20 X - 3342	42.3	46.7	48.1	47.3	45.0	52.0	48.3	45.7	56.0	49.1	49.0	50.0	51.3	51.7	50.5	49.4
21 NARAYADA MOTI	45.7	47.7	49.6	50.0	45.0	53.3	49.7	47.0	57.3	50.4	52.3	53.3	50.3	54.0	52.5	51.3
22 KIRAN	44.0	46.7	48.3	48.3	46.3	53.3	49.0	48.3	57.0	50.4	51.3	51.0	51.3	53.0	51.7	50.0
MEAN LOCATION	45.4	47.6	49.5	48.5	45.2	53.5	50.1	48.9	56.4	50.4	52.5	50.0	50.4	53.5	51.6	50.7
C.D. AT 5%	1.7	1.0	1.5	3.3	1.7	1.2	2.0	2.2	4.5	2.5	1.2	2.5	0.9	1.5	1.5	-
C.V. %	2.3	1.3	-	4.1	2.3	1.3	2.4	2.9	4.9	-	1.3	3.1	1.1	1.7	-	-
F (Prob)	.000	.000	-	.353	.000	.000	.000	.000	.000	-	.000	.000	.000	.000	.000	-

TABLE NO. 4 (CONT.)

Sl No	PEDIGREE	DAYS TO 50% SILKING										ZN 2 MEAN	GORA BELI	VARA	DHOL	RANC	
		ALMO	BAJA	KANG	BARA	MEGH	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANT						KANP
1	E H - 1731	55.3	64.7	49.3	57.3	56.7	58.7	49.7	54.0	56.7	58.0	55.4	55.3	51.3	59.3	53.0	
2	E H - 1856	51.3	57.0	49.7	56.0	53.5	53.0	44.0	47.0	52.7	54.3	50.2	53.0	46.7	56.0	53.5	
3	F H - 3438	51.3	59.3	47.7	58.0	54.1	56.3	48.0	50.7	58.3	56.0	53.9	56.7	49.3	58.7	53.0	
4	JAU-PMC - 1	52.0	55.0	49.3	56.7	53.3	56.3	45.3	47.7	53.3	55.0	51.5	52.0	46.3	56.3	52.5	
5	HYB R - 2006 - 1	59.7	65.0	50.0	58.3	58.3	58.3	53.0	55.0	61.7	61.0	57.8	57.3	57.0	64.7	53.0	
6	J H - 31110	52.7	58.7	49.7	58.3	54.8	53.3	45.3	51.3	56.3	54.7	52.2	53.3	49.0	57.0	52.0	
7	J H - 31172	53.7	59.7	49.7	57.0	57.0	57.7	49.3	51.7	62.7	55.0	55.3	55.7	52.3	60.3	53.5	
8	J H - 3956	54.0	60.3	51.0	57.0	55.6	55.3	49.3	52.0	57.7	56.0	54.1	58.3	50.7	60.0	52.5	
9	J H - 31056	53.3	59.0	50.3	57.3	55.0	54.7	49.0	49.7	55.0	57.0	53.1	54.3	51.0	59.7	53.0	
10	B H - 40623	55.7	62.7	50.3	58.0	56.7	58.7	51.7	51.7	61.0	55.0	55.6	57.3	54.0	63.0	52.0	
11	B H - 40701	52.3	62.0	50.3	59.0	55.9	59.0	51.7	53.7	61.0	56.0	56.2	59.7	50.7	62.0	52.0	
12	A H - 6608	55.7	58.7	51.3	58.0	55.9	57.0	50.3	50.3	59.0	55.7	54.5	56.0	54.0	60.3	53.5	
13	A H - 7536	55.3	60.3	50.0	59.3	56.2	57.3	48.3	52.0	57.7	55.0	54.1	54.3	51.3	59.0	53.5	
14	A H - 7540	55.0	59.3	50.7	58.3	55.8	55.3	49.7	49.7	58.3	59.0	54.4	57.3	51.3	59.7	51.0	
15	U M C - 1	51.7	58.3	49.7	60.0	54.9	56.0	49.0	53.7	58.3	57.0	54.8	54.3	52.7	59.0	52.5	
16	KAVERI SUPER -2020	56.0	66.3	50.0	57.7	57.5	62.0	52.3	54.7	59.7	62.0	58.1	60.7	53.7	62.7	50.0	
17	EURO - 1202	52.7	61.3	50.3	59.0	55.8	56.3	47.0	54.0	55.3	54.7	53.5	57.3	49.7	59.0	51.0	
18	X - 121	50.7	55.7	49.7	58.3	53.6	54.7	48.3	50.3	54.3	54.0	52.3	53.7	49.0	58.0	53.5	
CHECKS:																	
19	PARKASH	50.7	59.0	49.3	58.3	54.3	53.3	46.3	48.7	53.0	54.7	51.2	54.3	49.0	58.3	52.0	
20	X - 3342	51.0	56.7	49.7	57.0	53.6	57.0	48.0	50.3	55.7	53.3	52.9	53.0	47.0	59.7	52.0	
21	NARMADA MOTI	55.3	62.0	50.3	58.3	56.5	59.7	50.3	54.0	59.3	56.0	55.9	54.3	52.7	59.3	54.0	
22	KIRAN	53.0	58.0	49.3	59.7	55.0	55.3	46.3	49.7	55.3	54.3	52.2	54.3	50.3	57.7	52.5	
MEAN LOCATION																	
C.D. AT 5%																	
C.V. % =																	
F (Prob)																	
		.000	.000	.806	.000	-	.000	.000	.000	.003	.000	-	.000	.000	.000	.000	
		0.9	1.5	2.5	0.7	1.4	2.8	1.9	1.4	5.0	1.0	2.4	2.2	1.4	2.3	1.3	
		1.0	1.5	3.1	0.7	-	3.0	2.4	1.6	5.3	1.0	-	2.4	1.7	2.4	1.2	

TABLE NO. 4 (CONT.)

SI No	PEDIGREE	DAYS TO 50% SILKING										ZN 5 MEAN	OV'L MEAN				
		JASH	AMBI MEAN	ZN 3	HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN			UDAI	BANS	GODH	CHHI
1	E H - 1731	50.3	50.7	53.3	51.3	46.3	55.0	51.3	52.7	59.7	52.7	50.7	55.0	53.3	54.7	53.4	54.1
2	E H - 1856	44.0	48.3	50.3	48.7	44.7	51.7	46.7	47.7	51.0	48.4	50.0	50.3	53.3	50.3	51.0	50.4
3	F H - 3438	49.0	49.0	52.6	49.0	45.7	52.0	52.7	49.0	57.7	51.0	52.7	52.7	52.0	52.0	52.3	52.7
4	JAU-PMC - 1	45.0	48.7	50.1	50.3	45.0	50.3	46.7	47.3	55.0	49.1	51.0	54.7	49.7	52.3	51.9	51.0
5	HYB R - 2006 - 1	54.7	53.0	56.6	51.3	49.7	60.0	56.3	58.0	58.7	55.7	59.0	50.3	53.3	58.3	55.2	56.7
6	J H - 31110	48.7	50.3	51.7	53.0	46.7	54.7	51.0	50.7	59.7	52.6	52.7	54.7	52.3	54.0	53.4	52.8
7	J H - 31172	49.3	50.3	53.6	52.0	48.0	55.3	53.7	54.7	57.3	53.5	55.3	52.7	56.3	54.7	54.8	54.3
8	J H - 3956	49.3	53.0	54.0	51.0	47.3	55.3	53.7	54.3	58.0	53.3	55.3	54.7	57.7	54.3	55.5	54.3
9	J H - 31056	48.0	51.0	52.8	50.7	46.7	54.3	53.3	54.0	57.7	52.8	55.7	55.3	58.3	54.0	55.8	53.7
10	B H - 40623	51.7	50.7	54.8	51.7	47.3	55.3	53.3	55.0	58.3	53.5	56.0	54.3	54.3	56.0	55.2	55.0
11	B H - 40701	50.0	51.7	54.3	51.7	49.3	54.0	53.3	54.7	57.7	53.4	55.3	54.0	58.7	55.0	55.8	55.0
12	A H - 6608	50.7	50.7	54.2	51.0	49.7	58.0	55.0	54.0	54.7	53.7	56.3	54.0	58.7	58.0	56.8	54.8
13	A H - 7536	47.7	50.7	52.7	51.3	46.3	55.7	53.3	52.7	58.3	52.9	56.0	54.3	54.7	55.0	55.0	54.0
14	A H - 7540	50.0	50.0	53.2	50.0	47.3	55.3	53.3	52.0	58.0	52.7	55.3	54.0	56.3	55.7	55.3	54.1
15	U M C - 1	46.3	50.7	52.6	50.7	47.0	54.0	51.3	51.0	59.0	52.2	56.7	53.0	54.3	53.7	54.4	53.6
16	KAVERI SUPER - 2020	50.0	54.0	55.2	51.3	49.3	56.7	54.3	56.0	58.3	54.3	57.0	54.0	53.0	58.0	55.5	56.0
17	EURO - 1202	46.7	49.0	52.1	49.3	45.0	52.0	50.7	50.3	57.7	50.8	53.7	53.3	53.7	52.7	53.3	52.9
18	X - 121	46.7	50.0	51.8	50.7	45.7	52.0	51.3	51.3	57.0	51.3	53.7	53.7	58.3	52.7	54.6	52.5
CHECKS:																	
19	PARFASH	46.7	51.3	51.9	50.3	45.7	51.7	51.3	51.7	58.7	51.6	53.3	52.0	52.3	52.0	52.4	52.2
20	X - 3342	45.3	49.7	51.1	51.7	46.7	52.3	50.7	49.0	57.3	51.3	52.7	53.3	57.3	52.7	54.0	52.4
21	NARAYANA MOTI	48.3	50.7	53.2	51.3	47.0	54.7	51.7	50.7	58.3	52.3	53.7	56.3	53.3	56.3	54.9	54.3
22	KIRAN	47.0	49.3	51.9	51.0	48.3	55.0	51.7	51.7	58.3	52.7	52.3	54.0	55.3	55.0	54.2	53.0
MEAN LOCATION																	
C.D. AT 5% =																	
C.V. % =																	
F (Prob) =																	

TABLE NO. 4 (CONT.)

S1 No PEDIGREE	DAYS TO 75% DRY HUSK															
	ALMO	BAJA	KANG	BARA	MEGH	ZN 1 MEAN	LUJH	KARN	PANT	KAMP	ZN 2 MEAN	GORA BELI	VARA	DHOL	RANC	JASH
1 E H - 1731	93.7	94.0	83.3	99.7	92.7	81.7	83.0	92.3	81.7	84.7	84.7	75.7	83.3	80.7	90.0	86.0
2 E H - 1856	89.7	89.7	84.0	100.0	90.8	75.0	80.7	84.7	83.3	80.9	80.9	77.0	79.7	78.7	90.0	81.0
3 F H - 3438	92.3	90.7	83.3	99.7	91.5	80.0	80.7	89.7	82.7	83.2	83.2	76.0	78.3	80.3	90.5	83.0
4 JAU-PMC - 1	89.7	89.0	84.3	99.0	90.5	73.7	79.7	88.7	82.3	81.1	81.1	74.7	78.0	76.7	88.0	77.3
5 HYB R - 2006 - 1	104.0	99.3	84.0	99.7	96.8	85.7	84.3	92.7	81.3	86.0	86.0	82.3	89.3	87.7	90.0	91.0
6 J H - 31110	95.3	88.3	83.3	100.0	91.8	76.3	82.0	90.3	83.7	83.1	83.1	75.3	80.7	80.3	89.5	85.0
7 J H - 31172	91.3	90.7	84.7	101.0	91.9	81.3	82.0	92.3	83.3	84.8	84.8	77.0	84.7	82.7	88.0	85.7
8 J H - 3956	92.3	90.3	84.3	101.0	92.0	81.0	82.3	93.0	84.3	85.2	85.2	78.3	83.7	80.3	90.0	83.0
9 J H - 31056	95.3	91.3	84.3	100.0	92.8	80.3	81.7	89.0	83.7	83.7	83.7	75.7	82.0	80.7	88.5	84.3
10 B H - 40623	92.7	93.7	83.3	100.3	92.5	81.0	82.0	91.0	82.3	84.1	84.1	76.0	84.0	83.3	88.5	87.0
11 B H - 40701	96.7	91.3	84.3	97.7	92.5	84.3	84.3	89.3	82.3	85.1	85.1	79.0	84.0	85.7	89.5	86.7
12 A H - 6608	100.7	92.7	87.0	99.0	94.8	83.0	82.7	90.0	84.7	85.1	85.1	77.3	85.3	81.0	89.0	85.7
13 A H - 7536	98.3	93.3	85.0	100.7	94.3	80.3	83.3	90.3	85.3	84.8	84.8	77.0	83.7	82.0	89.5	84.7
14 A H - 7540	96.3	94.3	83.0	100.0	93.4	81.7	83.0	91.0	84.7	85.1	85.1	78.0	87.0	82.0	87.5	83.3
15 U M C - 1	92.3	90.7	82.3	99.7	91.3	79.3	82.0	93.0	82.7	84.3	84.3	75.0	81.7	79.7	90.5	83.0
16 KAVERI SUPER-2020	102.0	100.0	86.0	99.0	96.8	81.3	82.7	90.3	85.3	84.9	84.9	79.0	84.7	87.0	86.5	85.0
17 EURO - 1202	90.7	89.3	84.7	101.7	91.6	77.0	81.3	88.7	85.0	83.0	83.0	78.7	77.3	79.7	88.5	84.0
18 X - 121	92.3	89.0	85.7	101.7	92.2	80.3	82.7	88.0	82.3	83.3	83.3	77.7	83.0	79.3	87.5	84.7
CHECKS:																
19 PARKASH	94.3	94.3	82.3	100.7	92.9	80.7	81.7	88.3	82.3	83.3	83.3	77.0	85.0	80.3	87.5	84.7
20 X - 3342	91.3	90.0	86.3	99.0	91.7	78.3	82.3	89.0	82.3	83.0	83.0	76.0	78.0	80.0	89.0	83.0
21 NARMADA MOTI	94.7	91.3	84.3	99.0	92.3	80.3	83.0	90.0	85.3	84.7	84.7	78.0	83.0	79.3	89.5	84.0
22 KIRAN	93.7	86.3	84.0	100.0	91.5	78.7	81.7	90.0	84.3	83.7	83.7	76.7	81.0	80.0	90.0	82.7
MEAN LOCATION																
C.D. AT 5%#	1.0	1.3	2.2	1.2	1.4	2.0	1.6	6.3	1.0	2.7	2.7	2.0	2.8	2.7	1.2	2.6
C.V. %	0.7	0.8	1.6	0.7	-	1.5	1.2	4.3	0.7	-	-	1.6	2.0	2.0	0.7	1.9
F (Prob)	.000	.000	.005	.000	-	.000	.000	.734	.000	-	-	.000	.000	.000	.000	.000

TABLE NO. 4 (CONT.)

S1 NO PEDIGREE	DAYS TO 75% DRY HUSK												ZN 5 MEAN	OV'L MEAN	
	AMBI	ZN 3 MEAN	HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH			CHHI
1 E H - 1731	88.3	84.0	84.0	80.7	99.0	87.0	97.7	91.0	89.9	82.3	86.7	82.7	85.7	84.3	87.1
2 E H - 1856	90.7	82.8	83.3	80.3	99.0	86.0	92.7	84.0	87.6	83.3	77.0	82.7	81.0	81.0	84.7
3 F H - 3438	91.0	83.2	84.7	81.0	98.7	87.0	94.0	90.0	89.2	81.3	84.3	81.7	86.3	83.4	86.1
4 JAU-PMC - 1	85.3	80.0	85.3	79.7	99.3	86.0	92.3	87.7	88.4	82.0	77.3	80.7	80.0	80.0	84.0
5 HYB R - 2006 - 1	92.0	88.7	87.3	85.0	99.7	86.7	103.0	91.0	92.1	84.7	80.7	83.0	89.0	84.3	89.7
6 J H - 31110	88.3	83.2	85.3	80.7	99.0	86.0	95.7	92.0	89.8	84.3	87.0	82.3	86.0	84.9	86.5
7 J H - 31172	88.0	84.3	86.7	82.0	99.3	86.7	99.7	90.0	90.7	82.3	84.7	84.7	86.3	84.5	87.3
8 J H - 3956	86.3	83.6	86.0	82.0	99.7	86.7	99.3	89.7	90.6	86.7	85.3	85.7	85.7	85.8	87.4
9 J H - 31056	87.0	83.0	85.3	80.3	99.7	86.0	99.0	89.3	89.9	83.3	83.3	86.0	86.7	84.8	86.8
10 B H - 40623	89.7	84.8	85.3	80.7	99.3	86.0	100.0	90.0	90.2	83.3	84.3	83.3	84.0	83.8	87.1
11 B H - 40701	90.7	85.9	85.0	81.0	99.7	86.7	99.7	90.0	90.3	82.0	86.3	86.0	87.3	85.4	87.9
12 A H - 6608	91.7	85.0	84.7	85.7	99.0	85.3	99.0	87.3	90.2	85.3	84.0	86.0	87.3	85.7	88.1
13 A H - 7536	89.3	84.4	85.3	81.3	99.3	86.7	97.7	90.7	90.2	84.7	85.7	83.7	86.7	85.2	87.7
14 A H - 7540	88.3	84.4	83.7	82.3	99.0	87.0	97.0	89.7	89.8	82.7	84.0	83.3	86.0	84.0	87.3
15 U M C - 1	92.3	83.7	84.7	80.3	99.0	86.0	96.0	88.3	89.1	83.7	82.7	82.3	83.7	83.1	86.3
16 KAVERI SUPER-2020	88.0	85.0	84.7	83.0	99.3	87.0	101.0	90.7	90.9	86.3	82.3	82.0	86.0	84.2	88.3
17 EURO - 1202	90.7	83.1	84.0	80.3	99.0	86.7	95.3	89.3	89.1	82.7	84.7	82.7	74.0	81.0	85.7
18 X - 121	86.7	83.1	85.3	82.3	98.7	87.0	96.3	89.3	89.8	84.3	85.0	84.3	86.3	85.0	86.7
CHECKS:															
19 PARKASH	89.3	84.0	84.0	81.3	99.0	87.0	96.7	91.3	89.9	84.7	82.0	82.3	86.7	83.9	86.8
20 X - 3342	90.7	82.8	85.7	80.7	99.3	86.0	94.0	89.7	89.2	82.7	84.7	85.3	82.7	83.8	86.1
21 NARMADA MOTI	86.7	83.4	84.7	81.7	99.0	86.0	95.7	90.3	89.6	83.7	88.3	82.3	86.3	85.2	86.9
22 KIRAN	88.7	83.2	85.7	84.0	99.3	86.7	96.7	90.3	90.4	82.3	85.3	84.7	84.0	84.1	86.6
MEAN LOCATION	89.1	83.9	85.0	81.7	99.2	86.5	97.2	89.6	89.9	83.6	83.9	83.5	84.9	84.0	86.9
C.D. AT 5%	1.5	2.2	3.2	3.0	0.9	1.8	2.0	3.3	2.4	1.2	3.9	0.9	6.3	3.1	-
C.V. %	1.1	-	2.3	2.3	0.6	1.3	1.3	2.2	-	0.9	2.8	0.7	4.5	-	-
F (Prob)	.000	-	.812	.016	.658	.917	.000	.017	-	.000	.000	.000	.019	-	-

TABLE NO. 4 (CONT.)

S1	No	PEDIGREE	MOISTURE % AT HARVEST										ZN 5	OV'L			
			ZN 3			ZN 4				ZN 5					MEAN		
			AMBI	MEAN	HYDE	KARI	ARBH	MAND	COIM	KOLH	MEAN	UDAI	BANS	GODH	CHHI	MEAN	MEAN
	1	E H - 1731	15.5	21.1	22.1	7.7	28.1	15.6	18.0	10.6	17.0	14.9	15.3	14.8	20.5	16.4	20.8
	2	E H - 1856	16.0	19.8	18.0	8.4	26.1	14.8	17.5	12.3	16.2	15.3	16.5	14.6	20.6	16.7	20.0
	3	F H - 3438	16.5	21.9	20.3	12.4	23.3	14.1	16.8	11.4	16.4	16.6	16.0	14.5	21.3	17.1	20.6
	4	JAU-FMC - 1	15.1	19.4	19.5	11.1	22.0	14.8	17.5	11.3	16.0	16.9	15.3	14.4	20.9	16.8	19.9
	5	HYB R - 2006 - 1	14.2	22.5	22.2	12.4	37.5	15.4	19.8	13.4	20.1	22.1	15.4	12.8	22.8	18.3	22.9
	6	J H - 31110	16.4	21.4	19.5	8.3	26.3	14.4	17.0	11.4	16.1	19.0	16.1	11.6	19.5	16.6	20.6
	7	J H - 31172	17.5	22.9	22.4	11.8	29.8	14.4	17.3	11.5	17.9	17.8	16.4	12.3	22.4	17.2	21.8
	8	J H - 3956	17.3	22.0	21.3	10.1	28.8	14.2	18.0	11.1	17.2	15.8	16.1	16.9	21.9	17.7	21.0
	9	J H - 31056	16.8	21.7	21.8	12.9	27.9	14.1	18.0	11.6	17.7	19.9	15.9	12.8	19.9	17.1	21.2
	10	B H - 40623	15.1	20.5	22.0	13.6	27.6	15.5	17.3	10.9	17.8	24.3	16.5	15.9	21.3	19.5	21.7
	11	B H - 40701	15.6	22.8	20.7	10.0	29.8	14.9	17.3	12.0	17.4	22.9	16.3	11.4	20.8	17.9	22.1
	12	A H - 6608	14.8	22.7	18.9	13.6	28.5	14.1	17.0	11.4	17.2	21.9	15.7	11.1	20.5	17.3	21.9
	13	A H - 7536	16.7	21.1	17.0	8.4	27.7	14.9	17.5	11.4	16.1	17.5	16.5	14.6	19.0	16.9	20.9
	14	A H - 7540	15.9	21.8	20.3	11.9	27.0	14.2	18.4	12.4	17.4	17.8	15.5	13.3	19.9	16.6	21.3
	15	U M C - 1	15.5	20.8	22.1	7.5	30.0	14.1	16.8	10.8	16.9	18.3	15.8	11.3	20.1	16.4	20.4
	16	KAVERI SUPER-2020	15.8	23.0	22.5	14.1	32.4	15.3	18.4	12.8	19.2	18.3	15.7	12.0	23.0	17.3	22.6
	17	EURO - 1202	15.7	22.0	19.9	9.1	25.5	14.5	18.0	12.4	16.5	16.5	16.8	12.4	20.5	16.5	20.8
	18	X - 121	16.7	20.8	18.9	11.0	25.4	15.1	16.9	12.5	16.6	22.3	15.5	13.6	20.3	17.9	20.9
		CHECKS:															
	19	PARKASH	15.1	21.9	19.9	7.9	27.4	13.7	16.5	10.1	15.9	18.1	16.0	13.2	19.6	16.7	20.8
	20	X - 3342	16.0	20.7	24.0	10.4	29.6	15.1	15.5	11.2	17.6	15.5	16.0	11.3	18.9	15.4	20.3
	21	NARMADA MOTI	16.8	22.7	20.1	8.0	29.6	15.1	17.8	11.4	17.0	20.0	15.6	11.9	21.5	17.3	21.3
	22	KIRAN	15.5	21.3	20.4	7.8	28.1	14.0	15.7	10.9	16.1	16.1	16.3	13.1	20.6	16.5	20.5
		MEAN LOCATION	15.9	21.6	20.6	10.4	28.1	14.6	17.4	11.6	17.1	18.5	16.0	13.2	20.7	17.1	21.1
		C.D. AT 5%	0.7	0.5	2.3	1.6	3.8	1.0	0.3	1.1	1.7	0.4	0.3	0.9	1.8	0.8	-
		C.V. %	2.7	-	6.8	9.3	8.2	4.1	1.1	5.9	-	1.3	1.0	4.2	5.1	-	-
		F (Prob)	.000	-	.000	.000	.000	.006	.000	.000	-	.000	.000	.000	.001	-	-

TABLE NO. 4 (CONT.)

Sl No	PEDIGREE	PLANT HEIGHT (cm)										ZN 2		GORA BELI	VARA	DHOL	RANC
		ALMO	BAJA	KANG	BARA	MEAN	DELH DMRD	LUJH	KARN	PANT	KANP	MEAN					
1	E H - 1731	248	198	265	193	226	166	198	160	168	181	175	140	173	129	198	
2	E H - 1856	250	189	248	194	220	165	187	163	168	200	177	130	155	126	195	
3	F H - 3438	265	193	255	173	222	160	175	157	168	183	169	129	173	137	200	
4	JAU-PMC - 1	248	187	242	191	217	130	167	150	158	183	158	134	160	124	178	
5	HYB R - 2006 - 1	287	197	257	194	234	176	223	150	180	174	181	142	178	150	230	
6	J H - 31110	265	203	253	194	229	157	187	160	157	192	171	131	168	133	193	
7	J H - 31172	268	199	270	171	227	150	168	157	145	186	161	124	170	128	212	
8	J H - 3956	268	198	280	193	235	152	168	157	165	170	162	140	180	128	209	
9	J H - 31056	280	203	283	161	232	169	193	173	175	174	177	143	193	143	190	
10	B H - 40623	268	205	268	180	230	157	193	170	175	193	178	144	198	135	201	
11	B H - 40701	247	189	258	208	226	173	192	173	172	183	179	129	150	125	192	
12	A H - 6608	257	197	262	173	222	179	195	173	170	195	182	139	165	141	227	
13	A H - 7536	252	197	268	169	221	166	203	163	162	192	177	135	173	133	193	
14	A H - 7540	258	188	243	201	223	148	183	162	160	153	161	126	150	119	203	
15	U M C - 1	247	212	283	202	236	141	162	152	152	186	158	157	175	127	194	
16	KAVERI SUPER - 2020	253	194	252	189	222	140	185	147	170	166	162	128	165	126	181	
17	EURO - 1202	250	195	267	197	227	156	198	147	172	169	168	120	170	136	189	
18	X - 121	262	212	263	207	236	168	183	167	172	192	176	140	168	133	197	
CHECKS:																	
19	PARKASH	275	190	283	194	236	166	183	170	168	205	179	142	168	128	176	
20	X - 3342	255	203	252	192	225	169	202	160	177	191	180	141	168	124	187	
21	NARMADA MOTI	285	202	270	182	235	172	220	160	180	157	178	152	183	148	205	
22	KIRAN	262	197	245	195	225	154	203	160	172	194	177	137	168	134	186	
MEAN LOCATION																	
C.D. AT 5%		10.6	17.7	35.0	29.5	23.2	18.2	25.1	20.0	18.4	13.9	19.1	20.1	5.9	12.8	29.2	
C.V. %		2.5	5.4	8.1	9.5	-	6.9	8.0	7.5	6.6	4.6	-	8.9	2.1	5.9	7.1	
F (Prob)		.000	.276	.372	.128	-	.000	.000	.164	.038	.000	-	.101	.000	.001	.074	

TABLE NO. 4 (CONT.)

Sl No	PEDIGREE	PLANT HEIGHT (cm)												ZN 5 MEAN	OV'L MEAN		
		JASH	AMBI	ZN 3 MEAN	HYDE	KARI	ARSH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS			GODH	CHHI
1	E H - 1731	156	238	172	208	163	180	170	184	190	183	172	145	113	202	158	182
2	E H - 1856	153	228	165	182	146	156	157	177	190	168	175	138	127	170	152	175
3	F H - 3438	165	237	173	208	159	166	167	191	182	179	168	150	145	190	163	180
4	JAU-PMC - 1	145	224	161	202	151	160	173	170	182	173	145	150	113	178	147	170
5	HYB R - 2006 - 1	166	240	184	228	165	172	179	168	172	181	167	141	127	212	161	187
6	J H - 31110	150	238	169	162	157	166	178	175	197	172	165	152	148	200	166	179
7	J H - 31172	151	231	169	198	170	162	162	180	192	177	130	125	142	152	137	174
8	J H - 3956	164	238	176	187	148	161	172	175	192	172	145	133	103	183	141	176
9	J H - 31056	171	261	184	212	152	178	182	188	182	182	178	159	133	218	172	188
10	B H - 40623	155	236	180	215	155	180	185	183	168	181	170	144	177	198	172	186
11	B H - 40701	156	241	166	207	161	159	159	181	180	174	155	154	143	200	163	179
12	A H - 6608	174	242	181	218	167	177	180	170	183	183	173	139	153	200	162	185
13	A H - 7536	156	252	175	217	140	171	172	179	188	178	173	139	103	190	151	180
14	A H - 7540	146	216	160	198	152	158	158	166	187	170	147	114	106	188	139	169
15	U M C - 1	156	221	171	223	170	157	170	175	177	179	142	142	113	207	151	178
16	KAVERI SUPER - 2020	157	236	166	205	155	155	175	162	175	171	175	117	132	190	154	173
17	EURO - 1202	158	241	169	198	153	149	164	170	185	170	138	136	122	182	144	174
18	X - 121	158	240	173	223	171	175	173	189	205	189	175	134	137	215	165	186
CHECKS:																	
19	PARKASH	152	238	167	200	161	164	188	175	147	172	152	126	142	185	151	179
20	X - 3342	166	245	171	202	167	178	152	178	202	180	162	146	137	178	156	181
21	NARADA MOTI	164	251	184	195	181	192	178	188	192	188	165	120	147	210	161	188
22	KIRAN	166	232	170	205	151	164	171	180	190	177	158	151	97	198	151	179
MEAN LOCATION																	
C.D. AT 5% ^m																	
C.V. % ^m																	
F (Prob)																	
		6.7	16.6	15.2	29.7	11.8	7.7	20.0	8.4	42.4	20.0	13.6	8.1	4.4	46.5	18.2	-
		2.6	4.2	-	8.6	4.5	2.8	7.1	2.9	14.0	-	5.2	3.6	2.1	14.6	-	-
		.000	.001	-	.022	.000	.000	.052	.000	.000	-	.000	.000	.547	.000	-	-

TABLE NO. 4 (CONT.)

S1 No PEDIGREE	EAR HEIGHT (cm)										ZN 1		DELH		LUDH		KARN		PANT		KANP		ZN 2		GORA		DHOL	RANC
	ALMO	BAJA	KANG	BARA	MEGH	MEAN	DMRD	LUDH	KARN	PANT	KANP	MEAN	BELI	VARA	DHOL	RANC												
1 E H - 1731	142	115	142	94	123	91	133	80	73	93	94	56	88	58	118													
2 E H - 1856	122	87	108	80	99	92	103	80	70	88	87	48	83	55	93													
3 F H - 3438	102	80	105	89	94	67	73	63	60	83	69	45	63	46	89													
4 JAU-PMC - 1	130	103	105	97	109	66	87	87	63	79	76	53	78	48	90													
5 HYB R - 2006 - 1	155	93	127	98	118	84	128	72	73	75	86	60	88	69	114													
6 J H - 31110	125	102	113	104	111	79	102	80	63	91	83	47	60	62	101													
7 J H - 31172	137	98	123	76	108	76	95	80	50	80	76	45	85	56	114													
8 J H - 3956	145	107	128	91	118	80	107	80	70	91	85	50	90	62	109													
9 J H - 31056	135	109	123	73	110	84	105	87	73	71	84	45	85	60	93													
10 B H - 40623	132	100	128	85	111	82	112	77	77	85	86	49	98	58	98													
11 B H - 40701	117	89	123	107	109	78	105	75	67	76	80	44	63	52	88													
12 A H - 6608	140	107	125	95	117	98	112	64	70	98	88	54	93	68	124													
13 A H - 7536	130	100	128	81	110	95	112	80	70	102	92	51	88	63	104													
14 A H - 7540	133	99	115	91	110	81	100	97	63	91	86	50	80	48	103													
15 U M C - 1	113	111	130	108	116	73	92	47	60	68	68	56	85	60	95													
16 KAVERI SUPER - 2020	133	107	115	97	113	81	107	83	73	75	84	52	88	56	89													
17 EURO - 1202	125	102	120	98	111	79	97	68	73	83	80	50	70	56	95													
18 X - 121	115	101	120	104	110	86	95	83	73	82	84	50	73	52	90													
CHECKS:																												
19 PARKASH	138	102	128	96	116	87	110	83	63	106	90	54	90	58	101													
20 X - 3342	132	103	120	91	112	99	118	70	70	81	88	53	85	50	109													
21 NARMADA MOTI	153	119	140	101	128	91	140	88	83	78	96	70	103	70	109													
22 KIRAN	153	100	107	94	114	81	117	90	73	88	90	49	90	61	95													
MEAN LOCATION	132	101	122	93	112	83	107	78	69	85	84	51	83	58	101													
C.D. AT 5%	11.5	16.3	32.1	29.6	22.4	13.7	18.4	29.4	15.8	10.5	17.6	12.1	7.5	8.3	22.6													
C.V. %	5.3	9.7	16.0	19.3	-	10.0	10.5	22.9	13.9	7.5	-	14.3	5.5	8.7	10.8													
F (Prob)	.000	.008	.693	.647	-	.000	.000	.381	.082	.000	-	.042	.000	.000	.084													

TABLE NO. 4 (CONT.)

S1 No PEDIGREE	EAR HEIGHT (cm)										ZN 5 OV'L MEAN				
	JASH	AMBI	ZN 3 MEAN	HIDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN		UDAI	BANS	GODH	CHHI
1 E H - 1731	63	101	81	100	67	102	88	105	93	98	59	42	102	75	92
2 E H - 1856	62	83	70	87	70	76	72	90	90	82	55	40	88	66	80
3 F H - 3438	55	68	61	75	54	60	68	81	88	71	62	32	83	60	70
4 JAU-PMC - 1	56	86	68	88	73	74	83	84	95	83	65	47	80	63	79
5 HYB R - 2006 - 1	62	91	80	103	72	78	92	92	103	90	65	43	107	66	88
6 J H - 31110	59	86	69	85	69	82	84	92	87	83	67	55	97	76	83
7 J H - 31172	59	85	74	92	68	85	79	99	92	86	62	45	93	63	81
8 J H - 3956	67	92	78	83	67	86	85	100	92	86	65	32	95	60	85
9 J H - 31056	70	103	76	83	72	90	93	92	93	87	90	53	102	80	86
10 B H - 40623	64	94	77	95	66	89	97	98	80	87	75	80	100	77	87
11 B H - 40701	58	83	65	87	64	69	79	91	87	79	72	43	87	70	79
12 A H - 6608	81	104	87	100	83	95	95	99	98	95	72	63	100	72	92
13 A H - 7536	68	99	79	95	64	93	86	95	87	87	67	33	102	74	87
14 A H - 7540	63	86	72	93	64	76	75	88	97	82	65	42	103	65	82
15 U M C - 1	63	76	72	83	72	73	87	79	80	79	68	53	98	63	78
16 KAVERI SUPER-2020	66	98	75	90	77	87	99	94	92	90	80	42	93	67	85
17 EURO - 1202	65	85	70	87	66	69	87	95	83	81	60	52	97	69	81
18 X - 121	61	83	68	95	70	82	80	87	98	85	77	63	105	76	83
CHECKS:															
19 PARKASH	65	101	78	92	80	89	97	99	83	90	75	50	98	70	88
20 X - 3342	68	96	77	95	69	92	77	95	85	85	83	57	88	74	86
21 NARMADA MOTI	77	106	89	103	85	110	93	97	95	97	95	46	110	76	97
22 KIRAN	72	94	77	92	67	87	91	100	92	88	67	42	102	71	87
MEAN LOCATION	65	91	75	91	70	84	86	93	90	86	74	60	97	70	84
C.D. AT 5%	5.6	14.1	11.7	20.0	9.2	6.6	14.5	7.3	20.1	12.9	10.1	6.2	3.7	17.9	9.5
C.V. %	5.2	9.4	-	13.3	8.0	4.8	10.2	4.7	13.5	-	8.3	6.3	4.7	11.2	-
F (Prob)	.000	.000	-	.449	.000	.000	.002	.000	.000	-	.000	.000	.000	.000	-

TABLE NO. 4 (CONT.)

S1 No PEDIGREE	GRAIN SHELLING %										ZN 3 MEAN				
	ALMO	BAJA	KANG	ZN 1 MEAN	LUDH	KARN	PANT	KAMP	ZN 2 MEAN	GORA BELI		VARA	RANC	JASH	AMBI
1 E H - 1731	85.2	84.5	80.0	83.2	82.6	80.0	81.7	71.0	78.8	76.9	75.3	85.7	77.4	80.0	79.1
2 E H - 1856	86.8	86.2	81.5	84.8	87.5	84.5	85.3	68.5	81.4	75.8	76.8	80.0	80.1	82.0	78.9
3 F H - 3438	83.6	82.4	81.5	82.5	80.9	78.0	84.3	66.5	77.4	75.3	75.3	75.0	78.8	83.5	77.6
4 JAU-PMC - 1	85.8	80.3	81.5	82.5	79.3	80.0	82.7	71.5	78.4	76.5	81.3	75.0	78.9	73.0	76.9
5 HYB R - 2006 - 1	85.5	83.2	82.0	83.6	84.9	74.0	80.2	70.0	77.3	73.3	78.0	85.7	78.2	67.0	76.4
6 J H - 31110	87.7	82.1	81.0	83.6	85.7	70.7	79.3	71.5	76.8	73.5	77.3	85.7	79.7	80.0	79.2
7 J H - 31172	88.3	91.3	82.0	87.2	87.7	80.4	78.9	68.5	78.9	75.4	76.5	83.3	80.2	84.0	79.9
8 J H - 3956	87.3	87.6	82.0	85.7	87.2	80.0	80.8	71.5	79.9	78.3	76.3	80.0	79.9	84.5	79.8
9 J H - 31056	85.7	85.2	83.0	84.6	81.4	90.7	83.7	68.0	80.9	73.9	76.5	83.3	77.4	80.0	78.2
10 B H - 40623	85.4	86.7	81.0	84.4	80.7	82.4	81.6	70.0	78.7	79.5	74.3	88.9	78.3	81.5	80.5
11 B H - 40701	88.6	86.7	81.0	85.4	84.6	81.2	83.2	70.0	79.8	74.7	73.3	85.7	78.1	83.0	78.9
12 A H - 6608	87.9	86.0	83.5	85.8	84.9	81.5	81.8	70.0	79.6	74.9	76.8	80.0	79.4	83.0	78.8
13 A H - 7536	84.8	82.3	82.0	83.0	83.8	82.9	82.1	68.5	79.3	75.2	74.3	83.3	79.4	79.0	78.2
14 A H - 7540	88.0	87.6	81.0	85.5	83.5	76.0	81.3	66.5	76.8	75.1	73.5	83.3	77.8	79.5	77.8
15 U M C - 1	86.2	84.5	81.0	83.9	84.9	80.0	83.7	66.5	78.8	73.0	75.5	83.3	78.6	75.5	77.2
16 KAVERI SUPER-2020	88.5	87.7	81.5	85.9	83.0	80.0	78.7	71.0	78.2	73.8	75.3	87.5	78.6	82.5	79.5
17 EURO - 1202	86.0	86.2	79.5	83.9	83.3	75.0	82.0	71.0	77.8	72.4	75.3	83.3	79.6	83.0	78.7
18 X - 121	88.3	89.1	82.0	86.5	80.9	89.5	79.9	71.5	80.5	78.3	79.8	87.5	79.4	83.0	81.6
CHECKS:															
19 PARKASH	89.0	88.6	82.0	86.5	87.8	78.5	75.8	71.5	78.4	82.9	78.5	80.0	80.4	84.5	81.3
20 X - 3342	85.8	80.7	82.0	82.8	83.7	78.5	76.1	69.0	76.8	82.4	74.3	87.5	78.3	81.0	80.7
21 NARMADA MOTI	85.2	88.9	79.0	84.3	77.5	84.5	82.3	70.0	78.6	76.4	75.0	75.0	78.1	79.0	76.7
22 KIRAN	87.3	82.6	81.0	83.6	86.9	80.0	77.1	72.5	79.1	73.5	78.3	83.3	79.1	78.0	78.4
MEAN LOCATION	86.7	85.5	81.4	84.5	83.8	80.4	81.0	69.8	78.7	75.9	76.2	82.8	78.9	80.3	78.8
G.D. AT 5% =	1.0	3.8	2.1	2.3	3.3	0.0	3.2	3.7	2.5	2.3	1.5	0.0	0.8	4.7	1.9
C.V. % =	0.7	2.7	1.6	-	2.4	0.0	2.4	3.2	-	1.9	1.2	0.0	0.6	3.6	-
F (Prob)	.000	.000	.036	-	.000	-	.000	.030	-	.000	.000	-	.000	.000	-

TABLE NO. 4 (CONT.)

Sl No	PEDIGREE	GRAIN SHELLING %										ZN 5 MEAN	OV'L MEAN	
		HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH			CHHI
1	E H - 1731	77.3	78.0	82.0	88.9	81.7	66.0	79.0	82.7	69.3	78.9	61.7	73.1	78.5
2	E H - 1856	76.3	82.2	84.5	79.3	82.2	63.9	78.1	82.3	73.9	73.2	75.0	76.1	79.4
3	F H - 3438	75.3	73.9	78.8	81.8	77.0	61.3	74.7	80.6	71.2	73.2	74.9	75.0	77.0
4	JAU-PMC - 1	72.3	83.4	81.3	82.2	77.0	63.4	76.6	80.3	75.3	76.4	80.3	78.1	78.1
5	HXB R - 2006 - 1	75.3	76.0	80.9	85.0	79.8	61.7	76.5	82.2	69.3	77.5	61.8	72.7	76.9
6	J H - 31110	76.9	84.5	83.8	79.6	81.0	65.6	78.6	81.2	77.2	73.2	79.2	77.7	78.9
7	J H - 31172	74.2	82.3	85.5	79.4	80.0	63.4	77.5	79.8	75.9	84.2	73.6	78.3	79.8
8	J H - 3956	72.8	78.7	85.9	84.2	86.0	63.8	78.6	80.3	75.2	81.7	77.5	78.7	80.1
9	J H - 31056	75.3	81.0	85.3	79.2	82.3	65.9	78.2	80.9	77.3	68.3	72.8	74.8	79.0
10	B H - 40623	74.5	76.9	81.3	83.0	81.0	66.0	77.1	81.3	79.2	60.0	73.4	73.5	78.5
11	B H - 40701	74.4	83.3	84.6	83.7	84.2	63.6	79.0	79.7	78.7	76.4	75.0	77.4	79.7
12	A H - 6608	72.8	80.2	84.4	79.6	80.3	66.0	77.2	81.3	66.2	52.8	79.7	70.0	77.9
13	A H - 7536	73.5	78.0	82.9	81.8	79.0	65.5	76.8	83.1	76.3	77.5	76.3	78.3	78.7
14	A H - 7540	75.1	83.7	83.2	81.0	81.8	64.2	78.2	81.3	72.8	76.0	80.3	77.6	78.7
15	U M C - 1	74.9	80.3	82.8	86.4	78.8	67.7	78.5	81.9	77.7	68.3	80.3	77.1	78.7
16	KAVERI SUPER - 2020	75.7	82.3	85.0	94.0	84.9	66.9	81.4	81.6	74.8	84.2	77.8	79.6	80.7
17	EURO - 1202	74.8	82.3	83.2	79.5	80.9	63.2	77.3	80.8	75.8	86.1	75.0	79.4	79.0
18	X - 121	75.0	80.6	85.8	82.0	85.3	56.6	77.6	78.6	69.4	76.4	76.3	75.2	79.8
CHECKS:														
19	PARKASH	74.4	82.3	86.0	85.9	84.9	67.7	80.2	79.9	69.8	68.3	79.2	74.3	79.9
20	X - 3342	73.5	84.3	82.7	87.7	78.8	63.9	78.5	79.3	68.0	63.3	75.0	71.4	78.0
21	NARMADA MOTI	74.3	84.8	82.8	85.3	84.0	63.9	79.2	81.3	70.7	73.2	73.3	74.6	78.4
22	KIRAN	74.8	82.9	82.6	78.6	86.0	63.7	78.1	81.4	67.1	52.8	69.6	67.7	77.2
MEAN LOCATION														
C.D. AT 5%		1.2	2.5	1.6	4.5	0.5	8.8	3.2	0.3	1.4	2.7	8.2	3.2	-
C.V. %		1.0	1.8	1.2	3.3	0.4	8.3	-	0.3	1.2	2.3	6.6	-	-
F (Prob)		.000	.000	.000	.000	.000	.876	-	.000	.000	.001	.000	-	-

TABLE NO. 4 (CONT.)

S1 NO PEDIGREE	STAND AT HARVEST							MEGH DELH				GORA			
	ALMO	BAJA	KANG	BARA	DMRD	IUDH	KARN	PANT	KANP	BELI	VARA	DHOL	RANC		
1 E H - 1731	22	31	24	23	35	31	26	36	33	26	36	30	31		
2 E H - 1856	22	31	23	24	35	35	28	34	31	29	37	32	31		
3 F H - 3438	22	32	24	24	35	34	26	37	31	29	38	33	30		
4 JAU-PMC - 1	21	30	24	23	34	35	26	34	33	27	36	33	32		
5 HYB R - 2006 - 1	21	27	23	22	33	33	26	39	31	25	37	26	30		
6 J H - 31110	23	29	25	23	37	34	27	38	32	29	37	34	39		
7 J H - 31172	23	33	24	24	36	32	28	36	33	25	35	30	35		
8 J H - 3956	23	33	25	22	36	34	26	34	35	30	35	30	37		
9 J H - 31056	23	32	25	23	38	33	26	36	35	27	36	34	30		
10 B H - 40623	22	32	25	23	36	35	27	36	34	31	36	30	38		
11 B H - 40701	22	30	24	23	34	33	28	37	31	28	34	30	28		
12 A H - 6608	23	28	22	21	31	33	26	36	34	25	34	26	33		
13 A H - 7536	23	34	25	23	35	33	28	33	34	30	35	30	32		
14 A H - 7540	24	30	23	23	37	33	27	32	32	26	35	29	30		
15 U M C - 1	21	33	23	23	35	33	25	37	29	24	35	33	33		
16 KAVERI SUPER - 2020	23	31	24	23	36	35	26	36	33	26	35	27	30		
17 EURO - 1202	23	33	26	23	33	35	24	38	34	28	37	32	40		
18 X - 121	23	31	23	25	37	33	27	35	33	33	35	33	39		
CHECKS:															
19 PARKASH	23	33	23	22	36	34	27	37	31	30	37	32	33		
20 X - 3342	23	33	24	22	35	35	26	37	33	32	37	33	32		
21 NARMADA MOTI	22	31	23	23	35	34	25	37	31	27	35	27	27		
22 KIRAN	21	30	24	24	35	33	27	36	32	29	35	34	33		
MEAN LOCATION	23	31	24	23	35	34	27	36	32	28	36	31	33		
C.D. AT 5%#	1.9	3.3	2.9	4.3	2.8	3.6	2.4	4.5	1.6	4.1	2.9	5.0	10.7		
C.V. % #	5.0	6.4	7.3	11.4	4.9	6.5	5.5	7.6	2.9	8.9	4.8	9.8	15.8		
F (Prob)	.070	.004	.583	.980	.008	.758	.132	.423	.000	.001	.285	.014	.497		

TABLE NO. 4 (CONT.)

Sl No	PEDIGREE	STAND AT HARVEST											OV'L MEAN	
		JASH	AMBI	HYDE	KARI	ARBH	MAND	COIM	KOLH	UDAI	BANS	GODH		CHHI
1	E H - 1731	32	33	34	36	35	31	27	37	31	28	32	39	31
2	E H - 1856	30	38	37	34	28	32	27	40	30	31	27	39	31
3	F H - 3438	28	36	36	28	29	34	27	39	32	27	27	34	31
4	JAU-PMC - 1	28	35	34	38	31	32	27	39	33	28	31	35	31
5	HYB R - 2006 - 1	29	28	32	35	23	31	23	29	36	25	29	34	29
6	J H - 31110	29	40	36	35	31	29	29	38	36	29	31	39	32
7	J H - 31172	29	39	35	28	30	30	28	34	34	27	28	39	31
8	J H - 3956	28	37	37	34	34	32	30	36	35	29	29	40	32
9	J H - 31056	28	37	37	38	34	33	31	39	34	28	31	37	32
10	B H - 40623	28	34	35	36	25	33	26	38	37	30	30	38	32
11	B H - 40701	28	35	34	37	32	32	30	38	38	28	28	35	31
12	A H - 6608	28	36	32	24	25	31	26	33	31	27	28	37	29
13	A H - 7536	29	35	37	27	33	33	28	34	34	29	33	37	31
14	A H - 7540	29	36	33	23	25	33	26	35	35	27	31	34	30
15	U M C + 1	27	31	37	26	23	34	25	36	29	29	28	37	30
16	KAVERI SUPER - 2020	29	35	34	36	33	32	26	37	32	27	28	38	31
17	EURO - 1202	28	41	37	41	37	34	27	40	34	29	29	40	33
18	X - 121	30	40	39	34	36	34	28	39	39	27	33	39	33
CHECKS:														
19	PARKASH	30	33	36	30	32	30	24	35	37	25	25	38	31
20	X - 3342	28	39	36	26	35	34	26	36	30	27	27	37	31
21	NARMADA MOTI	29	32	36	33	33	32	24	32	31	29	30	39	30
22	KIRAN	29	38	35	24	32	30	28	35	31	27	26	40	31
MEAN LOCATION														
C.D. AT 5%		2.6	5.1	4.2	5.6	7.7	4.4	4.1	7.8	2.8	2.7	4.9	5.8	-
C.V. %		5.6	8.6	7.2	10.6	15.1	8.2	9.1	13.1	5.0	5.8	10.3	9.4	-
F (Prob)		.310	.001	.164	.000	.008	.548	.032	.500	.000	.018	.000	.539	-

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE SEEDTEC - 2324														ZN 3 MEAN
		BAJA	MEGH	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	KANP	ZN 2 MEAN	GORA BELI	VARA	JASH		
1	J H - 11137	-	16.65	2.70	186.09	35.24	9.53	0.24	8.13	-	24.22	-	-	-	5.20	-
2	J H - 11180	7.36	9.32	7.80	69.62	51.38	-	-	37.00	-	21.53	18.45	9.17	-	-	2.05
3	J H - 11422	10.42	13.11	11.02	73.01	31.47	-	4.10	5.52	13.65	14.52	0.84	0.01	-	-	-
4	J H - 11433	2.87	21.49	7.06	83.53	58.48	12.57	10.76	0.19	-	21.85	-	0.91	28.42	9.26	-
5	J H - 11449	12.40	10.40	11.95	59.42	40.16	7.50	19.07	6.55	1.71	17.79	9.78	0.76	31.07	11.91	-
6	J H - 11693	-	10.23	-	103.22	26.48	7.07	-	12.55	-	13.68	0.96	-	11.63	0.37	-
7	B H - 40707	2.47	0.25	1.97	56.23	-	16.41	4.34	-	1.69	-	11.49	-	-	-	-
8	B H - 40708	-	4.86	-	68.07	-	0.27	12.58	-	1.55	0.17	-	-	5.70	-	-
9	B H - 40709	2.39	17.07	5.69	-	-	-	-	4.50	4.34	-	-	-	35.08	8.32	-
10	B H - 40710	-	17.00	-	22.17	-	7.12	15.57	-	-	-	-	-	-	-	-
11	B H - 40711	-	17.62	-	34.08	-	2.29	0.80	-	9.35	-	-	-	4.52	-	-
12	B H - 40712	-	23.43	2.04	39.87	-	4.49	6.36	-	-	-	-	0.79	-	-	-
13	B H - 40713	10.48	14.80	11.45	60.86	3.43	11.30	8.13	12.56	-	9.79	3.28	6.73	8.77	6.70	-
14	B H - 40714	-	19.68	-	47.20	25.43	-	-	-	-	-	0.43	-	-	-	-
15	V E H - 3017	-	12.47	-	4.58	-	5.74	13.20	5.88	6.40	3.92	2.29	19.60	-	-	8.38
16	A H - 511	-	3.50	-	39.65	-	2.23	14.64	-	-	-	-	-	-	-	-
17	C - 555	6.55	18.33	9.20	-	-	-	11.77	14.87	-	-	-	2.73	-	-	-
18	KAVERI-2288 SUPER	-	22.71	1.79	-	-	9.16	9.75	-	14.37	-	2.35	23.53	-	-	9.20
19	KAVERI - 50	24.35	13.37	21.88	68.04	-	8.66	7.50	-	12.67	6.40	-	13.03	-	-	4.54
20	M M - 8255	5.48	3.89	5.13	83.34	6.95	-	-	18.96	-	7.97	4.14	0.45	2.43	1.77	-
21	X 6B 269	22.49	22.56	22.51	23.15	4.65	9.89	-	12.46	-	5.24	18.72	15.54	-	10.99	-
22	X 6B 271	12.30	19.70	13.97	81.40	-	26.77	11.51	5.26	5.66	13.79	40.20	1.09	-	0.24	-
23	SINDHU - 333	1.79	-	0.56	45.26	2.24	5.13	15.26	35.74	0.59	13.95	-	12.78	-	-	1.27

TABLE NO 1 (CONT.)

Sl NO	PEDIGREE	GRAIN YIELD % SUPERIORITY OVER THE SEEDTEC - 2324													ZN 3 MEAN		
		BAJA	MEGH BARA	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	KANP	ZN 2 MEAN	GORA BELI	VARA	JASH			
24	AMAR - 555	17.21	27.75	19.58	26.02	-	10.84	12.37	-	3.62	-	4.87	-	-	-	-	
25	O M - 7676	2.99	8.73	4.28	52.63	3.47	13.23	6.81	59.34	5.32	21.47	-	-	1.03	-	-	
26	HYTECH'S HTCH-5101	7.67	21.24	10.73	32.82	-	15.73	-	13.61	-	7.92	0.33	12.97	12.90	10.52	-	
27	P R O - 372	15.05	9.67	13.84	48.43	-	-	14.64	17.58	-	4.56	-	8.89	-	-	-	
28	P R O - 373	-	10.17	-	49.30	2.89	-	-	7.37	-	2.86	-	-	-	-	-	
29	C.P. 808	-	21.25	3.15	130.54	51.07	20.88	1.35	27.02	-	28.25	4.20	34.95	7.39	20.48	-	
30	C.P. 818	13.44	16.90	14.22	-	-	-	-	0.31	-	-	0.57	4.97	6.09	4.47	-	
31	M O 1 - 062	1.67	4.48	2.31	61.57	-	9.03	-	-	-	0.59	-	-	29.17	3.07	-	
32	M O 1 - 825	-	0.46	-	-	-	-	2.93	-	-	-	-	-	-	-	-	
33	G K - 3018	16.63	13.72	15.98	-	-	-	9.21	23.50	-	-	-	18.41	-	0.52	-	
34	G K - 3055	-	0.33	-	40.27	-	11.52	4.48	-	0.35	-	-	12.42	-	0.24	-	
35	G K - 3056	-	-	-	53.68	-	-	0.30	0.13	13.84	-	6.22	-	2.35	-	-	
36	MDMH - 101	9.88	13.61	10.72	96.29	42.17	5.92	15.51	12.72	9.86	22.98	8.73	18.66	15.56	15.79	-	
37	C.P. 848	24.22	-	15.69	39.13	19.58	27.08	6.41	-	1.76	13.19	-	11.49	-	1.25	-	
38	X - 610	-	13.86	-	49.04	-	7.72	7.07	5.05	1.78	3.01	-	-	-	-	-	
39	X - 640	-	23.40	2.30	27.78	-	-	-	7.89	7.50	0.13	6.46	5.38	-	3.08	-	
40	M C H - 36	4.68	12.78	6.50	8.65	-	-	10.94	10.86	4.15	2.24	3.31	9.63	2.27	6.13	-	
CHECKS:																	
41	SEEDTEC - 2324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	BIO - 9681	9.36	18.19	11.35	9.69	-	32.55	14.59	-	1.55	-	9.73	-	-	0.42	-	-
43	PRO - 311	3.28	22.07	7.51	-	-	-	-	17.68	-	-	-	4.98	-	-	-	-
44	PARBHAT	-	6.27	-	37.26	-	-	13.10	-	-	-	-	-	-	-	-	-

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE BIO - 9681														ZN 3 MEAN
		BAJA	MEGH BARA	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	KANP	ZN 2 MEAN	GORA BELI	VARA	JASH		
1	J H - 11137	-	-	-	160.81	169.98	-	-	11.32	-	25.90	-	-	6.56	-	
2	J H - 11180	-	-	-	54.63	202.19	-	-	41.03	-	23.18	7.95	11.54	-	1.63	
3	J H - 11422	0.97	-	-	57.72	162.44	-	-	8.63	11.92	16.07	-	2.18	-	-	
4	J H - 11433	-	2.80	-	67.31	216.36	-	-	3.14	-	23.50	-	3.10	30.09	8.81	
5	J H - 11449	2.78	-	0.54	45.33	179.79	-	3.91	9.69	0.16	19.38	0.05	2.95	32.77	11.45	
6	J H - 11693	-	-	-	85.26	152.49	-	-	15.86	-	15.21	-	-	13.08	-	
7	B H - 40707	-	-	-	42.42	-	-	-	-	0.14	-	1.60	-	-	-	
8	B H - 40708	-	-	-	53.22	49.69	-	-	-	0.00	1.53	-	-	7.07	-	
9	B H - 40709	-	-	-	-	29.72	-	-	7.57	2.75	-	-	-	36.83	7.87	
10	B H - 40710	-	-	-	11.37	42.72	-	0.85	-	-	-	-	-	-	-	
11	B H - 40711	-	-	-	22.23	49.13	-	-	2.59	7.69	0.87	-	-	5.87	-	
12	B H - 40712	-	4.43	-	27.50	30.53	-	-	15.88	-	11.27	-	2.98	-	-	
13	B H - 40713	1.02	-	0.09	46.65	106.46	-	-	-	-	0.35	-	9.05	10.19	6.26	
14	B H - 40714	-	1.26	-	34.19	150.39	-	-	8.99	4.78	5.32	-	1.81	-	7.93	
15	V E H - 3017	-	-	-	-	85.30	-	-	-	-	-	-	22.20	-	-	
16	A H - 511	-	-	-	27.31	31.55	-	0.04	-	-	-	-	-	-	-	
17	C - 555	-	0.12	-	-	38.04	-	-	18.26	-	-	-	4.96	-	-	
18	KAVERI-2288 SUPER	-	3.82	-	-	63.58	-	-	-	12.63	-	-	26.21	-	8.75	
19	KAVERI - 50	13.71	-	9.46	53.19	90.94	-	-	-	10.96	9.86	-	15.49	-	4.11	
20	M M - 8255	-	-	-	67.14	113.50	-	-	22.46	-	9.43	-	2.63	3.76	1.35	
21	X 6B 269	12.01	3.70	10.02	12.27	108.90	-	-	15.77	-	6.66	8.20	18.05	0.23	10.53	
22	X 6B 271	2.69	1.28	2.35	65.37	88.27	-	-	8.36	4.05	15.33	27.77	3.29	-	-	
23	SINDHU - 333	-	-	-	32.43	104.10	-	0.58	39.74	-	15.49	-	15.23	-	0.85	

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE BIO - 9681												ZN 4		ZN 5		CV'L MEAN
		HYDE	KARI	ARBH	BAYE	MAND	COIM	KOLH	MEAN	UDAI	BANS	GODH	CHHI	MEAN	MEAN			
1	J H - 11137	16.30	46.40	15.23	-	24.16	7.18	-	1.95	-	-	-	16.80	-	-	5.56		
2	J H - 11180	54.31	68.55	18.01	2.83	-	27.04	40.04	24.95	105.63	-	-	25.33	24.46	29.81	20.14		
3	J H - 11422	21.07	26.11	51.38	7.53	4.90	1.44	40.61	17.72	-	20.94	-	25.72	10.73	12.61	-		
4	J H - 11433	-	14.72	41.21	11.39	1.41	10.93	14.83	11.16	159.83	-	-	14.87	21.92	14.74	-		
5	J H - 11449	9.96	9.59	38.24	16.29	-	1.25	17.01	11.63	127.88	-	-	3.56	14.85	13.39	-		
6	J H - 11693	20.79	15.90	45.58	-	-	14.43	17.56	11.08	25.02	9.27	19.57	23.13	20.47	10.44	-		
7	B H - 40707	12.16	-	27.18	-	-	2.63	2.50	-	44.59	-	-	-	-	-	-		
8	B H - 40708	11.19	23.02	9.09	-	-	4.07	8.52	0.05	20.88	-	-	11.73	-	-	-		
9	B H - 40709	25.21	-	38.11	-	-	8.34	25.07	1.96	4.06	6.23	-	24.38	11.35	0.96	-		
10	B H - 40710	-	-	2.36	-	-	-	-	-	32.41	-	-	-	-	-	-		
11	B H - 40711	9.26	-	14.76	-	-	-	-	-	48.28	5.14	-	5.90	0.37	-	-		
12	B H - 40712	2.23	15.92	9.58	-	-	-	12.51	-	21.25	-	-	-	-	-	-		
13	B H - 40713	17.42	17.72	29.24	-	3.92	21.92	-	7.18	15.15	-	0.24	11.63	7.37	7.70	-		
14	B H - 40714	17.02	13.05	22.99	-	43.27	-	15.24	10.28	184.56	1.36	1.38	18.86	32.85	7.13	-		
15	V E H - 3017	3.42	-	8.49	-	-	-	-	-	20.79	-	-	-	-	-	-		
16	A H - 511	-	-	-	-	-	-	2.65	-	20.43	2.27	-	-	-	-	-		
17	C - 555	27.55	30.26	30.69	1.11	-	16.42	14.16	12.55	-	0.83	-	-	-	-	-		
18	KAVERI-2288 SUPER	11.80	-	38.28	-	-	44.73	14.90	3.15	-	-	-	10.58	-	0.31	-		
19	KAVERI - 50	-	-	-	-	-	28.73	32.90	-	-	-	48.41	4.51	6.93	2.66	-		
20	M M - 8255	0.85	21.47	41.17	10.18	-	24.39	-	8.29	89.01	17.37	-	37.60	24.96	9.08	-		
21	X 6B 269	-	3.87	36.52	27.41	38.34	23.39	8.60	21.12	150.17	-	7.96	45.74	40.90	17.69	-		
22	X 6B 271	35.58	-	21.06	-	-	6.96	-	-	61.24	5.02	-	4.84	8.48	5.16	-		
23	SINDHU - 333	33.86	6.96	13.32	-	10.18	33.61	-	1.37	-	7.18	-	-	-	-	-		

TABLE NO 1 (CONT.)

S1 NO PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE BIO - 9681											OV'L MEAN			
	HYDE	KARI	ARBH	BAYE	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH		CHHI	ZN 5 MEAN	
24 AMAR - 555	13.19	-	10.90	-	-	15.53	10.98	4.20	54.59	2.24	-	10.57	-	0.99	
25 O M - 7676	0.80	-	-	-	25.93	24.56	25.93	-	-	11.74	-	4.76	-	4.43	
26 HYTECH'S HTCH-51C1	16.02	5.29	41.45	3.83	15.97	43.59	35.49	21.53	-	-	-	22.55	-	11.64	
27 P R O - 372	40.40	-	37.65	11.70	-	24.85	-	11.39	115.82	-	-	26.10	18.54	8.71	
28 P R O - 373	13.18	38.50	9.04	36.19	-	14.86	10.30	18.54	10.62	7.55	-	3.37	-	5.86	
29 C.P. 808	11.20	-	40.22	22.63	-	28.96	8.19	13.38	36.68	5.36	-	41.47	11.24	16.90	
30 C.P. 818	23.35	-	48.42	26.53	-	10.26	13.18	14.30	133.06	-	-	33.62	28.66	8.39	
31 M 01 - 062	23.39	31.25	31.17	-	-	14.12	6.50	9.51	-	3.90	-	0.06	-	2.10	
32 M 01 - 825	19.44	-	16.36	26.46	4.66	22.14	-	11.65	109.55	-	-	44.78	28.76	4.37	
33 G K - 3018	9.63	-	17.74	2.49	5.08	21.15	-	3.18	-	0.75	3.79	17.35	5.39	2.04	
34 G K - 3055	25.85	-	-	-	18.94	-	4.35	0.04	71.10	0.44	-	11.27	9.08	-	
35 G K - 3056	12.03	-	12.10	-	-	-	-	-	32.69	-	-	15.35	5.80	-	
36 MDMH - 101	25.08	17.89	61.00	22.99	10.32	50.62	1.93	28.19	98.06	13.13	-	45.46	28.20	23.34	
37 C.P. 848	27.49	22.79	32.18	21.65	-	17.53	26.96	19.20	53.44	-	-	35.73	15.79	14.05	
38 X - 610	10.19	24.44	-	-	14.83	-	13.86	1.87	161.96	13.56	-	-	6.08	0.11	
39 X - 640	29.93	28.92	4.30	-	-	10.58	11.41	5.96	27.22	-	-	13.84	1.79	2.55	
40 M C H - 36	39.54	0.60	22.58	17.73	10.41	40.40	-	20.13	-	25.02	-	21.72	1.32	9.04	
CHECKS:															
41 SEEDTEC - 2324	20.25	-	40.08	-	19.25	2.86	26.72	8.73	54.22	7.74	-	31.47	18.70	5.45	
42 BIO - 9681	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
43 PRO - 311	36.06	52.95	19.19	-	-	7.50	-	8.17	11.02	-	-	34.60	9.58	3.51	
44 PARBHAT	24.49	-	-	-	-	-	-	-	32.34	-	-	-	-	-	

TABLE NO 1 (CONT.)

S1 No PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE PRO - 311														ZN 2		ZN 3	
	BAJA	BARA	MEGH	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	KANP	MEAN	BELI	VARA	JASH	MEAN	MEAN	MEAN	
1 J H - 11137	-	-	-	-	289.25	38.08	22.10	7.26	-	4.22	27.20	17.44	-	12.00	-	-	-	
2 J H - 11180	3.95	-	-	0.27	130.78	54.55	7.77	5.16	16.42	-	24.44	41.31	3.99	-	-	4.59	-	
3 J H - 11422	6.91	-	-	3.27	135.39	34.23	4.46	11.39	-	18.70	17.26	20.30	-	4.19	-	2.08	-	
4 J H - 11433	-	-	-	-	149.70	61.80	25.49	18.52	-	4.42	24.77	19.15	-	36.73	-	12.09	-	
5 J H - 11449	8.83	-	-	4.13	116.89	43.10	19.84	27.41	-	6.23	20.61	30.97	-	39.54	-	14.81	-	
6 J H - 11693	-	-	-	-	176.50	29.14	19.36	5.62	-	-	16.40	20.44	-	18.85	-	2.97	-	
7 B H - 40707	-	-	-	-	112.56	-	29.77	11.64	-	6.21	-	33.00	-	-	-	-	-	
8 B H - 40708	-	-	-	-	128.67	-	11.78	20.47	-	6.06	2.57	15.61	-	12.54	-	1.29	-	
9 B H - 40709	-	-	-	-	11.25	-	7.79	2.21	-	8.97	-	11.77	-	43.82	-	11.12	-	
10 B H - 40710	-	-	-	-	66.22	-	19.41	23.66	-	3.71	-	-	-	-	-	-	-	
11 B H - 40711	-	-	-	-	82.43	-	14.04	7.87	-	14.21	1.90	12.27	-	11.28	-	-	-	
12 B H - 40712	-	1.11	-	-	90.30	-	16.48	13.81	-	3.43	-	14.83	-	-	-	-	-	
13 B H - 40713	6.97	-	-	3.67	118.87	5.60	24.08	15.70	-	-	12.42	23.21	1.67	15.81	9.46	-	-	
14 B H - 40714	-	-	-	-	100.27	28.06	-	-	-	11.13	6.40	22.03	13.93	0.30	11.19	-	-	
15 V E H - 3017	-	-	-	-	42.28	-	17.87	21.13	-	-	-	-	-	-	-	-	-	
16 A H - 511	-	-	-	-	90.00	-	13.97	22.67	-	-	-	-	-	-	-	-	-	
17 C - 555	3.17	-	-	1.57	-	-	1.98	19.60	-	-	-	13.94	-	-	-	-	-	
18 KAVERI-2288 SUPER	-	0.52	-	-	-	-	21.68	17.43	-	19.45	0.37	22.11	17.67	-	12.03	-	-	
19 KAVERI - 50	20.41	-	-	13.37	128.63	-	21.13	15.02	-	17.68	10.99	18.28	7.67	0.40	7.25	-	-	
20 M M - 8255	2.14	-	-	-	149.45	9.20	8.34	-	1.09	-	10.55	24.23	-	9.05	4.41	-	-	
21 X 6B 269	18.61	0.40	-	13.95	67.55	6.84	22.50	2.55	-	-	7.76	41.63	10.06	5.34	13.86	-	-	
22 X 6B 271	8.74	-	-	6.01	146.80	-	41.32	19.32	-	10.35	16.52	67.26	-	-	2.83	-	-	
23 SINDHU - 333	-	-	-	-	97.64	4.39	17.20	23.33	15.35	5.06	16.68	8.29	7.43	-	3.89	-	-	

TABLE NO 1 (CONT.)

S1 No PEDIGREE	GRAIN YIELD % SUPERIORITY OVER THE PRO - 311													
	BAJA	MEGH	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	KANP	ZN 2 MEAN	GORA BELI	VARA	JASH	ZN 3 MEAN
24 AMAR - 555	13.49	4.65	11.23	71.46	-	23.57	20.24	-	8.23	1.65	25.11	-	-	-
25 O M - 7676	-	-	-	107.66	5.64	26.23	14.29	35.41	10.00	24.38	-	-	7.57	-
26 HYTECH'S HTCH-5101	4.26	-	2.99	80.71	1.05	29.01	4.33	-	3.36	10.50	19.69	7.61	20.20	13.38
27 P R O - 372	11.40	-	5.89	101.95	-	9.36	22.67	-	3.20	7.06	10.64	3.73	-	2.25
28 P R O - 373	-	-	-	103.14	5.05	2.45	4.21	-	0.40	5.32	3.58	-	3.53	-
29 C.P. 808	-	-	-	213.66	54.24	34.75	8.45	7.94	-	31.32	24.31	28.55	14.34	23.59
30 C.P. 818	9.84	-	6.24	32.98	-	2.94	6.01	-	-	-	19.97	-	12.95	7.18
31 M 01 - 062	-	-	-	119.83	-	21.55	4.45	-	2.44	2.99	13.65	-	37.52	5.73
32 M 01 - 825	-	-	-	31.07	1.10	-	10.13	-	-	-	11.01	-	-	-
33 G K - 3018	12.93	-	7.88	15.77	-	7.02	16.86	4.94	-	0.06	-	12.79	-	3.12
34 G K - 3055	-	-	-	90.84	-	24.32	11.80	-	4.81	1.97	8.77	7.08	-	2.83
35 G K - 3056	-	-	-	109.09	-	6.36	7.32	-	18.90	0.15	26.71	-	8.97	-
36 MDMH - 101	6.40	-	2.99	167.07	45.15	18.07	23.60	-	14.74	25.92	29.71	13.03	23.04	18.78
37 C.P. 848	20.28	-	7.61	89.30	22.09	41.66	13.86	-	6.28	15.89	4.56	6.20	-	3.87
38 X - 610	-	-	-	102.78	-	20.08	14.57	-	6.30	5.48	0.32	-	-	-
39 X - 640	-	1.09	-	73.85	-	7.56	1.34	-	12.27	2.53	27.01	0.38	3.61	5.75
40 M C H - 36	1.36	-	-	47.83	-	6.07	18.71	-	8.77	4.68	23.25	4.43	8.88	8.87
CHECKS:														
41 SEEDTEC - 2324	-	-	-	36.06	2.10	11.48	7.00	-	4.44	2.39	19.30	-	6.47	2.59
42 BIO - 9681	5.89	-	3.57	49.25	-	47.77	22.62	-	6.06	1.03	30.90	-	5.10	3.01
43 PRO - 311	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44 PARBHAT	-	-	-	86.76	-	7.40	21.03	-	-	-	-	-	-	-

TABLE NO 1 (CONT.)

SI	GRAIN YIELD & SUPERIORITY OVER THE PRO - 311															
	NO PEDIGREE	HYDE	KARI	ARBH	BAYE	BANG	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L MEAN
1	J H - 11137	-	-	-	-	-	28.82	-	17.36	-	-	18.01	5.88	-	-	1.98
2	J H - 11180	13.41	10.20	-	15.65	1.88	18.18	83.66	15.52	85.22	4.73	59.92	-	-	18.47	16.07
3	J H - 11422	-	-	27.00	20.93	8.83	-	84.40	8.83	-	44.40	10.09	-	-	1.05	8.79
4	J H - 11433	-	-	18.48	25.27	5.21	3.19	50.59	2.77	134.03	2.71	11.22	-	-	11.26	10.85
5	J H - 11449	-	-	15.98	30.78	-	-	53.45	3.20	105.25	8.68	18.83	-	-	4.81	9.54
6	J H - 11693	-	-	22.14	5.43	-	6.45	54.17	2.70	12.61	30.47	52.57	-	-	9.94	6.70
7	B H - 40707	-	-	6.71	-	-	-	34.42	-	30.23	6.74	-	-	-	-	-
8	B H - 40708	-	-	-	-	-	-	42.32	-	8.88	7.58	-	-	-	-	-
9	B H - 40709	-	-	15.87	-	-	0.78	64.02	-	-	26.84	20.59	-	-	1.62	-
10	B H - 40710	-	-	-	-	-	-	1.28	-	19.27	-	-	-	-	-	-
11	B H - 40711	-	-	-	6.75	-	-	-	-	33.56	25.53	-	-	-	-	-
12	B H - 40712	-	-	-	-	-	-	47.54	-	9.21	15.35	-	-	-	-	-
13	B H - 40713	-	-	8.43	-	7.81	13.42	26.94	-	3.71	18.92	27.90	-	-	-	4.04
14	B H - 40714	-	-	3.19	0.95	48.64	-	51.13	1.95	156.31	21.02	29.36	-	-	21.23	3.49
15	V E H - 3017	-	-	-	-	-	-	24.27	-	8.80	17.94	2.24	-	-	-	-
16	A H - 511	-	-	-	-	-	-	34.62	-	8.47	22.10	-	-	-	-	-
17	C - 555	-	-	9.65	13.72	-	8.30	49.71	4.05	-	20.38	-	-	-	-	-
18	KAVERI-2288 SUPER	-	-	16.01	-	-	34.64	50.69	-	-	17.42	-	-	-	-	-
19	KAVERI - 50	-	-	-	-	-	19.74	74.29	-	-	15.54	89.37	-	-	-	-
20	M M - 8255	-	-	18.44	23.92	-	15.71	-	0.11	70.25	40.13	-	-	-	14.03	5.38
21	X 6B 269	-	-	14.54	43.29	43.53	14.78	42.42	11.97	125.33	5.17	37.75	-	-	28.58	13.70
22	X 6B 271	-	-	1.57	-	-	-	30.11	-	45.23	25.38	16.58	-	-	-	1.59
23	SINDHU - 333	-	-	-	-	14.31	24.29	3.78	-	-	27.95	-	-	-	-	-

TABLE NO 1 (CONT.)

Sl NO	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE PRO - 311												ZN 5 MEAN	O.V.L MEAN		
		HYDE	KARI	ARBH	BAYE	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH	CHHI				
24	AMAR - 555	-	-	-	7.01	-	7.47	45.54	-	39.24	22.07	-	-	-	-	-	-
25	O M - 7676	-	-	-	-	30.65	15.87	65.15	-	-	33.41	25.53	-	-	-	-	0.89
26	HYTECH'S HTCH-5101	-	-	18.67	16.77	20.31	33.57	77.69	12.35	-	19.26	-	-	-	-	-	7.85
27	P R O - 372	3.19	-	15.49	25.63	-	16.14	29.62	2.98	94.40	18.12	-	-	-	8.18	-	5.03
28	P R O - 373	-	-	-	53.17	-	6.85	44.65	9.59	-	28.41	-	-	-	-	-	2.28
29	C.P. 808	-	-	17.64	37.92	-	19.96	41.88	4.82	23.11	25.79	-	-	-	5.11	1.51	12.94
30	C.P. 818	-	-	24.52	42.30	-	2.56	48.43	5.67	109.93	13.83	11.50	-	-	-	17.41	4.71
31	M 01 - 062	-	-	10.05	2.13	-	6.16	39.67	1.24	-	24.05	-	-	-	-	-	-
32	M 01 - 825	-	-	-	42.22	8.58	13.62	7.04	3.22	88.75	-	9.52	7.57	17.50	-	-	0.83
33	G K - 3018	-	-	-	15.26	9.01	12.70	7.63	-	-	20.28	32.43	-	-	-	-	-
34	G K - 3055	-	-	-	9.46	23.39	-	36.85	-	54.12	19.92	1.96	-	-	-	-	-
35	G K - 3056	-	-	-	9.56	-	-	-	-	19.51	15.46	3.06	-	-	-	-	-
36	MDMH - 101	-	-	35.07	38.32	14.45	40.11	33.67	18.51	78.40	35.06	-	-	8.07	16.99	19.16	-
37	C.P. 848	-	-	10.90	36.81	-	9.33	66.50	10.20	38.20	16.56	-	-	0.84	5.67	10.18	-
38	X - 610	-	-	-	2.84	19.13	-	49.32	-	135.95	35.58	-	-	-	-	-	-
39	X - 640	-	-	-	-	2.66	2.87	46.11	-	14.59	4.26	-	-	-	-	-	-
40	M C H - 36	2.56	-	2.84	32.40	14.55	30.60	29.36	11.06	-	49.27	9.31	-	-	-	-	5.34
CHECKS:																	
41	SEEDTEC - 2324	-	-	17.53	8.22	23.71	-	66.18	0.52	38.91	28.64	8.23	-	-	8.33	1.88	-
42	BIO - 9681	-	-	-	12.47	3.75	-	31.14	-	-	19.39	27.60	-	-	-	-	-
43	PRO - 311	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	PARBHAT	-	-	-	-	-	-	27.17	-	19.20	-	-	-	-	-	-	-

TABLE NO 1 (CONT.)

S1 NO PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE PARBHAT											ZN 2		ZN 3	
	BAJA	MEGH BARA	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	KANP	MEAN	BELI	VARA	JASH	MEAN	
1 J H - 11137	44.32	9.77	33.57	108.43	167.82	13.69	-	39.18	6.25	42.55	27.71	3.49	30.96	16.85	
2 J H - 11180	57.06	2.88	40.19	23.57	199.78	0.34	-	76.33	1.84	39.46	53.67	41.21	0.24	30.49	
3 J H - 11422	61.53	6.44	44.39	26.04	160.35	-	-	35.82	21.01	31.41	30.82	29.37	21.82	27.24	
4 J H - 11433	50.49	14.33	39.24	33.71	213.84	16.85	-	28.95	6.45	39.83	29.57	30.53	59.87	39.71	
5 J H - 11449	64.44	3.89	45.59	16.14	177.56	11.58	5.27	37.14	8.30	35.16	42.42	30.34	63.16	43.10	
6 J H - 11693	38.07	3.73	27.38	48.05	150.48	11.14	-	44.86	-	30.44	30.98	20.43	38.96	28.35	
7 B H - 40707	49.91	-	32.61	13.81	-	20.83	-	16.53	8.28	9.84	44.64	-	-	-	
8 B H - 40708	15.53	-	10.28	22.44	48.50	4.08	-	21.62	8.12	14.95	25.73	23.01	31.58	26.26	
9 B H - 40709	49.79	10.16	37.46	-	28.69	0.36	-	34.50	11.09	5.67	21.54	25.79	68.16	38.51	
10 B H - 40710	1.22	10.10	3.98	-	41.58	11.18	2.18	0.45	5.73	7.99	8.34	-	-	-	
11 B H - 40711	31.03	10.68	24.70	-	47.94	6.18	-	28.26	16.43	14.20	22.09	14.21	30.11	20.78	
12 B H - 40712	40.19	16.15	32.71	1.90	29.49	8.46	-	5.21	5.44	7.07	24.87	30.38	-	17.91	
13 B H - 40713	61.62	8.03	44.94	17.19	104.82	15.53	-	44.88	0.13	25.98	33.99	38.06	35.41	36.44	
14 B H - 40714	31.30	12.62	25.48	7.24	148.40	-	-	12.84	-	13.62	30.29	28.90	11.21	23.52	
15 V E H - 3017	38.24	5.84	28.16	-	83.82	9.75	0.08	36.27	13.29	19.25	32.71	54.71	17.28	38.59	
16 A H - 511	-	-	-	1.74	30.50	6.11	1.36	8.22	-	4.44	3.96	-	-	-	
17 C - 555	55.88	11.35	42.02	-	36.94	-	-	47.86	0.10	5.82	23.91	32.89	-	13.91	
18 KAVERI-2288 SUPER	40.01	15.47	32.38	-	62.27	13.30	-	18.17	21.77	12.49	32.79	59.79	12.70	39.64	
19 KAVERI - 50	81.92	6.68	58.51	22.42	89.42	12.78	-	24.79	19.97	24.39	28.62	46.22	17.39	33.68	
20 M M - 8255	54.32	-	36.72	33.57	111.80	0.88	-	53.11	-	23.89	35.10	29.94	27.51	30.14	
21 X 6B 269	79.20	15.33	59.32	-	107.24	14.06	-	44.75	-	20.76	54.02	49.46	23.17	41.93	
22 X 6B 271	64.29	12.64	48.22	32.15	86.76	31.58	-	35.48	12.50	30.58	81.89	30.77	-	28.18	
23 SINDHU - 333	48.92	-	30.79	5.83	102.47	9.12	1.91	74.71	7.10	30.76	17.76	45.89	11.22	29.49	

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD & SUPERIORITY OVER THE PARBHAT											ZN 4		ZN 5				
		HYDE	KARI	ARBH	BAYE	MAND	COIM	KOLH	MEAN	UDAI	BANS	GODH	CHHI	MEAN	OV'L MEAN				
1	J H - 11137	-	46.62	15.36	-	54.80	26.80	-	-	-	-	-	13.27	-	29.86	23.98	43.03	12.36	23.51
2	J H - 11180	23.95	68.81	18.15	43.19	22.43	50.30	44.41	38.83	55.38	15.24	87.25	52.42	55.59	40.57	-	-	-	-
3	J H - 11422	-	26.29	51.55	49.72	30.78	20.01	44.99	30.79	-	58.89	28.90	53.96	32.71	31.76	-	-	-	-
4	J H - 11433	-	14.89	41.38	55.09	26.44	31.24	18.41	23.50	96.34	13.01	30.23	40.68	46.12	34.25	-	-	-	-
5	J H - 11449	-	9.75	38.40	61.92	18.82	19.78	20.66	24.03	72.19	19.59	39.14	26.83	37.65	32.67	-	-	-	-
6	J H - 11693	-	16.08	45.74	30.53	16.31	35.38	21.23	23.42	-	43.56	78.64	50.79	44.39	29.22	-	-	-	-
7	B H - 40707	-	-	27.33	-	-	21.42	5.70	-	9.26	17.45	16.39	-	-	3.46	-	-	-	-
8	B H - 40708	-	23.21	9.22	8.58	15.83	23.13	11.91	11.15	-	18.38	-	36.83	13.88	14.20	-	-	-	-
9	B H - 40709	0.58	-	38.27	9.59	-	28.17	28.98	13.28	-	39.57	41.20	52.33	33.46	18.12	-	-	-	-
10	B H - 40710	-	-	2.48	-	-	-	-	-	0.06	-	-	1.01	-	-	-	-	-	-
11	B H - 40711	-	-	14.89	32.16	-	17.83	-	1.25	12.05	38.13	-	29.68	20.30	11.36	-	-	-	-
12	B H - 40712	-	16.09	9.71	-	3.05	2.28	16.02	1.43	-	26.93	-	1.52	-	6.54	-	-	-	-
13	B H - 40713	-	17.89	29.39	14.30	29.56	44.24	-	19.08	-	30.86	49.76	36.70	28.69	26.00	-	-	-	-
14	B H - 40714	-	13.22	23.13	24.99	78.63	12.37	18.84	22.52	115.03	33.16	51.46	45.56	59.22	25.34	-	-	-	-
15	V E H - 3017	-	-	8.62	14.57	-	11.43	-	-	-	29.78	19.71	6.86	9.39	12.67	-	-	-	-
16	A H - 511	-	-	-	-	-	-	5.85	-	-	34.36	-	-	-	-	-	-	-	-
17	C - 555	2.46	30.46	30.84	40.79	7.15	37.73	17.72	25.04	-	32.47	-	19.75	-	14.66	-	-	-	-
18	KAVERI-2288 SUPER	-	-	38.44	-	20.03	71.23	18.49	14.60	-	29.20	7.30	35.42	11.53	17.37	-	-	-	-
19	KAVERI - 50	-	-	0.05	-	-	52.29	37.05	3.93	-	27.13	121.73	27.99	28.15	20.11	-	-	-	-
20	M M - 8255	-	21.65	41.33	53.42	18.92	47.16	-	20.31	42.82	54.20	13.12	68.51	49.77	27.62	-	-	-	-
21	X 6B 269	-	4.03	36.68	77.40	72.48	45.98	11.99	34.56	89.04	15.72	61.30	78.49	68.88	37.70	-	-	-	-
22	X 6B 271	8.91	-	21.20	9.24	17.48	26.54	2.31	9.26	21.84	37.97	36.50	28.40	30.02	23.04	-	-	-	-
23	SINDHU - 333	7.52	7.12	13.45	-	37.37	58.07	-	12.63	-	40.80	8.79	0.65	-	18.03	-	-	-	-

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	DAYS TO 50% POLLEN SHED										ZN 3 MEAN		
		BAJA	BARA	MEGH	ZN 1 MEAN	DELH	DMRD	LUDH	KARN	PANC	KANP		ZN 2 MEAN	GORA BELI
1	J H - 11137	64.0	63.0	63.5	57.7	55.0	51.7	45.0	50.0	51.9	59.7	52.3	57.7	56.6
2	J H - 11180	64.0	60.7	62.3	58.0	56.0	52.3	48.0	50.7	53.0	62.3	52.3	57.7	57.4
3	J H - 11422	65.0	61.3	63.2	57.0	54.7	52.3	47.7	52.0	52.7	61.3	49.7	56.0	55.7
4	J H - 11433	66.7	61.7	64.2	57.3	54.7	52.0	47.0	50.0	52.2	62.0	51.7	58.0	57.2
5	J H - 11449	64.7	62.0	63.3	57.7	54.3	52.3	44.0	50.0	51.7	62.3	53.0	58.0	57.8
6	J H - 11693	66.0	60.7	63.3	57.0	54.7	51.7	46.7	53.3	52.7	61.7	53.0	57.3	57.3
7	B H - 40707	59.0	61.7	60.3	57.7	53.7	53.3	47.7	53.0	53.1	59.7	50.0	54.0	54.6
8	B H - 40708	65.0	62.0	63.5	57.7	56.0	52.3	48.0	52.0	53.2	62.7	50.7	57.0	56.8
9	B H - 40709	63.3	64.0	63.7	59.0	55.0	52.7	46.0	49.0	52.3	60.3	52.7	53.7	55.6
10	B H - 40710	62.3	62.3	62.3	58.0	53.3	51.0	49.0	47.0	51.7	60.3	49.3	54.7	54.8
11	B H - 40711	63.3	63.3	63.3	57.3	54.7	52.3	46.0	54.0	52.9	60.7	55.0	54.7	56.8
12	B H - 40712	64.0	61.3	62.7	59.0	53.3	51.3	47.3	47.7	51.7	61.3	52.3	56.0	56.6
13	B H - 40713	65.0	61.0	63.0	58.0	52.7	51.3	46.3	47.0	51.1	62.7	51.0	54.7	56.1
14	B H - 40714	60.3	61.3	60.8	56.7	52.0	50.3	45.7	51.0	51.1	60.3	51.0	55.0	55.4
15	V E H - 3017	61.3	61.7	61.5	56.7	50.7	52.7	45.3	48.0	50.7	62.3	51.7	54.7	56.2
16	A H - 511	61.0	60.0	60.5	51.3	46.3	53.3	41.0	47.3	47.9	56.0	47.0	55.0	52.7
17	C - 555	64.0	59.3	61.7	60.3	54.7	52.7	48.3	49.0	53.0	59.3	49.3	55.0	54.6
18	KAVERI-2288 SUPER	66.7	62.0	64.3	58.0	56.7	51.7	48.7	48.0	52.6	58.0	50.3	56.7	55.0
19	KAVERI - 50	61.3	61.3	61.3	55.0	53.7	52.3	46.0	53.0	52.0	61.7	53.3	56.3	57.1
20	M M - 8255	67.3	61.3	64.3	56.0	54.7	51.7	46.3	49.0	51.5	60.3	52.0	55.7	56.0
21	X 6B 269	64.0	61.3	62.7	59.3	57.0	53.0	47.0	51.0	53.5	62.0	52.3	56.3	56.9
22	X 6B 271	60.0	63.7	61.8	56.0	55.3	52.0	46.3	49.0	51.7	61.7	50.3	52.3	54.8
23	SINDHU - 333	62.0	62.7	62.3	56.0	52.0	52.0	46.7	48.3	51.0	60.7	50.0	55.3	55.3
24	AMAR - 555	65.0	60.3	62.7	57.7	54.0	52.3	47.3	51.0	52.5	58.0	49.0	53.7	53.6
25	O M - 7676	65.3	61.7	63.5	56.7	52.0	50.7	46.3	52.7	51.7	61.7	49.7	55.7	55.7

TABLE NO 1 (CONT.)

SI No	PEDIGREE	DAYS TO 50% POLLEN SHED										ZN 2		ZN 3	
		BAJA	BARA	MEAN	DELH	DMRD	LUDH	KARN	PANC	KANP	MEAN	BELI	VARA	JASH	MEAN
26	HYTECH'S HTCH-5101	65.0	63.0	64.0	57.0	56.0	52.7	47.3	48.0	52.2	62.3	53.0	57.0	57.4	
27	P R O - 372	63.3	63.0	63.2	57.3	52.3	53.0	46.3	48.0	51.4	60.7	50.3	53.7	54.9	
28	P R O - 373	64.3	63.3	63.8	58.0	52.3	52.3	46.3	49.0	51.6	60.0	50.3	55.3	55.2	
29	C.P. 808	62.0	63.0	62.5	58.3	53.7	52.7	45.7	47.0	51.5	60.3	50.7	56.7	55.9	
30	C.P. 818	66.0	61.0	63.5	56.7	53.7	51.7	46.3	52.0	52.1	59.7	55.3	54.7	56.6	
31	M 01 - 062	66.7	63.0	64.8	58.7	56.7	52.0	46.7	48.0	52.4	59.7	50.0	57.3	55.7	
32	M 01 - 825	65.7	62.0	63.8	58.7	57.3	50.7	46.7	49.0	52.5	63.3	53.7	56.7	57.9	
33	G K - 3018	65.7	62.3	64.0	57.3	54.0	53.3	47.0	49.0	52.1	60.7	49.3	53.7	54.6	
34	G K - 3055	63.0	64.0	63.5	57.0	52.3	51.7	47.3	48.0	51.3	60.0	49.7	53.7	54.4	
35	G K - 3056	61.7	63.0	62.3	56.3	53.7	52.0	47.0	48.0	51.4	60.0	50.0	53.7	54.6	
36	MDMH - 101	67.3	63.0	65.2	57.0	53.0	52.0	46.3	48.0	51.3	59.0	51.7	55.0	55.2	
37	C.P. 848	65.7	63.0	64.3	57.7	53.0	52.0	44.7	48.0	51.1	59.0	50.7	56.7	55.4	
38	X - 610	61.0	61.7	61.3	56.0	50.3	50.0	44.0	52.0	50.5	56.0	47.3	53.3	52.2	
39	X - 640	64.0	61.7	62.8	57.0	55.0	52.0	46.7	49.0	51.9	59.0	50.3	53.7	54.3	
40	M C H - 36	64.0	63.0	63.5	58.0	52.3	52.3	48.0	47.0	51.5	61.3	50.7	55.0	55.7	
CHECKS:															
41	SEEDTEC - 2324	61.7	61.3	61.5	58.7	54.3	53.0	47.0	48.3	52.3	58.7	50.0	54.0	54.2	
42	BIO - 9681	60.0	63.7	61.8	54.3	52.3	51.7	49.0	49.0	51.3	60.0	49.3	53.3	54.2	
43	PRO - 311	63.3	62.0	62.7	57.7	54.3	49.7	46.3	47.0	51.0	61.0	51.3	55.3	55.9	
44	PARBHAT	65.7	61.7	63.7	55.7	53.3	52.7	44.7	51.0	51.5	61.0	50.7	55.7	55.8	
MEAN LOCATION															
	C.D. AT 5% =	1.3	1.7	1.5	2.6	2.8	2.6	3.2	0.4	2.3	1.4	1.4	2.1	1.6	
	C.V. % =	1.3	1.7	-	2.8	3.2	3.0	4.2	0.6	-	1.4	1.6	2.4	-	
	F (Prob)	.000	.000	-	.000	.000	.705	.030	.000	-	.000	.000	.000	-	

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	DAYS TO 50% POLLEN SHED										ZN 5 MEAN	OV'L MEAN		
		HYDE	KARI	ARBH	BAYE	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS			GODH	CHHI
1	J H - 11137	64.7	52.7	59.0	60.0	55.7	55.3	60.0	58.2	60.0	55.7	52.7	58.0	56.6	56.7
2	J H - 11180	66.0	51.0	60.7	63.0	58.7	57.0	61.0	59.6	62.7	55.0	51.3	59.3	57.1	57.5
3	J H - 11422	63.7	49.7	55.7	58.3	53.3	51.3	58.0	55.7	57.3	57.0	49.7	57.3	55.3	55.6
4	J H - 11433	65.7	53.0	60.3	61.3	58.0	58.0	60.3	59.5	61.0	57.7	57.7	60.7	59.3	57.8
5	J H - 11449	64.3	51.7	58.7	61.0	58.3	56.0	60.7	58.7	60.0	58.0	57.3	58.0	58.3	57.3
6	J H - 11693	64.7	50.7	61.0	62.3	57.7	56.3	60.0	59.0	62.3	56.3	51.3	59.3	57.3	57.3
7	B H - 40707	63.3	51.7	58.7	60.7	55.7	55.0	60.3	57.9	56.3	57.0	52.3	57.0	55.7	56.1
8	B H - 40708	65.0	52.0	60.3	63.3	58.3	58.7	60.3	59.7	61.3	55.0	52.3	59.7	57.1	57.6
9	B H - 40709	63.3	51.3	60.0	62.0	57.0	58.0	60.3	58.9	60.0	57.3	51.7	60.7	57.4	57.0
10	B H - 40710	64.0	49.7	59.3	60.3	55.3	56.0	58.0	57.5	57.7	55.0	52.3	57.7	55.7	55.8
11	B H - 40711	64.0	52.0	60.0	61.3	58.3	56.7	59.7	58.9	59.0	56.3	51.3	59.3	56.5	57.1
12	B H - 40712	64.3	50.7	61.0	63.7	58.7	57.0	60.3	59.4	60.7	55.7	54.3	62.0	58.2	57.2
13	B H - 40713	65.3	51.7	61.0	61.0	57.3	58.3	60.0	59.2	59.3	55.0	52.3	59.0	56.4	56.7
14	B H - 40714	64.3	51.0	58.3	59.3	52.3	53.7	59.7	57.0	59.7	51.3	51.7	57.3	55.0	55.3
15	V E H - 3017	64.0	50.0	55.7	58.7	54.0	55.7	59.3	56.8	59.0	57.7	52.3	57.3	56.6	55.7
16	A H - 511	63.7	46.0	55.0	58.0	49.7	51.3	57.0	54.4	56.3	52.7	48.7	57.0	53.7	53.0
17	C - 555	62.7	49.3	56.7	61.3	55.3	55.7	59.3	57.2	59.3	57.7	52.7	57.3	56.8	56.2
18	KAVERI-2288 SUPER	64.0	52.0	57.7	61.0	56.0	56.0	60.0	58.1	58.7	55.7	52.3	57.7	56.1	56.6
19	KAVERI - 50	65.3	51.7	60.0	59.7	57.0	55.3	60.0	58.4	59.3	56.0	51.3	58.7	56.3	56.6
20	M M - 8255	63.7	50.3	60.3	62.3	58.3	56.7	60.0	58.8	61.3	54.7	51.7	60.0	56.9	56.8
21	X 6B 269	64.3	50.7	60.3	60.7	54.7	57.0	60.3	58.3	61.7	55.3	51.3	59.3	56.9	57.1
22	X 6B 271	64.0	50.0	56.0	59.0	54.0	56.7	59.3	57.0	59.0	53.7	51.7	56.7	55.3	55.6
23	SINDHU - 333	64.3	49.3	58.0	60.0	56.3	55.3	60.3	57.7	61.0	54.7	52.3	57.7	56.4	56.0
24	AMAR - 555	64.3	49.0	57.3	59.3	54.3	55.3	59.3	57.0	57.3	55.0	52.7	57.0	55.5	55.7
25	O M - 7676	65.0	50.0	59.3	60.3	54.7	55.0	59.7	57.7	58.3	57.3	53.7	58.0	56.8	56.4

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	DAYS TO 50% SILKING										ZN 3 MEAN			
		BAJA	MEGH BARA	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	KANP	ZN 2 MEAN		GORA BELI	VARA	JASH
1	J H - 11137	66.3	66.0	66.2	60.3	56.7	54.3	47.3	60.7	54.0	55.6	62.0	57.3	60.7	60.0
2	J H - 11180	66.3	64.0	65.2	61.0	58.3	55.3	51.7	60.7	55.0	57.0	64.3	55.7	60.0	60.0
3	J H - 11422	67.3	65.0	66.2	60.3	56.3	55.3	51.3	57.0	56.7	56.2	63.3	54.3	58.0	58.6
4	J H - 11433	69.0	65.3	67.2	61.7	57.0	55.0	51.0	62.3	56.0	57.2	64.0	58.3	61.3	61.2
5	J H - 11449	67.0	65.0	66.0	60.7	56.0	55.3	48.0	61.0	55.0	56.0	64.3	57.7	61.0	61.0
6	J H - 11693	68.7	64.0	66.3	60.3	55.7	54.0	50.0	60.0	57.7	56.3	64.0	58.0	59.7	60.6
7	B H - 40707	61.7	65.0	63.3	60.3	55.7	57.0	51.3	57.0	57.7	56.5	61.7	54.3	56.3	57.4
8	B H - 40708	67.7	65.7	66.7	62.3	58.0	54.3	51.7	60.7	57.0	57.3	64.3	56.3	60.0	60.2
9	B H - 40709	65.7	67.7	66.7	62.7	56.7	55.7	49.7	59.0	53.0	56.1	62.7	57.3	56.3	58.8
10	B H - 40710	64.3	65.7	65.0	61.0	55.3	54.0	52.0	59.0	53.0	55.7	62.7	54.3	57.3	58.1
11	B H - 40711	65.3	66.3	65.8	60.3	56.3	55.0	48.3	59.3	58.0	56.2	63.0	60.7	58.7	60.8
12	B H - 40712	66.3	65.0	65.7	61.3	54.3	54.3	51.7	61.0	52.3	55.8	62.3	56.0	58.7	59.0
13	B H - 40713	67.3	64.0	65.7	60.3	54.0	55.3	50.3	59.0	53.0	55.3	65.0	55.0	57.0	59.0
14	B H - 40714	50.7	64.3	57.5	59.7	54.0	53.0	48.7	61.3	55.0	55.3	62.3	56.7	58.3	59.1
15	V E H - 3017	63.7	65.0	64.3	60.0	52.3	55.7	49.0	57.3	55.0	54.9	64.3	55.7	58.0	59.3
16	A H - 511	63.0	63.7	63.3	57.3	48.0	55.7	45.0	58.0	52.7	52.8	58.3	52.0	57.0	55.8
17	C - 555	66.3	62.7	64.5	65.3	57.0	55.3	51.3	60.0	54.0	57.2	61.7	54.7	57.7	58.0
18	KAVERI-2288 SUPER	70.3	65.3	67.8	62.3	58.3	54.3	52.7	60.0	53.0	56.8	60.7	55.3	59.7	58.6
19	KAVERI - 50	63.7	64.7	64.2	59.3	55.0	55.0	49.7	61.0	57.7	56.3	63.7	57.7	59.7	60.3
20	M M - 8255	69.7	64.7	67.2	59.0	56.3	55.0	49.3	60.0	53.0	55.4	63.0	55.0	58.3	58.8
21	X 6B 269	66.3	65.0	65.7	63.3	59.0	55.3	50.0	58.7	56.0	57.1	64.0	57.0	59.3	60.1
22	X 6B 271	62.3	67.3	64.8	58.3	56.7	54.0	50.0	57.7	54.3	55.2	63.7	54.7	55.7	58.0
23	SINDHU - 333	64.3	66.7	65.5	58.7	53.7	54.7	50.7	56.7	54.0	54.7	62.7	54.7	58.0	58.4
24	AMAR - 555	67.0	63.0	65.0	61.7	55.7	55.0	50.0	57.7	55.0	55.8	60.0	54.0	56.7	56.9
25	O M - 7676	67.7	64.3	66.0	59.0	53.0	54.3	51.0	57.7	57.0	55.3	62.0	55.0	58.3	58.4

TABLE NO 1 (CONT.)

S1 NO PEDIGREE	DAYS TO 50% SILKING										ZN 2 MEAN	GORA BELI	VARA	JASH	ZN 3 MEAN
	MEGH	ZN 1	DELH	BAJA	BARA	MEAN	DMRD	LU DH	KARN	PANC					
26 HYTECH'S HTCH-5101	67.7	66.0	66.8	63.7	58.0	55.7	51.0	61.7	53.0	57.2	64.3	58.0	60.3	60.9	
27 P R O - 372	65.7	66.0	65.8	61.0	54.3	56.0	49.3	60.0	53.0	55.6	62.7	55.7	56.7	58.3	
28 P R O - 373	67.0	66.3	66.7	61.3	54.3	55.0	49.3	57.7	53.0	55.1	62.3	54.3	58.0	58.2	
29 C.P. 808	64.3	66.0	65.2	60.3	55.3	56.7	48.3	59.0	52.0	55.3	69.0	54.0	59.3	60.8	
30 C.P. 818	68.3	64.7	66.5	59.3	55.7	54.3	50.0	62.7	56.3	56.4	62.0	58.3	57.7	59.3	
31 M 01 - 062	70.0	66.3	68.2	61.7	59.0	55.3	49.7	60.0	52.0	56.3	61.7	55.3	59.7	58.9	
32 M 01 - 825	68.7	65.0	66.8	64.3	60.3	52.7	49.3	65.0	53.3	57.5	65.3	60.3	60.0	61.9	
33 G K - 3018	68.7	65.7	67.2	62.7	56.0	56.0	50.0	57.7	53.0	55.9	62.7	53.0	57.0	57.6	
34 G K - 3055	65.7	67.0	66.3	60.0	53.0	55.0	51.7	57.7	53.0	55.1	62.3	53.3	56.3	57.3	
35 G K - 3056	64.3	66.0	65.2	59.3	55.3	55.0	50.7	59.7	52.7	55.4	62.3	54.0	56.3	57.6	
36 MDMH - 101	70.3	67.0	68.7	60.3	54.7	54.3	50.3	61.3	53.0	55.7	61.7	55.3	58.0	58.3	
37 C.P. 848	68.3	66.0	67.2	59.7	54.7	54.0	49.3	62.3	54.0	55.7	61.0	54.3	59.0	58.1	
38 X - 610	63.3	64.7	64.0	59.0	51.3	54.0	48.0	59.3	57.0	54.8	60.7	51.7	56.3	56.2	
39 X - 640	66.3	64.7	65.5	60.7	57.0	54.3	50.3	61.3	54.0	56.3	61.3	54.7	56.3	57.4	
40 M C H - 36	66.7	66.3	66.5	61.3	53.0	55.0	51.3	58.3	52.0	55.2	63.3	54.7	58.3	58.8	
CHECKS:															
41 SEEDTEC - 2324	64.3	64.3	64.3	62.3	56.3	56.3	49.7	59.3	54.0	56.3	61.0	55.0	56.7	57.6	
42 BIO - 9681	63.0	66.7	64.8	60.0	54.3	55.0	49.3	56.0	53.0	54.6	62.0	52.3	56.7	57.0	
43 PRO - 311	66.0	65.3	65.7	60.7	56.0	52.3	49.3	57.7	52.0	54.7	63.3	56.0	57.7	59.0	
44 PARBHAT	68.0	65.0	66.5	61.0	56.0	55.3	47.3	61.7	56.7	56.3	63.3	57.7	59.0	60.0	
MEAN LOCATION															
C.D. AT 5%	5.2	1.9	3.6	2.7	3.2	2.4	3.7	4.0	0.5	2.8	3.8	1.5	1.9	2.4	
C.V. %	4.9	1.8	-	2.8	3.5	2.7	4.6	4.1	0.6	-	3.7	1.7	2.0	-	
F (Prob)	.000	.000	-	.000	.000	.273	.209	.011	.000	-	.035	.000	.000	-	

K

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	DAYS TO 50% SILKING										ZN 5 MEAN	OV'L MEAN		
		HYDE	KARI	ARBH	BAYE	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS			GODH	CHHI
1	J H - 11137	67.3	55.0	60.3	61.7	57.3	59.3	61.0	60.3	63.3	58.7	55.7	58.7	59.1	59.3
2	J H - 11180	68.3	52.0	61.0	63.3	60.3	59.7	62.0	61.0	64.7	57.7	58.3	61.0	60.4	60.0
3	J H - 11422	67.7	52.0	56.0	59.7	54.3	55.0	59.0	57.7	59.3	59.7	54.7	57.3	57.8	58.2
4	J H - 11433	69.0	55.0	63.3	62.3	59.7	61.0	61.3	61.7	64.0	60.7	64.7	61.7	62.8	61.1
5	J H - 11449	67.3	53.7	59.3	62.0	60.3	59.3	61.7	60.5	63.0	61.3	62.3	58.0	61.2	60.0
6	J H - 11693	67.0	52.7	62.3	63.3	59.3	59.7	61.0	60.8	65.7	59.0	54.3	61.3	60.1	59.9
7	B H - 40707	66.0	53.7	59.7	61.3	58.0	58.3	61.3	59.8	59.0	59.7	55.7	57.7	58.0	58.6
8	B H - 40708	67.7	54.7	62.0	64.3	59.7	61.7	61.3	61.6	64.0	58.3	60.3	61.3	61.0	60.6
9	B H - 40709	66.0	53.0	60.7	63.0	59.0	61.0	61.3	60.6	62.0	59.7	54.7	60.7	59.3	59.4
10	B H - 40710	66.7	52.0	60.3	61.3	57.3	59.3	59.0	59.4	60.3	58.0	58.3	59.0	58.9	58.7
11	B H - 40711	67.0	53.7	61.3	62.3	59.7	60.0	61.0	60.7	61.7	59.3	57.3	60.7	59.8	59.8
12	B H - 40712	67.7	52.3	61.7	64.7	60.3	60.0	61.3	61.1	62.0	58.7	60.3	62.0	60.8	59.7
13	B H - 40713	68.0	53.3	61.0	62.0	59.7	61.3	61.0	60.9	61.7	58.0	54.3	59.7	58.4	59.1
14	B H - 40714	67.3	53.3	60.3	61.0	57.0	57.3	60.7	59.6	61.3	54.0	54.7	58.3	57.1	57.7
15	V E H - 3017	66.7	52.0	57.0	60.0	55.0	59.3	60.7	58.7	61.7	60.3	58.3	58.0	59.6	58.4
16	A H - 511	66.3	48.0	55.0	59.0	52.0	55.0	57.3	56.1	59.3	55.7	57.3	57.0	57.3	56.0
17	C - 555	65.0	52.0	58.3	62.0	57.7	59.3	60.3	59.2	61.0	60.7	60.7	58.3	60.2	59.2
18	KAVERI-2288 SUPER	66.3	54.3	59.7	62.3	58.0	59.3	61.0	60.1	63.7	59.0	53.3	59.3	59.5	59.6
19	KAVERI - 50	67.7	53.0	61.0	60.7	59.0	58.7	61.0	60.1	63.7	59.0	53.3	58.7	58.7	59.2
20	M M - 8255	66.7	51.7	61.7	63.3	59.7	60.0	61.0	60.6	63.3	57.7	60.7	61.0	60.7	59.5
21	X 6B 269	67.3	52.7	61.7	61.7	57.0	60.0	61.7	60.3	64.7	58.3	58.0	60.3	60.3	59.9
22	X 6B 271	66.3	51.0	57.0	60.3	55.7	59.3	60.3	58.6	60.0	56.7	58.3	56.7	57.9	58.0
23	SINDHU - 333	67.0	50.3	59.3	61.0	58.0	58.7	61.3	59.4	64.0	57.7	60.7	58.0	60.1	58.7
24	AMAR - 555	66.7	50.3	59.0	60.3	56.7	59.0	60.3	58.9	61.0	57.3	55.7	57.3	57.8	58.2
25	O M - 7676	67.3	51.7	60.3	61.3	56.3	59.0	60.7	59.5	61.3	60.0	61.7	58.0	60.3	59.0

TABLE NO 1 (CONT.)

S1 No PEDIGREE	DAYS TO 50% SILKING										ZN 4		ZN 5		OV'L MEAN
	HYDE	KARI	ARBH	BAYE	MAND	COIM	KOLH	MEAN	UDAI	BANS	GODH	CHHI	MEAN	MEAN	
	BANG														
26 HYTECH'S HTCH-5101	66.0	54.0	61.3	64.0	60.0	62.3	62.0	61.4	64.0	58.3	62.7	62.0	61.8	60.7	
27 P R O - 372	66.7	55.3	58.7	60.7	56.7	57.7	60.3	59.4	60.0	59.0	61.7	57.7	59.6	58.8	
28 P R O - 373	65.7	53.0	59.3	61.3	57.3	59.0	61.3	59.6	62.0	59.3	55.3	57.7	58.6	58.6	
29 C.P. 808	66.0	55.0	59.0	63.7	58.0	59.0	60.7	60.2	61.7	58.3	58.3	60.0	59.6	59.3	
30 C.P. 818	66.0	56.3	60.7	62.3	58.7	59.7	61.0	60.7	60.3	57.7	54.3	60.3	58.2	59.4	
31 M 01 - 062	67.3	54.0	60.3	62.3	57.7	60.3	61.0	60.4	63.7	59.7	58.7	61.0	60.8	59.8	
32 M 01 - 825	67.3	55.7	63.3	63.0	59.3	61.0	61.0	61.5	65.3	56.0	60.3	61.0	60.7	60.8	
33 G K - 3018	67.7	52.0	59.0	61.3	55.7	59.7	61.3	59.5	62.3	54.0	59.7	57.7	58.4	58.8	
34 G K - 3055	66.3	51.3	59.3	60.0	54.7	55.3	61.0	58.3	61.3	58.0	52.7	57.0	57.3	57.8	
35 G K - 3056	65.7	51.0	57.7	59.0	54.0	55.0	59.3	57.4	60.3	53.7	56.7	57.7	57.1	57.5	
36 MDMH - 101	65.3	51.0	59.7	63.0	58.0	59.3	60.7	59.6	63.3	60.3	59.7	60.0	60.8	59.4	
37 C.P. 848	66.3	53.3	60.0	63.0	57.3	58.3	59.3	59.7	62.0	57.3	60.3	58.7	59.6	59.0	
38 X - 610	66.0	48.3	58.3	59.0	54.7	54.7	59.7	57.2	60.0	53.3	53.7	57.0	56.0	56.8	
39 X - 640	66.3	51.0	60.3	61.7	56.0	60.0	61.0	59.5	61.0	61.3	57.0	57.3	59.2	58.8	
40 M C H - 36	66.3	51.0	58.3	60.3	57.0	59.0	61.3	59.0	62.7	56.7	56.7	57.7	58.4	58.5	
CHECKS:															
41 SEEDTEC - 2324	66.3	53.3	57.7	59.0	55.7	59.7	60.7	58.9	60.0	59.3	59.3	57.7	59.1	58.5	
42 BIO - 9681	66.3	48.0	57.0	58.0	53.3	54.7	60.0	56.8	65.7	53.7	53.0	56.0	57.1	57.0	
43 PRO - 311	66.7	51.7	57.7	60.3	57.0	58.3	57.7	58.5	63.3	58.7	60.3	57.3	59.9	58.4	
44 PARBHAT	67.0	53.0	61.7	63.7	57.3	59.7	60.7	60.4	63.3	60.3	61.3	60.7	61.4	60.0	
MEAN LOCATION	66.8	52.5	59.7	61.6	57.4	58.9	60.7	59.7	62.2	58.2	58.0	59.0	59.3	59.0	
C.D. AT 5%	2.5	2.6	1.6	1.6	1.5	1.7	2.3	2.0	1.3	1.9	1.5	1.5	1.6	-	
C.V. %	2.3	3.1	1.6	1.6	1.6	1.8	2.3	-	1.3	2.0	1.6	1.6	-	-	
F (Prob)	.748	.000	.000	.000	.000	.000	.058	-	.000	.000	.000	.000	-	-	

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	DAYS TO 75% DRY HUSK										ZN 2 MEAN	GORA BELI	VARA	JASH MEAN	ZN 3 MEAN
		BAJA	BARA	MEAN	MEGH	ZN 1	LUDH	KARN	PANC	PANT	KANP					
1	J H - 11137	94.7	110.0	102.3	90.7	87.0	85.7	93.0	82.3	87.7	90.0	89.0	97.0	92.0		
2	J H - 11180	100.3	108.0	104.2	92.7	88.0	88.3	92.3	81.3	88.5	92.7	86.7	95.0	91.4		
3	J H - 11422	98.3	109.7	104.0	93.0	87.0	88.0	89.3	83.3	88.1	92.3	85.0	96.0	91.1		
4	J H - 11433	102.0	108.7	105.3	92.0	85.7	86.3	94.3	83.7	88.4	90.3	90.3	96.7	92.4		
5	J H - 11449	109.7	111.0	110.3	98.7	87.0	89.3	89.7	83.0	89.5	95.3	89.7	96.7	93.9		
6	J H - 11693	100.0	108.7	104.3	92.0	86.3	88.0	92.3	82.7	88.3	94.3	91.0	97.3	94.2		
7	B H - 40707	98.7	110.0	104.3	90.7	89.0	90.0	88.7	83.3	88.3	89.7	83.0	95.0	89.2		
8	B H - 40708	101.0	107.3	104.2	92.0	88.0	88.7	91.7	84.0	88.9	90.3	87.7	96.3	91.4		
9	B H - 40709	97.0	112.7	104.8	90.7	87.7	88.7	89.7	83.3	88.0	91.0	87.3	96.3	91.6		
10	B H - 40710	102.0	110.0	106.0	91.7	86.3	88.3	89.3	78.3	86.8	90.7	84.3	95.3	90.1		
11	B H - 40711	102.3	110.3	106.3	95.7	87.0	88.7	90.0	82.7	88.8	91.7	95.3	96.7	94.6		
12	B H - 40712	101.7	110.7	106.2	92.7	88.7	88.3	92.0	82.3	86.8	91.7	88.3	97.3	92.4		
13	B H - 40713	100.7	107.3	104.0	90.7	88.3	88.0	91.3	82.0	88.1	94.7	88.3	95.7	92.9		
14	B H - 40714	95.3	109.0	102.2	92.7	87.7	86.3	92.3	79.3	87.7	94.7	87.3	96.0	92.7		
15	V E H - 3017	101.0	107.3	104.2	89.7	88.3	87.3	90.0	81.0	87.3	91.3	86.0	95.3	90.9		
16	A H - 511	97.7	107.3	102.5	89.7	86.3	86.7	91.7	82.0	87.3	88.3	84.7	95.0	89.3		
17	C - 555	102.7	108.3	105.5	90.7	87.7	88.3	91.3	81.3	87.9	92.3	88.3	94.7	91.8		
18	KAVERI-2288 SUPER	110.0	109.7	109.8	91.7	88.7	87.0	90.3	81.0	87.7	90.0	86.0	96.7	90.9		
19	KAVERI - 50	98.3	108.3	103.3	93.7	87.0	89.0	91.3	82.3	88.7	95.3	90.0	98.7	94.7		
20	M M - 8255	101.0	108.0	104.5	92.7	86.0	89.3	89.3	82.3	87.9	89.7	88.3	97.7	91.9		
21	X 6B 269	99.0	106.3	102.7	94.0	87.7	88.0	90.3	81.3	88.3	90.0	87.3	95.7	91.0		
22	X 6B 271	99.3	109.3	104.3	92.0	88.3	88.0	89.7	82.3	88.1	93.0	85.0	93.3	90.4		
23	SINDHU - 333	102.3	110.0	106.2	91.7	88.3	87.0	90.0	81.3	87.7	91.7	88.7	98.3	92.9		
24	AMAR - 555	100.7	108.0	104.3	90.0	87.7	87.0	91.0	81.0	87.3	90.7	85.3	95.3	90.4		
25	O M - 7676	101.7	107.3	104.5	92.3	86.3	88.7	90.0	83.3	88.1	95.0	89.0	97.0	93.7		

TABLE NO 1 (CONT.)

S1 NO PEDIGREE	DAYS TO 75% DRY HUSK										ZN 2		ZN 3		
	BAJA	BARA	MEGH	ZN 1	MEAN	LUDH	KARN	PANC	PANT	KANP	MEAN	BELI	VARA	JASH	MEAN
26 HYTECH'S HTCH-5101	101.3	108.7	105.0	94.0	87.3	87.3	87.3	91.0	81.7	88.3	96.3	91.7	98.0	95.3	
27 P R O - 372	101.3	106.0	103.7	89.0	89.0	88.3	88.3	91.7	80.7	87.7	93.7	86.0	94.7	91.4	
28 P R O - 373	102.7	106.7	104.7	90.7	85.7	86.3	86.3	90.3	79.7	86.5	89.3	86.0	96.0	90.4	
29 C.P. 808	106.0	108.0	107.0	96.3	89.3	87.7	87.7	90.7	79.7	88.7	92.3	90.0	97.7	93.3	
30 C.P. 818	102.0	106.7	104.3	91.0	86.0	88.3	88.3	94.7	82.3	88.5	90.3	90.3	95.7	92.1	
31 M 01 - 062	110.7	107.3	109.0	95.3	88.0	88.3	88.3	91.0	79.7	88.5	89.3	87.3	96.7	91.1	
32 M 01 - 825	101.3	107.7	104.5	96.7	86.7	88.3	88.3	96.3	81.7	89.9	94.7	98.0	96.3	96.3	
33 G K - 3018	106.7	108.0	107.3	91.7	87.3	86.7	86.7	90.3	80.7	87.3	89.7	86.3	94.7	90.2	
34 G K - 3055	99.0	107.7	103.3	90.0	85.3	88.3	88.3	90.0	80.7	86.9	89.7	83.7	96.0	89.8	
35 G K - 3056	101.7	107.3	104.5	90.7	89.0	86.7	86.7	92.0	83.3	88.3	91.0	84.0	95.7	90.2	
36 MDMH - 101	103.7	109.3	106.5	92.7	87.7	88.7	88.7	92.7	82.7	88.9	89.3	89.0	97.7	92.0	
37 C.P. 848	103.3	110.0	106.7	90.7	85.3	89.3	89.3	92.0	81.7	87.8	89.7	88.0	98.3	92.0	
38 X - 610	99.3	111.3	105.3	89.7	86.3	89.0	89.0	92.0	82.3	87.9	89.3	83.0	97.0	89.8	
39 X - 640	100.0	112.0	106.0	93.0	85.7	88.0	88.0	92.7	82.0	88.3	88.3	86.0	94.3	89.6	
40 M C H - 36	104.7	109.7	107.2	89.0	88.0	88.3	88.3	89.0	82.0	87.3	90.7	89.0	96.0	91.9	
CHECKS:															
41 SEEDTEC - 2324	103.0	113.0	108.0	93.7	86.3	87.7	86.3	90.7	80.3	87.7	92.0	86.7	94.3	91.0	
42 BIO - 9681	98.7	110.0	104.3	88.3	87.0	88.0	88.0	89.0	80.3	86.5	89.0	85.7	95.7	90.1	
43 PRO - 311	100.3	108.7	104.5	90.3	85.3	87.3	87.3	90.0	79.7	86.5	91.0	89.0	96.0	92.0	
44 PARBHAT	100.7	109.7	105.2	92.0	88.0	84.7	84.7	92.3	81.7	87.7	91.7	90.0	98.7	93.4	
MEAN LOCATION															
C.D. AT 5%	1.5	2.4	1.9	2.6	3.4	3.5	3.5	3.8	2.9	3.2	1.2	2.5	3.0	2.3	
C.V. %	0.9	1.4	-	1.7	2.4	2.4	2.4	2.6	2.2	-	0.8	1.8	1.9	-	
F (Prob)	.000	.000	-	.000	.746	.860	.860	.100	.036	-	.000	.000	.127	-	

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	DAYS TO 75% DRY HUSK										ZN 4 MEAN	CHHI	ZN 5 MEAN	OV'L MEAN
		HYDE	KARI	ARBH	BAYE	MAND	COIM	KOLH	UDAI	BANS	GODH				
		BANG													
1	J H - 11137	105.7	84.7	94.3	103.0	91.7	104.3	98.0	97.4	83.7	94.3	85.7	92.0	88.9	93.2
2	J H - 11180	103.3	85.0	94.7	103.0	94.3	104.7	98.7	97.7	93.0	95.3	88.3	90.3	91.8	94.1
3	J H - 11422	104.3	85.3	91.7	104.3	96.3	100.7	96.0	97.0	86.3	95.0	85.7	91.7	89.7	93.3
4	J H - 11433	104.0	86.7	96.3	106.7	95.7	105.3	98.3	99.0	93.0	98.0	89.7	92.0	93.2	95.0
5	J H - 11449	105.3	86.0	94.7	108.3	96.0	104.3	98.3	99.0	93.3	97.0	86.3	89.7	91.6	95.7
6	J H - 11693	102.0	85.3	96.7	102.7	94.0	104.7	98.0	97.6	88.0	96.7	82.3	92.3	89.8	94.1
7	B H - 40707	105.7	86.0	94.7	102.3	94.3	103.3	98.3	97.8	85.7	93.0	83.7	88.0	87.6	93.0
8	B H - 40708	105.7	86.7	93.7	105.7	96.3	106.7	98.3	99.0	79.7	92.0	88.7	89.3	87.4	93.8
9	B H - 40709	103.3	84.7	95.0	102.3	92.7	106.0	98.3	97.5	87.7	95.0	82.7	90.0	88.8	93.4
10	B H - 40710	104.7	84.7	94.7	104.7	96.3	104.3	96.3	98.0	87.0	94.7	85.7	90.0	89.3	93.3
11	B H - 40711	106.3	85.7	95.3	107.3	95.7	105.0	98.3	99.1	90.0	93.0	86.3	92.7	90.5	95.0
12	B H - 40712	103.3	86.0	94.3	105.0	97.0	105.0	98.3	98.4	88.0	94.0	89.7	92.7	91.1	94.6
13	B H - 40713	104.0	85.3	97.0	103.7	97.0	106.3	98.0	98.8	87.0	91.7	83.3	89.7	87.9	93.8
14	B H - 40714	103.7	86.0	94.0	104.3	94.3	102.3	97.7	97.5	91.7	90.7	85.3	90.3	89.5	93.4
15	V E H - 3017	103.3	86.3	91.3	105.0	94.3	104.3	97.3	97.4	89.7	98.0	88.7	89.0	91.3	93.6
16	A H - 511	106.3	83.0	91.0	105.3	94.0	100.0	95.7	96.5	88.0	92.0	85.7	88.0	88.4	92.3
17	C - 555	105.0	85.0	92.3	104.7	94.3	104.3	97.3	97.6	83.3	96.7	88.3	90.3	89.7	93.7
18	KAVERI-2288 SUPER	104.3	86.7	93.3	102.7	95.3	104.3	98.3	97.9	85.0	93.3	87.3	89.7	88.8	93.9
19	KAVERI - 50	107.3	87.7	95.3	103.3	93.3	103.7	98.3	98.4	82.0	94.0	79.3	90.3	86.4	93.7
20	M M - 8255	106.3	86.0	96.0	107.7	95.3	105.0	98.0	99.2	90.0	91.7	88.3	90.7	90.2	94.3
21	X 6B 269	104.0	86.3	96.3	105.3	94.3	105.0	98.3	98.5	91.0	93.0	89.3	91.0	91.1	94.0
22	X 6B 271	104.3	86.0	92.0	102.7	96.3	104.3	97.3	97.6	89.3	92.7	85.7	89.3	89.5	93.4
23	SINDHU - 333	106.3	87.3	93.3	103.0	94.3	103.7	98.3	98.0	85.7	92.0	89.3	91.3	89.6	94.0
24	AMAR - 555	104.7	84.7	93.0	106.0	93.7	104.0	97.3	97.6	90.0	94.7	85.7	91.0	90.3	93.4
25	O M - 7676	106.7	87.3	94.7	102.0	96.0	104.0	97.7	98.3	82.7	95.7	90.0	90.0	89.6	94.2

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	DAYS TO 75% DRY HUSK										ZN 4 MEAN	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L MEAN	
		HYDE	KARI	ARBH	BAYE	MAND	COIM	KOLH	UDAI	BANS	GODH								
26	HYTECH'S HTCH-5101	107.3	87.3	96.7	108.7	95.0	107.3	99.0	100.2	84.0	93.3	90.0	91.3	89.7	95.1				
27	P R O - 372	104.7	85.7	93.3	105.7	95.0	102.7	97.3	97.8	89.7	95.3	90.0	90.3	91.3	93.8				
28	P R O - 373	103.3	85.3	93.7	105.7	93.7	104.0	98.3	97.7	88.7	94.7	83.7	91.3	89.6	93.1				
29	C.P. 808	105.0	85.7	96.0	109.0	93.7	104.0	97.7	98.7	87.3	95.0	87.3	90.7	90.1	94.7				
30	C.P. 818	106.0	85.7	94.7	109.7	95.0	104.7	98.0	99.1	89.7	92.7	82.3	92.0	89.2	94.2				
31	M 01 - 062	105.0	87.0	92.7	104.0	94.0	105.3	98.0	98.0	88.3	95.7	87.7	91.0	90.7	94.4				
32	M 01 - 825	106.3	86.7	97.0	110.3	95.0	106.0	98.0	99.9	93.0	91.3	89.3	91.7	91.3	95.8				
33	G K - 3018	107.3	84.3	93.3	105.0	96.0	104.7	98.3	98.4	86.3	92.0	89.3	89.3	89.3	93.7				
34	G K - 3055	103.3	85.3	93.0	104.0	91.0	99.7	98.0	96.3	90.3	93.7	82.7	88.7	88.8	92.4				
35	G K - 3056	103.7	85.3	91.7	104.7	92.7	100.0	96.3	96.3	91.0	94.7	85.7	90.0	90.3	93.2				
36	MDMH - 101	105.3	86.3	94.3	105.3	96.3	104.7	97.7	98.6	88.3	95.7	89.3	92.3	91.4	94.7				
37	C.P. 848	103.7	86.7	94.3	106.3	95.0	103.3	96.0	97.9	90.3	94.3	86.7	89.3	90.2	94.0				
38	X - 610	107.0	82.7	91.7	105.0	94.7	100.0	96.7	96.8	91.0	90.0	84.7	88.0	88.4	92.9				
39	X - 640	104.3	85.0	93.7	104.7	91.0	105.0	98.0	97.4	86.7	97.3	87.3	90.7	90.5	93.6				
40	M C H - 36	105.3	86.0	93.3	105.0	96.7	104.0	98.3	98.4	76.3	93.0	85.7	91.0	86.5	93.4				
CHECKS:																			
41	SEEDTEC - 2324	105.0	85.0	92.7	105.7	94.0	104.7	97.7	97.8	87.0	94.7	88.0	91.0	90.2	94.0				
42	BIO - 9681	104.0	84.0	91.3	103.7	92.3	99.7	97.3	96.0	92.0	91.7	82.3	87.0	88.3	92.2				
43	PRO - 311	104.7	84.0	92.7	104.0	95.7	103.3	94.7	97.0	90.0	93.7	86.0	89.3	89.8	93.1				
44	PAREHAT	106.0	85.7	93.3	107.0	94.3	104.7	97.7	98.4	89.3	96.7	90.0	91.0	91.8	94.5				
MEAN LOCATION																			
C.D. AT 5% =																			
C.V. % =																			
F (Prob)																			

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	MOISTURE % AT HARVEST										ZN 2 MEAN	ZN 3 MEAN	
		MEGH BARA	ZN 1 MEAN	DELH DMRD	LAJDH	KARN	PANC	PANT	GORA BELI	VARA	JASH			
1	J H - 11137	22.1	24.7	23.4	30.6	29.3	32.0	31.7	25.8	29.9	25.2	27.3	19.0	23.8
2	J H - 11180	23.5	26.0	24.8	29.7	27.8	35.8	37.8	25.7	31.3	24.5	25.0	19.3	22.9
3	J H - 11422	23.5	25.0	24.3	29.8	29.1	32.1	33.7	28.0	30.5	25.5	29.8	21.0	25.4
4	J H - 11433	22.0	25.7	23.9	31.4	25.7	30.5	28.8	24.8	28.2	23.0	28.6	17.6	23.1
5	J H - 11449	22.5	27.7	25.1	36.8	30.3	29.4	29.8	28.3	30.9	26.6	30.0	20.7	25.8
6	J H - 11693	22.5	25.0	23.8	30.2	28.0	32.6	32.7	29.3	30.6	26.0	30.0	19.8	25.3
7	B H - 40707	20.8	24.3	22.6	27.1	23.6	33.1	27.8	28.4	28.0	23.1	23.8	20.6	22.5
8	B H - 40708	21.8	28.7	25.2	26.7	25.3	29.9	32.8	29.3	28.8	23.0	27.5	19.3	23.3
9	B H - 40709	22.0	31.0	26.5	26.5	26.2	34.1	30.0	27.8	28.9	23.3	28.5	19.8	23.8
10	B H - 40710	21.0	30.3	25.6	27.7	25.4	32.4	28.8	29.3	28.7	23.6	25.3	19.7	22.9
11	B H - 40711	22.2	25.0	23.6	32.3	29.1	35.0	32.8	25.2	30.9	25.0	28.4	19.6	24.4
12	B H - 40712	24.8	24.3	24.5	29.5	26.3	30.8	33.8	28.7	29.8	26.1	27.9	17.6	23.9
13	B H - 40713	22.0	26.0	24.0	29.7	24.8	31.4	30.8	27.2	28.8	26.0	28.5	19.3	24.6
14	B H - 40714	21.3	26.3	23.8	28.3	27.0	32.8	30.0	26.8	29.0	26.8	28.2	21.3	25.4
15	V E H - 3017	22.1	26.0	24.1	23.9	21.5	32.0	28.8	26.6	26.6	23.5	24.0	19.9	22.4
16	A H - 511	20.8	25.7	23.2	26.8	21.4	32.1	30.2	27.4	27.6	20.6	25.0	17.6	21.1
17	C - 555	22.0	26.7	24.4	31.5	27.3	35.6	29.9	27.5	30.4	24.5	28.8	20.0	24.4
18	KAVERI-2288 SUPER	21.1	24.3	22.7	27.4	28.3	32.3	28.7	26.6	28.7	22.1	27.8	20.8	23.6
19	KAVERI - 50	20.8	24.3	22.6	28.0	28.0	31.5	30.8	27.1	29.1	26.9	29.8	19.2	25.3
20	M M - 8255	23.1	24.7	23.9	29.1	28.7	33.2	33.1	27.9	30.4	22.4	29.8	21.0	24.4
21	X 6B 269	21.8	24.7	23.3	29.3	30.0	33.2	28.3	26.6	29.5	23.8	28.0	21.3	24.4
22	X 6B 271	20.8	25.0	22.9	25.5	27.4	32.9	30.7	24.6	28.2	24.5	26.8	19.3	23.5
23	SINDHU - 333	21.6	27.0	24.3	28.5	25.5	28.5	31.8	26.8	28.2	22.8	26.9	19.1	22.9
24	AMAR - 555	21.0	24.7	22.8	26.0	26.8	32.3	30.7	27.1	28.6	23.5	30.0	19.8	24.4
25	O M - 7676	21.7	26.7	24.2	30.0	26.0	34.5	28.6	27.2	29.3	25.9	28.4	21.0	25.1

TABLE NO 1 (CONT.)

SI NO PEDIGREE	MOISTURE % AT HARVEST										ZN 2		ZN 3		
	BAJA	BARA	MEGH	ZN 1 MEAN	DELH	DNRD	LUDH	KARN	PANC	PANT	MEAN	BELI	VARA	JASH	MEAN
26 HYTECH'S HTCH-5101	21.8	24.0	22.9	29.9	29.9	29.5	33.3	28.3	27.4	29.7	27.1	28.6	21.0	25.6	
27 P R O - 372	21.8	25.3	23.5	27.8	27.8	24.6	33.3	28.9	26.2	28.2	25.1	30.3	20.3	25.2	
28 P R O - 373	22.2	26.0	24.1	27.5	27.5	25.1	32.8	33.2	26.2	29.0	22.9	29.8	20.1	24.3	
29 C.P. 808	25.2	25.0	25.1	28.9	28.9	30.5	32.0	33.0	28.7	30.6	25.1	26.9	20.8	24.3	
30 C.P. 818	22.0	25.7	23.8	25.7	25.7	25.9	32.6	30.1	28.6	28.6	24.9	26.8	20.0	23.9	
31 M 01 - 062	21.3	27.0	24.2	26.5	26.5	28.0	32.7	30.8	28.4	29.2	21.6	30.0	20.0	23.9	
32 M 01 - 825	24.3	27.0	25.6	34.0	34.0	30.3	30.1	30.7	25.1	30.0	26.4	32.7	18.8	26.0	
33 G K - 3018	22.8	24.7	23.7	29.2	29.2	27.8	33.0	31.0	27.5	29.7	22.1	30.5	19.8	24.2	
34 G K - 3055	21.3	25.0	23.1	29.3	29.3	26.9	30.9	31.2	23.7	28.4	23.0	24.7	20.7	22.8	
35 G K - 3056	22.1	25.3	23.7	28.4	28.4	26.6	33.8	28.9	25.3	28.6	24.6	25.6	20.5	23.6	
36 MDMH - 101	24.0	24.0	24.0	31.3	31.3	27.2	31.9	31.8	27.2	29.9	22.6	30.0	19.6	24.1	
37 C.P. 848	24.6	28.0	26.3	37.3	37.3	27.7	30.9	30.8	27.4	30.8	21.1	30.0	19.8	23.6	
38 X - 610	21.5	28.0	24.8	28.3	28.3	26.0	29.1	28.9	26.1	27.7	21.2	29.5	20.0	23.6	
39 X - 640	22.3	25.0	23.6	29.0	29.0	28.1	32.2	37.8	27.8	31.0	25.0	30.4	19.8	25.1	
40 M C H - 36	23.0	27.0	25.0	29.1	29.1	27.8	34.1	27.8	29.3	29.6	24.0	32.0	19.6	25.2	
CHECKS:															
41 SEEDTEC - 2324	24.0	25.7	24.8	29.4	29.4	30.3	32.5	30.0	26.4	29.7	24.9	26.3	19.4	23.5	
42 BIO - 9681	22.0	25.0	23.5	26.3	26.3	26.8	32.5	31.7	27.5	29.0	21.1	25.8	19.3	22.1	
43 PRO - 311	22.0	25.0	23.5	36.0	36.0	26.9	30.2	30.0	24.8	29.6	24.3	31.1	19.5	25.0	
44 PARBHAT	21.0	26.0	23.5	30.0	30.0	28.5	32.7	29.9	28.9	30.0	24.1	30.8	20.3	25.0	
MEAN LOCATION	22.2	25.9	24.0	29.2	29.2	27.1	32.3	30.9	27.1	29.3	24.1	28.3	19.8	24.1	
C.D. AT 5%	1.0	1.8	1.4	2.0	2.0	2.3	5.4	0.0	2.7	2.5	1.1	0.9	0.6	0.9	
C.V. %	2.7	4.3	-	4.2	4.2	5.1	10.2	0.0	6.1	-	2.8	2.0	1.9	-	
F (Prob)	.000	.000	-	.000	.000	.000	.900	-	.000	-	.002	.000	.000	-	

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	MOISTURE % AT HARVEST										ZN 4 MEAN	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L MEAN
		HYDE	KARI	ARBH	BAYE	MAND	COIM	KOLH	UDAI	BANS	GODH							
1	J H - 11137	25.5	7.9	36.9	23.7	18.4	19.4	10.9	20.4	19.3	16.0	20.6	17.4	18.3	23.0			
2	J H - 11180	22.3	6.1	33.8	24.9	18.2	19.3	10.5	19.3	22.4	15.8	16.5	15.6	17.5	22.9			
3	J H - 11422	24.1	7.6	37.3	23.5	16.1	18.1	11.1	19.7	20.9	15.9	13.2	18.0	17.0	23.0			
4	J H - 11433	27.0	10.1	36.8	26.5	16.6	19.9	10.1	21.0	21.2	16.0	20.9	16.7	18.7	22.9			
5	J H - 11449	23.6	9.5	36.7	28.0	16.5	20.2	10.5	20.7	19.6	16.1	13.5	16.5	16.4	23.5			
6	J H - 11693	23.7	7.1	33.5	26.0	17.6	20.0	11.5	19.9	18.1	15.3	20.5	13.8	16.9	23.0			
7	B H - 40707	24.3	7.4	33.6	26.1	18.0	18.9	11.2	19.9	22.3	15.9	19.7	17.8	18.9	22.3			
8	B H - 40708	22.5	7.8	33.4	24.8	17.2	17.8	12.1	19.4	17.7	15.3	18.8	17.3	17.3	22.3			
9	B H - 40709	23.5	9.4	35.2	25.0	17.8	19.7	10.3	20.1	21.2	15.5	21.3	16.0	18.5	23.0			
10	B H - 40710	20.4	6.9	35.3	27.7	18.4	18.0	9.5	19.5	21.0	16.0	19.0	14.1	17.5	22.4			
11	B H - 40711	25.2	8.0	33.9	25.1	17.3	19.9	10.4	20.0	21.3	15.3	18.8	13.6	17.3	23.0			
12	B H - 40712	23.8	8.0	36.7	25.5	16.8	19.5	10.6	20.1	21.1	16.2	21.5	18.3	19.3	23.2			
13	B H - 40713	24.3	8.3	35.2	25.4	16.6	18.1	11.7	19.9	20.0	16.1	15.6	13.4	16.3	22.4			
14	B H - 40714	22.3	6.0	32.0	26.9	16.0	19.0	11.1	19.1	17.6	16.0	18.5	16.0	17.0	22.4			
15	V E H - 3017	25.6	7.7	31.3	24.4	17.8	19.8	10.9	19.6	21.8	16.3	20.4	16.0	18.6	21.9			
16	A H - 511	21.0	6.9	31.1	21.5	14.9	17.3	10.8	17.6	19.4	15.4	19.7	14.3	17.2	20.9			
17	C - 555	20.5	5.6	34.3	26.9	18.9	18.4	11.1	19.4	22.0	15.8	16.0	16.5	17.6	22.9			
18	KAVERI-2288 SUPER	24.7	7.8	35.5	22.6	19.2	19.1	9.3	19.8	15.3	16.0	17.9	15.3	16.4	22.1			
19	KAVERI - 50	26.8	7.3	33.4	23.5	17.1	19.4	11.1	19.8	18.0	15.7	17.8	15.3	16.7	22.5			
20	M M - 8255	22.8	11.3	38.0	27.7	19.0	19.9	59.7	28.3	24.9	15.4	13.8	18.2	18.0	25.9			
21	X 6B 269	23.3	6.6	29.4	28.3	17.7	19.4	10.3	19.3	18.4	16.1	19.3	16.5	17.6	22.5			
22	X 6B 271	21.9	10.6	33.5	21.7	17.1	18.4	10.5	19.1	20.2	15.3	17.3	14.0	16.7	21.8			
23	SINDHU - 333	21.6	6.7	34.5	23.6	17.5	18.4	10.9	19.3	19.0	15.9	19.5	15.9	17.6	22.1			
24	AMAR - 555	23.4	5.8	35.3	27.2	15.4	19.1	11.0	19.6	16.3	15.6	20.6	17.2	17.4	22.3			
25	O M - 7676	25.3	9.1	32.5	24.5	17.3	19.4	9.9	19.7	16.5	15.4	18.6	17.1	16.9	22.7			

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	MOISTURE % AT HARVEST										ZN 4 MEAN	UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L MEAN
		HYDE	KARI	ARBH	BAYE	MAND	COIM	KOLH	UDAI	BANS	GODH							
					BANG													
					BAYE													
26	HYTECH'S HTCH-5101	27.4	7.4	35.4	24.5	16.5	19.1	9.6	20.0	17.6	15.5	18.3	11.8	15.8	22.6			
27	P R O - 372	22.7	7.4	35.2	26.0	17.2	18.6	11.5	19.8	18.3	15.5	21.2	15.2	17.5	22.5			
28	P R O - 373	24.8	7.7	36.7	24.5	17.4	18.9	10.4	20.0	22.1	16.0	16.6	16.1	17.7	22.7			
29	C.P. 808	20.9	7.9	36.3	29.4	18.8	18.8	11.3	20.5	21.1	16.2	20.9	17.0	18.8	23.6			
30	C.P. 818	22.3	6.6	35.0	24.3	18.3	17.8	11.1	19.3	18.1	15.5	20.6	14.1	17.1	22.2			
31	M 01 - 062	23.1	9.6	34.8	27.3	18.1	21.0	10.0	20.6	22.0	15.4	20.0	20.2	19.4	23.2			
32	M 01 - 825	22.7	5.2	36.8	29.7	18.5	16.5	11.6	20.1	22.1	16.0	20.3	14.1	18.1	23.5			
33	G K - 3018	24.2	6.6	31.6	26.5	15.6	18.7	10.0	19.0	22.1	16.0	17.5	14.4	17.5	22.5			
34	G K - 3055	25.0	8.8	32.8	26.0	15.9	18.3	10.1	19.6	20.8	15.5	21.1	14.8	18.0	22.2			
35	G K - 3056	21.5	10.3	32.9	25.3	16.0	18.0	10.0	19.2	22.5	15.3	18.5	16.6	18.2	22.3			
36	MDMH - 101	25.0	9.5	37.8	26.1	19.0	19.4	10.6	21.0	20.0	15.3	20.2	16.5	18.0	23.3			
37	C.P. 848	22.6	9.3	36.0	25.0	19.0	18.3	9.9	20.0	19.5	15.9	15.2	16.5	16.8	23.1			
38	X - 610	25.6	8.1	35.2	28.8	18.7	19.2	9.4	20.7	21.0	15.8	18.0	19.5	18.6	22.8			
39	X - 640	23.9	8.1	35.6	26.4	16.9	17.7	11.5	20.0	19.5	16.0	14.9	16.8	16.8	23.1			
40	M C H - 36	20.8	6.8	37.5	26.8	17.0	19.8	11.6	20.0	21.0	15.9	16.5	17.0	17.6	23.1			
	CHECKS:																	
41	SEEDTEC - 2324	22.1	6.6	36.0	25.9	18.8	19.6	9.5	19.8	17.5	15.5	19.9	13.9	16.7	22.6			
42	BIO - 9681	22.2	9.9	31.6	24.3	16.7	18.4	11.0	19.2	18.7	15.9	19.0	17.3	17.7	22.1			
43	PRO - 311	23.8	7.6	34.4	24.3	18.3	18.0	11.0	19.6	21.1	15.3	17.5	15.4	17.3	22.7			
44	PARBHAT	23.1	5.9	32.7	25.5	17.0	15.5	10.5	18.6	22.3	15.6	20.3	17.0	18.8	22.7			
	MEAN LOCATION	23.5	7.9	34.6	25.6	17.4	18.8	11.8	19.9	20.1	15.7	18.5	16.0	17.6	22.7			
	C.D. AT 5%	1.7	0.9	3.0	2.6	1.7	0.4	11.5	3.1	0.5	0.3	0.4	2.2	0.9	-			
	C.V. %	4.6	7.1	5.3	6.3	6.2	1.2	60.2	-	1.4	1.3	1.5	8.4	-	-			
	F (Prob)	.000	.000	.000	.000	.000	.000	.000	-	.000	.000	.000	.000	-	-			

W

A

4

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	PLANT HEIGHT (cm)										ZN 2 MEAN	ZN 3 MEAN			
		BAJA	BARA	MEGH	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	KANP			GORA BELL	VARA	JASH
1	J H - 11137	227	200	213	213	181	210	203	223	247	207	212	142	213	180	178
2	J H - 11180	247	195	221	221	196	223	197	217	247	201	213	145	263	192	200
3	J H - 11422	227	198	213	213	166	215	183	233	260	196	209	132	210	183	175
4	J H - 11433	248	202	225	225	192	230	188	220	237	184	208	139	233	199	190
5	J H - 11449	215	189	202	202	166	212	192	212	253	171	201	127	193	177	166
6	J H - 11693	233	189	211	211	167	193	190	237	243	200	205	120	230	181	177
7	B H - 40707	215	177	196	196	165	185	193	203	235	209	198	134	200	165	166
8	B H - 40708	204	197	201	201	179	208	188	222	257	210	211	143	205	185	178
9	B H - 40709	215	200	207	207	168	200	180	260	257	210	212	128	233	200	187
10	B H - 40710	202	198	200	200	137	168	208	187	207	181	181	133	168	148	150
11	B H - 40711	210	196	203	203	170	190	198	207	240	205	202	133	210	175	173
12	B H - 40712	233	200	217	217	174	205	200	205	230	198	202	132	205	163	167
13	B H - 40713	237	192	215	215	196	203	205	213	245	202	211	122	225	193	180
14	B H - 40714	205	195	200	200	168	192	187	247	268	172	206	135	233	183	184
15	V E H - 3017	220	192	206	206	153	191	197	213	260	178	199	119	200	161	160
16	A H - 511	207	225	216	216	152	198	183	173	212	182	184	118	210	147	158
17	C - 555	205	187	196	196	152	178	193	213	237	203	196	115	210	154	160
18	KAVERI-2288 SUPER	198	207	202	202	147	177	183	185	247	189	188	123	208	165	167
19	KAVERI - 50	204	189	197	197	161	195	193	217	243	181	198	131	233	186	183
20	M M - 8255	225	197	211	211	142	187	185	192	223	191	187	117	208	166	164
21	X 6B 269	216	187	201	201	181	210	203	243	240	201	213	124	235	175	178
22	X 6B 271	233	208	221	221	168	213	195	230	235	208	208	144	210	184	179
23	SINDHU - 333	218	197	208	208	167	202	190	240	242	188	205	145	213	188	182
24	AMAR - 555	217	199	208	208	156	173	192	217	232	206	196	117	188	152	152
25	O M - 7676	227	194	210	210	175	212	193	260	353	192	231	135	218	183	179

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	PLANT HEIGHT (cm)										ZN 2 MEAN	ZN 3 MEAN		
		BAJA	BARA	MEGH	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	KANP			BELL	VARA
26	HYTECH'S HTCH-5101	222	216	199	205	173	195	202	230	235	207	128	235	173	179
27	P R O - 372	199	200	200	200	149	168	197	203	220	176	117	183	162	154
28	P R O - 373	207	203	205	205	149	180	193	197	230	166	113	208	171	164
29	C.P. 808	238	187	213	213	172	207	207	208	240	185	121	185	168	158
30	C.P. 818	232	188	210	210	159	202	198	225	263	195	126	225	193	181
31	M 01 - 062	228	192	210	210	172	182	207	223	252	172	127	198	164	163
32	M 01 - 825	220	195	208	208	163	187	198	253	238	196	112	220	163	165
33	G K - 3018	217	203	210	210	146	168	195	200	237	181	115	183	158	152
34	G K - 3055	206	190	198	198	157	173	188	210	243	190	118	210	148	159
35	G K - 3056	198	198	198	198	147	182	197	240	237	192	123	205	155	161
36	MDMR - 101	235	194	214	214	139	188	200	225	230	186	120	200	174	165
37	C.P. 848	238	193	216	216	157	198	193	210	238	199	119	218	171	169
38	X - 610	213	187	200	200	141	170	195	190	227	207	116	183	165	154
39	X - 640	222	211	216	216	150	185	197	210	223	161	117	203	154	158
40	M C H - 36	210	205	208	208	153	182	198	203	237	188	113	220	172	168
CHECKS:															
41	SEEDTEC - 2324	210	199	205	205	154	182	168	198	225	182	127	205	162	165
42	BIO - 9681	225	190	208	208	151	193	192	263	247	198	127	208	171	168
43	PRO - 311	207	190	198	198	140	180	178	202	227	177	113	198	164	158
44	PARBHAT	228	203	216	216	162	217	197	240	273	168	136	205	178	173
MEAN LOCATION															
C.D. AT 5%		22.2	37.1	29.7	29.7	18.6	23.0	25.7	49.9	51.6	10.9	16.4	10.0	8.5	11.6
C.V. %		6.2	11.6	-	-	7.1	7.3	8.2	14.1	13.1	3.5	8.0	2.9	3.0	-
F (Prob)		.000	.999	-	-	.000	.000	.817	.088	.075	.000	.000	.000	.000	-

TABLE NO 1 (CONT.)

Sl NO	PEDIGREE	PLANT HEIGHT (cm)										ZN 4 MEAN	ZN 5 MEAN	OV'L MEAN	
		HYDE	KARI	ARBH	BANG BAYE	MAND	COIM	KOLH	UDAI	BANS	GODH				CHHI
1	J H - 11137	208	178	207	288	199	179	205	209	165	137	163	208	169	199
2	J H - 11180	225	210	196	324	219	201	223	228	235	145	208	225	203	215
3	J H - 11422	215	190	181	299	178	191	192	206	202	142	193	222	190	200
4	J H - 11433	218	196	210	315	213	203	198	222	213	131	179	212	184	207
5	J H - 11449	202	162	192	300	198	187	185	204	188	141	155	220	176	193
6	J H - 11693	205	164	208	309	197	179	193	208	208	143	158	210	180	198
7	B H - 40707	202	150	185	276	180	158	168	188	183	140	162	193	170	185
8	B H - 40708	222	188	203	307	209	202	197	218	205	134	182	237	189	204
9	B H - 40709	212	179	200	310	192	185	218	214	193	130	187	227	184	204
10	B H - 40710	187	149	174	279	183	159	178	187	178	93	138	192	150	175
11	B H - 40711	198	141	188	300	190	176	187	197	182	124	163	192	165	190
12	B H - 40712	220	182	199	291	204	177	175	207	205	125	168	212	178	196
13	B H - 40713	217	173	204	304	202	186	208	213	197	144	182	230	188	204
14	B H - 40714	213	177	207	308	190	184	217	214	215	131	167	210	181	200
15	V E H - 3017	218	154	183	283	177	179	170	195	185	156	167	223	183	190
16	A H - 511	185	194	185	268	181	168	212	199	187	141	132	212	168	185
17	C - 555	203	170	187	271	195	156	167	193	163	124	122	197	152	182
18	KAVERI-2288 SUPER	212	160	186	276	189	167	175	195	175	110	138	202	156	183
19	KAVERI - 50	202	181	201	300	208	185	155	204	198	144	178	208	182	195
20	M M - 8255	200	175	191	287	183	173	163	196	198	108	172	207	171	186
21	X 6B 269	220	180	201	316	206	187	213	218	200	126	188	218	183	203
22	X 6B 271	178	169	194	309	202	170	167	198	190	101	167	228	171	195
23	SINDHU - 333	207	180	197	300	206	194	202	212	210	158	162	217	187	201
24	AMAR - 555	165	143	183	269	182	143	185	181	205	102	122	190	155	179
25	O M - 7676	203	182	197	293	214	184	175	207	185	141	185	215	182	205

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	PLANT HEIGHT (cm)										OV'L MEAN			
		HYDE	KARI	ARBH	BANG BAYE	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS		GODH	CHHI	ZN 5 MEAN
26	HYTECH'S HTCH-5101	218	156	203	296	195	184	202	208	198	155	140	225	180	199
27	P R O - 372	190	171	176	267	179	173	178	191	193	127	140	195	164	180
28	P R O - 373	180	156	174	296	184	156	175	189	183	125	152	210	167	182
29	C.P. 808	190	157	193	294	197	179	185	199	205	154	157	213	182	193
30	C.P. 818	217	169	203	307	193	173	175	205	190	140	167	218	179	198
31	M 01 - 062	197	174	193	303	181	168	185	200	183	111	163	195	163	190
32	M 01 - 825	217	147	183	304	203	186	197	205	205	130	177	212	181	196
33	G K - 3018	175	152	180	282	184	172	188	190	168	148	157	200	168	182
34	G K - 3055	200	175	176	262	186	165	178	192	187	133	147	190	164	183
35	G K - 3056	192	153	185	262	179	157	168	185	165	131	147	197	160	182
36	MDMH - 101	205	174	204	296	194	186	193	207	190	132	157	212	173	192
37	C.P. 848	210	173	196	301	198	168	178	203	180	119	167	215	170	193
38	X - 610	185	156	173	277	192	164	188	191	185	132	163	188	167	182
39	X - 640	180	165	194	262	186	161	177	189	178	111	170	205	166	184
40	M C H - 36	187	165	186	286	182	175	182	195	178	148	173	192	173	188
CHECKS:															
41	SEEDTEC - 2324	188	149	184	268	189	158	187	189	188	151	147	187	168	182
42	BIO - 9681	203	159	190	283	195	190	195	202	180	122	197	205	176	195
43	PRO - 311	182	177	178	274	191	163	200	195	187	101	133	207	157	180
44	PARBHAT	215	175	207	316	202	179	187	211	205	127	175	238	186	202
MEAN LOCATION															
C.D. AT 5%		25.4	16.4	13.0	15.4	20.8	13.5	46.8	21.6	8.4	6.2	5.6	22.4	10.6	-
C.V. %		7.8	6.0	4.2	3.3	6.6	4.7	15.4	-	2.7	2.9	2.1	6.6	-	-
F (Prob)		.000	.000	.000	.000	.002	.000	.618	-	.000	.000	.000	.000	-	-

Y

*

+

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	EAR HEIGHT (cm)				DELH DMRD	LUDH KARN	PANC KARN	PANT KARNP	ZN 2 MEAN	GORA BELI	VARA JASH	ZN 3 MEAN
		MEGH BARA	ZN 1 MEAN	BAJA	BARA								
1	J H - 11137	127	102	114	105	108	98	118	107	105	107	108	86
2	J H - 11180	128	102	115	111	111	97	115	100	101	106	135	99
3	J H - 11422	128	104	116	85	115	97	103	93	103	99	98	74
4	J H - 11433	131	106	118	101	115	97	120	100	84	103	108	81
5	J H - 11449	115	103	109	91	117	93	110	73	80	94	85	70
6	J H - 11693	135	101	118	85	98	83	123	103	100	99	120	88
7	B H - 40707	110	92	101	85	88	92	108	87	102	94	90	71
8	B H - 40708	103	94	98	94	108	83	120	110	111	105	100	80
9	B H - 40709	110	102	106	96	108	88	135	120	104	109	113	87
10	B H - 40710	92	101	96	83	88	100	88	63	74	83	78	64
11	B H - 40711	108	96	102	82	95	90	107	87	91	92	105	76
12	B H - 40712	123	101	112	92	102	97	98	90	88	94	98	73
13	B H - 40713	129	93	111	109	115	100	107	100	100	105	120	90
14	B H - 40714	96	91	94	91	83	88	122	110	72	94	108	74
15	V E H - 3017	104	98	101	76	82	90	110	80	72	85	93	66
16	A H - 511	119	110	115	93	107	87	93	77	84	90	98	68
17	C - 555	111	94	103	84	102	102	123	104	104	103	103	73
18	KAVERI-2288 SUPER	87	99	93	80	75	97	122	90	94	93	100	73
19	KAVERI - 50	95	94	94	81	90	103	100	80	85	90	110	75
20	M M - 8255	114	91	102	73	83	85	93	87	90	85	95	66
21	X 6B 269	121	101	111	91	93	93	98	83	98	93	110	74
22	X 6B 271	105	100	103	79	88	92	113	73	103	92	93	67
23	SINDHU - 333	102	87	94	84	92	90	133	83	86	95	90	72
24	AMAR - 555	118	100	109	88	92	95	110	93	99	96	98	72
25	O M - 7676	107	92	99	78	98	93	113	90	91	94	103	73

TABLE NO 1 (CONT.)

SI NO PEDIGREE	EAR HEIGHT (cm)										ZN 2 MEAN	KANTP	PANT	PANC	KARN	LUDH	DELH DMRD	ZN 1 MEAN	BAJA	BARA	MEGH	ZN 1 DELH	GORA BELI	VARA	JASH	ZN 3 MEAN
	BAJA	BARA	MEGH	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	KANTP																
26 HYTECH'S HTCH-5101	107	103	105	105	84	82	100	110	77	95	91	46	100	68	71											
27 P R O - 372	108	99	104	104	92	97	92	112	110	79	97	51	85	65	67											
28 P R O - 373	107	102	104	104	83	80	97	97	83	73	85	43	88	69	66											
29 C.P. 808	152	97	124	124	95	103	93	90	97	89	95	46	83	73	67											
30 C.P. 818	137	99	118	118	86	115	102	107	120	101	105	52	123	96	90											
31 M 01 - 062	125	98	112	112	98	95	105	120	93	91	100	49	90	72	70											
32 M 01 - 825	123	87	105	105	93	90	103	137	97	97	103	40	100	74	71											
33 G K - 3018	125	101	113	113	89	87	93	100	100	80	92	43	105	65	71											
34 G K - 3055	112	98	105	105	86	93	90	103	100	91	94	39	93	68	67											
35 G K - 3056	114	96	105	105	92	95	92	130	90	90	98	48	105	70	74											
36 MDMH - 101	126	93	110	110	74	87	103	110	90	82	91	38	100	76	72											
37 C.P. 848	132	100	116	116	93	100	83	100	97	98	95	52	115	76	81											
38 X - 610	118	98	108	108	83	80	93	97	87	105	91	40	75	68	61											
39 X - 640	118	104	111	111	81	95	95	107	87	80	91	47	93	67	69											
40 M C H - 36	98	104	101	101	90	82	97	98	97	82	91	45	105	74	75											
CHECKS:																										
41 SEEDTEC - 2324	120	103	112	112	85	90	83	108	110	82	93	53	108	74	78											
42 BIO - 9681	117	97	107	107	73	90	107	133	90	87	97	42	83	65	63											
43 PRO - 311	122	112	117	117	91	103	93	112	100	75	96	43	103	74	73											
44 PARBHAT	132	101	117	117	90	108	97	143	113	89	107	49	90	81	73											
MEAN LOCATION	116	99	107	107	88	96	94	111	94	91	96	47	100	75	74											
C.D. AT 5%	21.5	21.4	21.4	21.4	13.4	19.1	20.0	27.6	23.9	12.2	19.4	11.1	7.9	6.5	8.5											
C.V. %	11.4	13.3	-	-	9.4	12.2	13.1	15.3	15.7	8.3	-	14.5	4.9	5.4	-											
F (Prob)	.000	.993	-	-	.000	.000	.872	.009	.001	.000	-	.010	.000	.000	-											

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	EAR HEIGHT (cm)										OV'L MEAN			
		HYDE	KARI	ARBH	BANG BAYE	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS		GODH	CHHI	ZN 5 MEAN
1	J H - 11137	90	75	101	136	109	112	100	103	87	56	82	110	84	99
2	J H - 11180	108	106	113	147	123	123	110	119	123	76	110	107	104	110
3	J H - 11422	95	82	101	122	102	112	107	103	100	69	87	108	91	97
4	J H - 11433	90	87	111	127	117	122	98	107	98	52	77	108	84	99
5	J H - 11449	90	103	96	135	114	117	100	108	86	67	72	103	82	94
6	J H - 11693	93	74	119	138	107	111	93	105	75	67	72	107	80	98
7	B H - 40707	85	68	99	113	93	87	88	90	80	72	65	97	79	87
8	B H - 40708	98	78	100	130	105	114	87	102	97	45	72	108	81	95
9	B H - 40709	93	82	113	142	105	108	105	107	93	60	87	102	86	101
10	B H - 40710	73	63	77	111	91	89	77	83	87	33	42	100	65	78
11	B H - 40711	83	70	89	111	116	102	102	96	77	49	72	93	73	89
12	B H - 40712	92	89	105	125	109	108	103	104	85	60	68	110	81	94
13	B H - 40713	87	84	99	138	106	111	87	102	87	48	90	103	82	98
14	B H - 40714	87	73	103	118	93	96	112	97	103	45	67	105	80	90
15	V E H - 3017	83	69	92	113	84	92	82	88	82	59	67	95	76	83
16	A H - 511	78	92	91	113	98	101	102	96	90	59	78	95	81	90
17	C - 555	82	67	101	119	90	102	78	91	77	56	61	95	72	90
18	KAVERI-2288 SUPER	83	63	90	107	93	93	73	86	83	52	48	92	69	84
19	KAVERI - 50	77	78	96	106	94	101	70	89	85	49	68	92	74	85
20	M M - 8255	77	71	96	120	96	101	102	94	85	54	72	95	76	86
21	X 6B 269	82	80	88	122	99	108	95	96	100	51	70	100	80	91
22	X 6B 271	73	69	86	110	97	101	80	88	72	34	52	95	63	83
23	SINDHU - 333	75	81	100	118	99	103	85	94	87	68	62	97	78	88
24	AMAR - 555	75	69	92	116	97	91	97	91	110	50	72	97	82	90
25	O M - 7676	77	75	95	109	99	100	92	92	98	56	72	90	79	88

TABLE NO 1 (CONT.)

S1 No PEDIGREE	EAR HEIGHT (cm)										ZN 4		ZN 5		OV'L MEAN
	HYDE	KARI	ARSH	BANG BAYE	MAND	COIM	KOLH	MEAN	UDAI	BANS	GODH	CHHI	MEAN	OV'L	
26 HYTECH'S HTCH-5101	85	68	90	102	97	102	103	92	92	61	55	88	74	87	
27 P R O - 372	88	73	89	118	97	105	90	94	97	66	62	100	81	90	
28 P R O - 373	80	58	89	119	96	98	87	89	80	56	62	103	75	84	
29 C.P. 808	72	63	99	126	96	108	105	95	98	61	62	107	82	92	
30 C.P. 818	97	85	110	143	111	108	107	109	103	63	92	123	95	104	
31 M 01 - 062	83	72	98	128	97	96	98	96	70	37	72	95	68	90	
32 M 01 - 825	97	67	107	142	111	114	100	105	102	62	87	112	91	97	
33 G K - 3018	63	69	91	125	98	103	92	91	88	65	82	93	82	89	
34 G K - 3055	88	87	87	117	92	94	103	96	87	65	62	102	79	89	
35 G K - 3056	73	66	89	113	93	84	85	86	83	55	67	97	75	88	
36 MDMH - 101	82	76	106	123	99	108	92	98	90	67	62	108	82	91	
37 C.P. 848	87	75	97	136	106	108	90	100	82	55	78	105	80	94	
38 X - 610	67	74	88	112	103	93	100	91	72	54	77	93	74	85	
39 X - 640	75	73	102	105	109	96	87	92	85	56	75	100	79	88	
40 M C H - 36	73	70	83	125	87	102	82	89	82	81	73	90	82	87	
CHECKS:															
41 SEEDTEC - 2324	80	64	95	124	107	99	88	94	87	72	83	100	86	92	
42 BIO - 9681	80	69	89	108	95	102	98	92	88	52	77	87	76	88	
43 PRO - 311	77	75	94	123	95	102	97	95	87	38	57	112	73	90	
44 PARBHAT	97	85	114	132	126	108	93	108	110	56	68	115	87	100	
MEAN LOCATION															
C.D. AT 5%	17.8	16.8	10.4	13.4	16.2	7.3	24.9	15.3	6.4	5.0	5.0	16.0	8.1	-	
C.V. %	13.2	13.7	6.6	6.8	9.9	4.4	16.4	-	4.4	5.4	4.3	9.8	-	-	
F (Prob)	.002	.000	.000	.000	.000	.000	.163	-	.000	.000	.004	.000	-	-	

4

1

4

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	GRAIN SHELLING %										ZN 2 MEAN	ZN 3 MEAN
		BAJA	LU DH	KARN	PANC	PANT	KANP	GORA BELI	VARA	JASH			
1	J H - 11137	82.0	81.5	79.4	76.0	84.2	74.0	79.0	72.9	72.3	78.4	74.5	
2	J H - 11180	87.0	80.3	81.8	80.0	84.3	72.5	79.8	75.9	76.8	77.6	76.8	
3	J H - 11422	87.6	80.8	77.5	80.0	86.3	74.0	79.7	71.9	80.3	79.4	77.2	
4	J H - 11433	84.3	85.9	82.9	82.0	86.2	74.5	82.3	73.3	78.8	80.5	77.5	
5	J H - 11449	83.7	82.0	83.6	85.5	84.3	73.0	81.7	74.1	82.8	80.0	79.0	
6	J H - 11693	79.2	72.9	84.4	76.5	83.4	73.0	78.0	71.1	73.0	78.3	74.1	
7	B H - 40707	84.6	73.3	79.5	78.0	86.0	72.5	77.9	75.6	80.8	80.0	78.8	
8	B H - 40708	81.3	77.8	83.9	82.2	82.6	72.0	79.7	75.6	75.5	80.4	77.2	
9	B H - 40709	84.0	78.8	79.7	76.8	83.4	75.5	78.8	73.9	80.0	79.8	77.9	
10	B H - 40710	78.1	84.4	83.6	80.2	82.6	73.0	80.8	73.2	78.8	79.9	77.3	
11	B H - 40711	82.7	71.9	79.3	78.0	84.0	74.5	77.5	71.9	75.5	78.8	75.4	
12	B H - 40712	82.9	75.0	82.9	82.2	83.5	73.5	79.4	72.8	77.3	77.1	75.7	
13	B H - 40713	82.1	80.4	83.1	80.0	83.2	75.0	80.3	75.7	83.3	79.7	79.5	
14	B H - 40714	82.1	81.5	75.8	77.8	84.3	71.5	78.2	71.5	77.5	77.9	75.6	
15	V E H - 3017	82.2	80.0	84.2	84.0	83.5	75.5	81.4	75.8	79.3	79.4	78.2	
16	A H - 511	81.6	80.0	79.7	80.0	85.0	71.5	79.2	71.2	76.0	80.5	75.9	
17	C - 555	82.5	70.0	76.6	80.1	84.6	72.5	76.8	75.7	77.3	79.4	77.4	
18	KAVERI-2288 SUPER	87.4	69.2	85.2	80.4	82.6	75.5	78.6	72.6	78.3	79.3	76.7	
19	KAVERI - 50	83.3	80.4	83.1	80.5	83.6	76.5	80.8	75.9	81.5	79.0	78.8	
20	M M - 8255	81.2	83.0	78.2	80.1	83.4	75.0	79.9	72.3	78.5	77.3	76.1	
21	X 6B 269	84.9	80.0	84.7	79.2	82.3	71.0	79.4	78.8	75.8	78.4	77.7	
22	X 6B 271	81.3	79.2	84.9	80.0	84.2	75.5	80.7	77.3	75.8	79.2	77.4	
23	SINDHU - 333	83.9	79.2	81.5	84.0	84.2	74.0	80.6	71.4	80.5	79.1	77.0	
24	AMAR - 555	82.8	76.7	83.6	80.0	84.3	74.0	79.7	74.3	76.5	78.3	76.4	
25	O M - 7676	83.2	77.8	88.2	80.0	84.6	76.5	81.4	71.3	78.8	79.2	76.4	

TABLE NO 1 (CONT.)

S1 NO PEDIGREE	GRAIN SHELLING %										ZN 3 MEAN
	BAJA	LU DH	KARN	PANC	PANT	KANP	ZN 2 MEAN	GORA BELI	VARA	JASH	
26 HYTECH'S HTCH-5101	84.0	84.6	85.6	78.0	84.3	70.5	80.6	75.6	82.3	79.7	79.2
27 P R O - 372	81.7	81.8	83.1	81.1	83.5	74.5	80.8	71.6	73.5	77.9	74.3
28 P R O - 373	83.5	79.3	82.7	80.0	83.3	74.5	80.0	73.5	75.8	78.8	76.0
29 C.P. 808	80.9	81.3	83.3	80.0	84.3	72.5	80.3	74.3	79.0	78.2	77.1
30 C.P. 818	82.5	73.3	77.4	79.9	82.3	74.5	77.5	75.8	76.3	77.9	76.7
31 M 01 - 062	81.6	77.5	81.6	82.2	82.8	74.5	79.7	74.3	74.8	77.2	75.4
32 M 01 - 825	82.2	83.3	76.9	82.0	83.5	72.0	79.5	75.3	80.0	78.8	78.0
33 G K - 3018	82.7	80.8	82.2	80.0	86.3	74.5	80.8	71.9	81.5	79.7	77.7
34 G K - 3055	83.8	82.4	83.7	85.5	82.5	74.5	81.7	73.6	82.0	79.1	78.2
35 G K - 3056	84.2	76.5	76.4	78.0	83.4	72.5	77.4	76.1	76.0	79.6	77.2
36 MDMH - 101	79.8	88.1	77.3	82.3	83.6	71.5	80.6	77.1	75.3	78.3	76.9
37 C.P. 848	82.5	79.4	83.9	80.0	83.6	75.5	80.5	70.7	75.3	77.8	74.6
38 X - 610	86.2	76.7	82.4	80.0	83.6	76.0	79.7	73.2	80.0	77.7	76.9
39 X - 640	82.1	75.0	81.1	80.0	84.3	73.5	78.8	78.9	75.3	78.5	77.5
40 M C H - 36	67.8	79.6	79.3	81.0	83.4	76.5	80.0	74.4	79.3	79.3	77.6
CHECKS:											
41 SEEDTEC - 2324	82.5	76.3	82.3	76.6	85.0	75.5	79.1	73.8	78.0	79.3	77.0
42 BIO - 9681	84.2	71.4	87.1	82.2	82.4	74.5	79.5	72.3	78.5	76.7	75.8
43 PRO - 311	78.9	75.5	81.0	80.5	85.0	73.0	79.0	74.4	76.0	76.8	75.7
44 PARBHAT	80.3	79.2	79.0	84.2	83.6	76.0	80.4	72.3	75.0	78.8	75.4
MEAN LOCATION											
C.D. AT 5%	6.7	0.0	8.4	0.0	0.0	2.7	2.2	2.0	1.6	1.1	1.6
C.V. %	5.0	0.0	6.3	0.0	0.0	2.2	-	1.7	1.3	0.9	-
F (Prob)	.028	-	.000	-	-	.466	-	.000	.000	.000	-

48

48

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	GRAIN SHELLING %											OV'L MEAN	
		HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH	CHHI		ZN 5 MEAN
1	J H - 11137	79.5	73.3	81.1	73.2	78.7	73.9	76.6	70.9	70.9	76.8	77.9	74.1	76.7
2	J H - 11180	71.0	76.5	80.9	78.4	80.3	80.3	77.9	83.4	69.7	77.5	83.8	78.6	78.8
3	J H - 11422	74.8	80.5	84.2	82.2	77.9	84.8	80.7	79.3	79.3	73.9	81.7	78.5	79.8
4	J H - 11433	70.9	78.4	86.0	76.0	83.9	82.5	79.6	83.5	70.1	78.9	80.3	78.2	79.9
5	J H - 11449	71.8	79.6	82.6	82.9	77.7	82.0	79.4	80.9	75.2	68.3	68.3	73.2	78.8
6	J H - 11693	74.0	78.0	78.1	76.6	82.8	79.9	78.2	79.8	73.6	67.7	81.7	75.7	77.1
7	B H - 40707	77.0	84.3	85.0	76.5	80.8	82.7	81.1	80.9	70.8	78.5	77.5	76.9	79.2
8	B H - 40708	72.3	81.0	83.6	82.0	75.3	82.1	79.4	78.9	71.5	70.7	81.9	75.8	78.5
9	B H - 40709	73.5	83.1	84.1	76.2	81.3	83.3	80.2	75.5	78.6	67.9	81.7	75.9	78.8
10	B H - 40710	72.3	84.0	84.0	75.1	79.2	82.6	79.5	78.4	67.8	67.9	86.7	75.2	78.5
11	B H - 40711	72.5	80.0	80.3	77.3	80.3	70.2	76.8	86.2	75.8	63.3	84.1	77.4	77.2
12	B H - 40712	75.5	78.9	81.7	79.1	77.2	77.3	78.3	83.0	72.0	73.9	77.5	76.6	78.1
13	B H - 40713	72.5	80.9	81.8	80.7	82.4	83.6	80.3	87.3	67.7	74.2	70.8	75.0	79.2
14	B H - 40714	74.5	81.7	82.9	83.5	78.3	79.2	80.0	79.8	77.0	80.6	86.7	81.0	79.2
15	V E H - 3017	73.3	82.0	83.1	81.0	82.1	76.6	79.7	86.1	69.6	73.9	71.6	75.3	79.1
16	A H - 511	68.0	84.1	84.0	80.5	73.9	83.6	79.0	79.6	77.9	81.7	77.3	79.1	78.7
17	C - 555	71.0	79.8	84.1	78.3	79.6	80.2	78.8	78.9	74.2	78.9	70.8	75.7	77.6
18	KAVERI-2288 SUPER	74.5	82.4	83.3	77.7	81.5	82.9	80.4	76.1	72.9	73.9	81.7	76.1	78.8
19	KAVERI - 50	76.3	83.5	83.9	75.5	83.9	81.6	80.8	78.9	75.5	79.5	82.8	79.2	80.3
20	M M - 8255	73.5	78.9	83.0	77.7	83.8	84.0	80.1	83.0	76.9	69.6	81.7	77.8	79.0
21	X 6B 269	73.0	76.9	83.2	80.9	74.0	80.4	78.1	80.1	70.4	81.3	81.7	78.3	78.8
22	X 6B 271	77.9	82.3	82.6	77.8	76.9	81.5	79.8	84.2	79.5	74.3	70.8	77.2	79.2
23	SINDHU - 333	72.0	80.6	84.7	83.4	81.8	80.0	80.4	67.2	78.2	67.9	80.0	73.3	78.6
24	AMAR - 555	75.0	80.6	82.1	77.3	82.3	80.7	79.7	74.3	71.3	68.3	76.3	72.6	77.8
25	O M - 7676	71.0	81.1	84.1	80.9	84.1	84.8	81.0	68.2	80.6	78.9	83.8	77.8	79.8

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	GRAIN SHELLING %											ZN 5 MEAN	OV' L MEAN
		HYDE	KARI	ARBH	MAND	COIM	KOLH	ZN 4 MEAN	UDAI	BANS	GODH	CHHI		
26	HYTECH'S HTCH-5101	79.3	81.8	86.9	77.5	82.3	83.2	81.8	68.2	76.3	57.3	69.7	67.8	78.3
27	P R O - 372	75.5	80.6	84.6	79.2	81.2	78.2	79.9	74.9	73.5	78.5	77.5	76.1	78.5
28	P R O - 373	76.3	74.1	81.2	77.8	80.1	77.7	77.9	71.9	78.7	81.7	70.8	75.8	78.0
29	C.P. 808	76.3	83.1	80.0	78.1	80.5	79.0	79.5	78.9	70.6	56.3	81.7	71.9	77.8
30	C.P. 818	72.3	79.1	79.9	79.8	82.0	83.0	79.4	80.2	75.2	74.4	77.5	76.8	78.1
31	M 01 - 062	75.3	80.3	78.4	75.2	79.8	80.1	78.2	73.8	76.6	72.1	85.0	76.9	78.1
32	M 01 - 825	76.5	84.0	80.2	79.9	80.4	79.2	80.0	84.2	68.5	73.5	84.9	77.8	79.2
33	G K - 3018	72.5	83.0	84.2	79.2	80.5	80.8	80.0	83.3	71.6	82.7	84.3	80.5	80.1
34	G K - 3055	79.3	76.0	83.2	81.5	84.4	77.3	80.3	80.8	77.4	77.5	83.0	79.7	80.4
35	G K - 3056	75.5	84.3	82.9	79.1	79.0	77.7	79.7	80.5	73.4	81.7	79.2	78.7	78.7
36	MDMH - 101	77.0	78.3	81.3	77.1	84.4	74.6	78.8	83.4	78.0	72.1	77.3	77.7	78.8
37	C.P. 848	76.0	79.1	79.3	78.3	79.5	78.7	78.5	80.9	70.0	67.9	83.8	75.6	78.0
38	X - 610	69.8	82.5	84.8	81.5	80.6	82.6	80.3	78.5	78.4	67.9	83.3	77.0	79.2
39	X - 640	69.5	76.0	82.5	77.6	80.9	80.9	77.9	76.4	68.7	69.6	81.7	74.1	77.5
40	M C H - 36	72.8	80.8	81.9	77.5	82.0	77.2	78.7	63.9	77.0	69.7	85.3	74.0	77.3
CHECKS:														
41	SEEDTEC - 2324	74.8	81.7	83.6	79.5	69.9	82.9	78.7	77.1	80.9	80.0	85.3	80.8	79.2
42	BIO - 9681	73.8	78.3	83.4	79.8	79.9	85.1	80.0	73.7	73.2	81.7	75.0	75.9	78.6
43	PRO - 311	75.8	76.0	81.2	75.8	81.3	76.6	77.8	78.1	71.0	71.0	81.3	75.3	77.3
44	PARBHAT	74.3	76.4	82.6	76.7	82.7	81.9	79.1	83.6	70.3	67.9	79.2	75.2	78.1
MEAN LOCATION														
	C.D. AT 5% =	3.0	2.3	1.4	5.2	0.7	3.8	2.7	0.6	1.6	2.5	6.2	2.7	-
	C.V. % =	2.5	1.8	1.0	4.1	0.5	2.9	-	0.5	1.3	2.1	4.8	-	-
	F (Prob)	.000	.000	.000	.000	.000	.000	-	.022	.000	.000	.000	-	-

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	STAND AT HARVEST					GORA					
		BAJA	BARA	DMRD	LUDH	KARN	PANC	PANT	KANP	BELI	VARA	JASH
1	J H - 11137	28	30	38	39	31	22	34	36	27	37	29
2	J H - 11180	30	28	36	38	25	20	35	34	31	38	29
3	J H - 11422	32	24	38	39	27	26	34	35	27	39	29
4	J H - 11433	32	29	35	38	31	23	34	38	32	37	31
5	J H - 11449	29	29	33	37	31	24	32	36	31	35	33
6	J H - 11693	33	27	38	39	25	22	32	33	26	37	28
7	B H - 40707	30	24	36	39	26	18	35	38	30	35	29
8	B H - 40708	32	27	32	39	29	22	34	38	31	38	31
9	B H - 40709	30	25	38	40	29	24	33	36	24	39	31
10	B H - 40710	29	27	33	39	32	21	36	38	27	38	31
11	B H - 40711	29	27	36	38	28	25	36	37	24	39	30
12	B H - 40712	30	26	35	38	32	21	31	37	26	38	28
13	B H - 40713	28	26	36	37	31	21	34	36	29	37	28
14	B H - 40714	32	28	36	36	31	24	28	36	25	37	32
15	V E H - 3017	30	26	30	36	30	22	33	36	26	37	29
16	A H - 511	27	26	36	39	29	16	36	35	30	38	30
17	C - 555	30	26	30	38	29	20	33	36	28	37	29
18	KAVERI-2288 SUPER	29	29	35	37	33	24	35	39	29	37	30
19	KAVERI - 50	31	29	37	41	29	19	34	35	29	39	29
20	M M - 8255	30	27	38	40	26	22	32	34	25	37	31
21	X 6B 269	30	31	35	40	31	21	36	36	28	39	32
22	X 6B 271	31	26	34	38	30	21	33	34	32	38	29
23	SINDHU - 333	30	27	37	40	29	24	31	38	28	37	32
24	AMAR - 555	29	24	37	36	32	21	31	36	26	38	30
25	O M - 7676	34	23	32	39	27	25	35	35	23	36	30

TABLE NO 1 (CONT.)

SI	NO PEDIGREE	STAND AT HARVEST										GORA					
		BAJA	BARA	DMRD	LUDH	KARN	PANC	PANT	KANP	BELI	VARA	JASH					
			MEGH	DELH													
26	HYTECH'S HTCH-5101	30	28	39	40	30	23	36	37	31	36	28					
27	P R O - 372	32	24	35	40	31	24	35	35	27	39	29					
28	P R O - 373	34	27	38	41	29	24	34	38	26	37	29					
29	C.P. 808	26	28	37	36	30	21	34	35	25	36	29					
30	C.P. 818	28	27	37	38	30	18	34	36	23	38	31					
31	M 01 - 062	32	24	37	39	29	24	32	36	26	36	29					
32	M 01 - 825	27	27	36	38	30	23	33	35	15	38	30					
33	G K - 3018	27	28	35	41	28	19	33	35	25	38	32					
34	G K - 3055	28	27	36	38	28	15	34	36	23	38	30					
35	G K - 3056	27	29	35	40	31	23	35	35	25	36	30					
36	MDMH - 101	27	30	37	39	32	23	32	35	30	37	31					
37	C.P. 848	31	26	34	38	30	21	29	36	25	38	29					
38	X - 610	30	29	37	37	34	22	36	36	31	38	30					
39	X - 640	32	27	38	38	28	23	34	38	31	38	29					
40	M C H - 36	31	29	38	39	30	24	33	38	26	39	32					
	CHECKS:																
41	SEEDTEC - 2324	29	26	35	38	32	25	37	36	30	38	28					
42	BIO - 9681	32	29	36	40	31	21	34	35	29	37	29					
43	PRO - 311	35	27	37	38	29	27	35	34	28	38	30					
44	PARBHAT	30	27	36	40	30	19	34	36	28	38	31					
	MEAN LOCATION	30	27	36	39	30	22	34	36	27	37	30					
	C.D. AT 5% =	4.1	5.3	2.2	3.5	4.8	5.3	5.3	2.0	4.7	1.8	2.8					
	C.V. % =	8.4	12.1	3.8	5.6	10.1	15.0	9.7	3.4	10.6	2.9	5.7					
	F (Prob)	.004	.748	.000	.272	.134	.010	.473	.000	.000	.000	.031					

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	STAND AT HARVEST										OV'L MEAN	
		HYDE	KARI	ARBH	BANG BAYE	MAND	COIM	KOLH	UDAI	BANS	GODH		CHHI
1	J H - 11137	30	27	34	34	36	28	29	26	27	28	39	31
2	J H - 11180	27	34	33	33	34	25	32	35	28	25	35	31
3	J H - 11422	35	33	31	33	33	28	30	27	28	30	38	32
4	J H - 11433	30	29	31	33	33	25	28	39	28	31	30	32
5	J H - 11449	32	35	31	33	32	31	33	28	28	31	36	32
6	J H - 11693	35	31	36	30	33	27	32	31	27	29	37	31
7	B H - 40707	32	28	33	33	36	28	27	30	29	22	37	31
8	B H - 40708	36	33	34	33	33	26	30	31	28	33	38	32
9	B H - 40709	33	31	35	33	35	30	33	30	27	29	38	32
10	B H - 40710	30	31	22	33	32	27	31	35	27	24	36	31
11	B H - 40711	33	27	31	33	33	29	31	30	27	34	37	32
12	B H - 40712	37	30	34	32	33	26	30	34	26	29	37	31
13	B H - 40713	35	32	30	33	34	26	35	32	27	35	36	32
14	B H - 40714	31	27	29	34	35	24	33	33	30	25	37	31
15	V E H - 3017	31	36	27	32	28	25	31	32	25	19	31	30
16	A H - 511	30	34	26	32	31	30	39	38	29	33	36	32
17	C - 555	30	32	33	33	30	24	37	26	29	37	39	31
18	KAVERI-2288 SUPER	28	24	28	32	31	24	29	27	28	25	35	30
19	KAVERI - 50	36	30	32	33	34	26	29	32	28	28	38	32
20	M M - 8255	34	31	33	31	32	29	30	33	29	30	38	31
21	X 6B 269	29	29	28	32	34	29	35	36	28	40	36	32
22	X 6B 271	32	29	24	33	30	26	23	31	29	36	36	31
23	SINDHU - 333	36	34	35	33	34	29	29	26	29	29	36	32
24	AMAR - 555	31	30	31	33	31	26	32	28	28	24	26	30
25	O M - 7676	37	23	34	33	33	29	33	29	29	30	36	31

TABLE NO 1 (CONT.)

SI	NO PEDIGREE	STAND AT HARVEST										OV'L MEAN	
		HYDE	KARI	ARBH	BANG BAYE	MAND	COIM	KOLH	UDAI	BANS	GODH		CHHI
26	HYTECH'S HTCH-5101	36	30	34	33	32	28	28	31	30	20	39	32
27	P R O - 372	36	26	36	33	33	27	33	34	29	34	39	32
28	P R O - 373	32	29	32	33	32	32	31	31	28	28	38	32
29	C.P. 808	34	30	29	33	32	27	32	28	28	22	32	30
30	C.P. 818	32	25	31	33	34	28	35	32	29	32	36	31
31	M 01 - 062	34	31	23	33	32	25	32	34	28	28	25	30
32	M 01 - 825	32	33	18	34	33	28	28	31	28	18	38	30
33	G K - 3018	34	21	30	34	31	31	37	27	27	34	38	31
34	G K - 3055	31	31	31	34	32	25	34	32	29	24	37	31
35	G K - 3056	36	32	28	33	29	27	24	29	29	28	38	31
36	MDMH - 101	37	32	37	34	35	29	33	35	29	33	38	33
37	C.P. 848	32	29	29	32	33	28	32	29	27	25	37	31
38	X - 610	39	37	36	34	34	29	34	35	28	37	37	34
39	X - 640	31	35	34	32	30	26	33	31	27	31	38	32
40	M C H - 36	35	25	31	33	33	33	37	25	29	27	39	32
CHECKS:													
41	SEEDTEC - 2324	30	32	34	30	32	27	35	32	30	30	36	32
42	BIO - 9681	31	29	24	34	28	26	26	30	29	26	37	31
43	PRO - 311	35	32	34	33	34	26	31	31	28	33	38	33
44	PARBHAT	32	33	29	32	30	25	26	29	26	26	27	30
MEAN LOCATION													
	C.D. AT 5%	5.0	5.7	7.3	2.6	4.3	6.2	9.0	3.5	2.8	7.9	7.2	-
	C.V. %	9.3	11.6	14.5	5.0	8.2	14.0	17.7	7.0	6.3	16.8	12.3	-
	F (Prob)	.000	.000	.000	.620	.102	.510	.329	.000	.505	.000	.018	-

TABLE NO. 2

PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT BAJAURA, KANGRA, BARAPANI MEGHALAYA, DMRD DELHI, LUDHIANA, KARNAL, PANCHKULA, PANTNAGAR, KANPUR, BELIPAR GORAKHPUR, VARANASI, RANCHI, JASHIPUR, AMBIKAPUR, HYDERABAD, KARIMNAGAR, ARBHAVI, MANDYA, KOLHAPUR, UDALPUR, BANSWARA, GODHRA, CHHINDWARA IN IET, TRIAL NO. TR62 DURING KHARIF (2007)

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE										ZN 1		ZN 2									
		BAJA	R	KANG	R	BARA	R	MEAN	R	DMRD	R	DELH	KARN	R	PANC	R	PANT	R	KANP	R	MEAN	R	
1	E H - 1810	5942	13	5427	34	2530	2	4633	18	4825	12	6376	20	8033	14	4077	24	4347	17	7641	16	5883	15
2	E H - 1820	5249	22	5961	16	2370	10	4527	21	3800	21	4315	31	6084	30	4000	26	4041	29	7673	14	4986	31
3	L - 183	5537	20	6177	13	2479	6	4731	11	3192	34	4156	33	5469	34	3881	27	4353	16	6378	32	4572	35
4	E H B - 1579	6244	10	5799	25	2505	5	4849	7	3242	32	5351	24	6783	25	3671	32	4423	15	7240	26	5118	30
5	K M H - 22168	4549	28	5967	22	2267	18	4228	31	3433	31	6723	18	6977	22	4439	6	4470	11	6948	29	5498	23
6	HYB R - 2006 - 2	4323	31	6484	4	2315	13	4374	29	3720	24	6574	19	7059	19	4080	23	4483	10	6282	35	5366	25
7	J H - 31153	7426	1	5930	18	2397	8	5251	1	6040	3	7806	14	8223	13	4261	13	4884	2	6319	34	6256	11
8	J H - 11320	6830	4	5884	21	2176	27	4963	5	4944	10	8224	12	8809	5	4284	11	3945	31	8104	8	6385	9
9	J H - 11508	4833	26	5431	33	2193	26	4152	32	6836	2	11415	4	11224	1	3713	31	4274	21	7214	27	7446	1
10	J H - 11535	5402	21	6044	15	2478	7	4641	17	5263	9	11391	5	8362	9	4123	22	4213	24	7639	17	6832	4
11	B H - 40625	3817	34	7009	1	2631	1	4486	25	5394	5	10654	6	9055	3	4458	5	4826	3	8136	7	7087	3
12	B H - 40702	3799	35	6181	12	2200	23	4060	33	5660	4	10631	7	8670	7	4142	21	3638	35	7527	20	6712	6
13	B H - 40703	5883	15	6256	8	1962	31	4700	13	4833	11	7783	15	6989	21	4542	1	4589	7	8736	2	6245	12
14	B H - 40704	7009	3	6083	14	1956	32	5016	4	6968	1	11557	3	8295	10	4484	3	3982	30	8086	9	7229	2
15	B H - 40705	5841	16	5888	20	2199	24	4643	16	3713	25	11713	2	7453	16	4373	8	4432	14	8439	4	6687	7
16	B H - 40706	6370	9	5645	31	2032	30	4682	15	5269	8	4695	29	7688	15	4238	15	3935	32	6863	31	5448	24
17	K D M - 322	5893	14	5696	28	1943	33	4511	23	3533	29	3670	34	5558	33	3501	34	4314	20	7810	13	4731	34
18	K D M - 438	4534	29	6222	9	2525	3	4427	27	3542	28	3604	35	5613	32	4181	18	4082	27	8193	6	4869	33
19	A H - 503	4194	32	6283	7	2296	15	4258	30	3164	35	4904	27	7026	20	3820	30	4449	13	7629	18	5165	28
20	A H - 504	5159	23	5834	23	2274	17	4422	28	5361	6	5184	26	7099	18	3834	29	4339	18	8262	5	5680	18
21	A H - 505	4960	25	6643	2	1909	34	4504	24	3769	22	4203	22	6752	26	4061	25	4548	8	7592	19	5154	29
22	A H - 507	3971	33	6198	11	1753	35	3974	34	3991	19	5442	32	5987	31	4194	17	4069	28	7834	12	5253	26
23	A H - 510	4812	27	6213	10	2296	16	4441	26	4666	13	4728	28	5324	35	4258	14	4670	5	7389	23	5172	27
24	H K H - 300M	6389	7	5942	17	2244	19	4858	6	3196	33	4446	30	6496	28	4465	4	3895	34	7246	25	4957	32

TABLE NO. 2 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE										ZN 1		ZN 2									
		BAJA	R	KANG	R	BARA	R	DMRD	R	LUDH	R	KARN	R	PANC	R	PANT	R	KANP	R	MEAN	R		
25	KAVERI - 218	5627	19	5804	24	2384	9	4605	20	4574	15	9100	8	9309	2	3879	28	4175	25	8447	3	6580	8
26	EURO - 1201	5063	24	6563	3	2202	22	4609	19	4244	16	5350	25	8259	11	4422	7	4253	22	7392	22	5653	20
27	K D M H - 1001	5697	5	6389	5	2521	4	5202	2	4015	18	8557	10	8235	12	4519	2	3925	33	7901	10	6192	13
28	C.P. 828	7297	2	5645	30	2299	14	5081	3	4031	17	8586	9	8702	6	3319	35	4462	12	8973	1	6345	10
29	C.P. 838	5650	18	6285	6	2198	25	4711	12	5277	7	12796	1	7285	17	4152	20	4523	9	6343	33	6729	5
30	X - 789	6041	12	5656	29	2353	11	4683	14	3805	20	7306	17	8956	4	4214	16	4326	19	7656	15	6044	14
31	P H S - 26	5238	11	5890	19	2210	21	4779	9	3753	23	8239	11	6280	29	3640	33	4707	4	7333	24	5659	19
32	HYBRID MAIZE C-302	5685	17	5552	32	2316	12	4518	22	3507	30	5440	23	8401	8	4325	10	4614	6	7878	11	5694	17
33	HYBRID MAIZE SAKTHI	6472	6	5735	26	2217	20	4808	8	3577	26	7846	13	6803	24	4280	12	4990	1	7180	28	5779	16
CHECKS:																							
34	BIO- 9637	6373	8	5729	27	2174	28	4758	10	3577	27	7696	16	6937	23	4179	19	4116	26	6912	30	5570	21
35	NAVJOT	4410	30	5383	35	2096	29	3963	35	4665	14	6044	21	6671	27	4351	9	4220	23	7422	21	5562	22
	MEAN YIELD=	5558		5992		2254		4601		4382		7214		7453		4125		4329		7560		5844	
	MEAN STAND	30		24		24		26		33		37		29		20		35		36		32	
	C.D. AT 5%	1285		656		353		765		867		1230		1174		918		921		1024		1022	
	C.V. %	14.20		6.73		9.62		-		12.14		10.46		9.67		13.66		13.06		8.31		-	
	F (Prob)	.000		.000		.736		-		.000		.000		.000		.254		.874		.000		-	
	PLOT SIZE=	4.80		3.60		6.00		-		6.00		4.80		5.60		6.00		6.00		4.80		-	
AGRONOMY DATA:																							
	SOWING DATE(2007)	26-06		30-06		-		-		30-06		3-07		1-07		12-07		27-06		19-07		-	
	HARVEST DATE(2007)	9-10		29-09		-		-		10-10		17-10		1-10		15-10		27-10		26-10		-	
	IRRIGATION Nos	2		-		-		-		1		6		5		5		3		-		-	
	FERTILIZER APPLIED N	120		120		-		-		120		125		150		150		120		-		-	
	P	60		60		-		-		60		60		60		60		60		-		-	
	K	40		40		-		-		40		-		60		60		40		-		-	

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : DHOL 35.0% ; COIM 21.3%

TABLE NO. 2 (CONT.)

Sl	No PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE										ZN 3							
		BELI	VARA	RANC	JASH	R	AMBI	R	MEAN	R	HYDE		R	KARI	R	ARBH	R		
1	E H - 1810	2744	18	6433	17	3188	30	4393	27	3289	34	4009	28	4308	34	6312	10	6331	15
2	E H - 1820	3124	6	5665	25	3311	28	4051	31	3996	29	4029	27	6581	16	3420	33	5211	26
3	L - 183	2591	23	4732	31	4112	12	4234	30	3145	35	3763	33	4728	33	4805	26	6289	16
4	E H B - 1579	2240	34	4121	34	3369	26	4777	21	4613	21	3824	32	6808	13	5268	18	6267	17
5	K M H - 22168	2750	16	6035	22	3801	17	4914	16	5774	15	4655	18	4295	35	5056	23	4837	28
6	HYB R - 2006 - 2	2592	22	6068	21	3688	22	5068	13	3626	33	4208	25	5428	29	4487	28	5937	22
7	J H - 31153	3806	1	7573	7	4078	14	5387	8	6085	12	5386	3	5930	25	5182	22	8493	3
8	J H - 11320	2322	30	6527	16	4124	11	5816	3	6192	9	4996	10	7640	2	6919	4	9166	1
9	J H - 11508	2576	24	6398	19	3754	19	4703	25	6705	4	4827	16	6959	10	6808	5	6969	10
10	J H - 11535	3060	8	5871	23	2995	32	4375	28	5789	14	4418	23	7320	3	7627	2	6568	13
11	B H - 40625	2980	9	7103	12	3477	24	5965	1	6089	11	5123	9	7244	4	6636	7	6706	12
12	B H - 40702	2351	29	7437	9	4311	8	4903	19	6631	5	5126	8	6150	20	6551	8	7007	9
13	B H - 40703	2478	26	7460	8	3727	20	4906	17	6252	8	4965	12	5620	27	5618	13	5194	27
14	B H - 40704	3331	4	8839	4	3448	25	5932	2	4407	24	5192	7	5883	26	5909	12	6968	11
15	B H - 40705	2929	10	9597	1	2522	35	5536	7	4235	26	4954	13	7011	9	5194	20	6149	20
16	B H - 40706	3297	5	9259	2	4126	10	5240	10	6767	2	5738	2	6587	15	6264	11	7018	8
17	K D M - 322	2054	35	4436	33	4332	7	4295	29	4181	27	3859	31	6255	19	3705	31	4692	29
18	K D M - 438	2769	15	5037	30	3857	15	3901	33	4319	25	3977	29	6076	22	3605	32	4302	33
19	A H - 503	2893	11	5745	24	3755	18	3845	34	3939	31	4035	26	5421	30	3110	35	4308	32
20	A H - 504	2728	20	5460	26	4134	9	5312	9	4494	22	4426	22	6347	18	4910	24	6119	21
21	A H - 505	2284	32	3278	35	3320	27	3647	35	4165	28	3339	35	7150	7	4134	29	4690	30
22	A H - 507	2870	12	5053	29	3025	31	3991	32	3865	32	3761	34	5528	28	3417	34	4258	34
23	A H - 510	3072	7	7830	5	2837	33	4781	20	3976	30	4499	20	5376	31	3899	30	5234	25
24	H K H - 300M	2284	31	5426	27	3843	16	4955	15	4707	20	4243	24	5144	32	5273	17	4532	31

TABLE NO. 2 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												ZN 3					
		BELI	VARA	RANC	JASH	AMBI	R	MEAN	HYDE	KARI	R	ARBH	R						
25	KAVERI - 218	2856	13	7741	6	4416	5	5062	14	6403	6	5296	4	6876	12	5432	9	6242	19
26	EURO - 1201	2739	19	7288	10	3261	29	4731	23	6136	10	4831	15	5979	23	5529	14	5370	24
27	K D M H - 1001	2387	28	6783	14	2732	34	4905	18	5497	18	4461	21	6944	11	4859	25	7043	7
28	C.P. 828	3490	2	6865	13	4949	3	5662	4	5257	19	5245	6	7775	1	5291	15	8843	2
29	C.P. 838	3451	3	8982	3	4986	2	5567	6	6994	1	5996	1	7227	5	5262	19	6261	18
30	X - 789	2622	21	6723	15	4629	4	4737	22	6265	7	4995	11	7161	6	5721	6	7183	5
31	P H S - 26	2744	17	5065	28	4078	13	5651	5	5720	16	4652	19	5955	24	4552	27	6566	14
32	HYBRID MAIZE C-302	2397	27	6406	18	4344	6	4717	24	5640	17	4701	17	6514	17	5184	21	7181	6
33	HYBRID MAIZE SAKTHI	2850	14	6281	20	5458	1	5155	12	6731	3	5295	5	6653	14	7720	1	5485	23
CHECKS:																			
34	BIO- 9637	2260	33	7219	11	3645	23	5166	11	6002	13	4858	14	6089	21	7303	3	7603	4
35	NAVJOT	2545	25	4486	32	3709	21	4529	26	4463	23	3946	30	7050	8	5276	16	3972	35
	MEAN YIELD=	2756	27	6435	37	3810	27	4880	29	5210	28	4618	29	6286	34	5378	27	6143	32
	MEAN STAND	461	461	622	428	428	463	463	463	1379	1379	671	671	1754	1754	556	556	1490	1490
	C.D. AT 5% =	10.27	10.27	5.94	5.53	5.53	5.82	5.82	5.82	16.25	16.25	-	-	17.13	17.13	6.34	6.34	14.90	14.90
	C.V. % =	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.004	.004	.004	.004	.000	.000
	F (Prob)	4.80	4.80	4.80	5.60	5.60	4.80	4.80	4.80	6.00	6.00	-	-	6.00	6.00	6.00	6.00	6.00	6.00
AGRONOMY DATA:																			
	SOWING DATE (2007)	8-07	13-07	4-07	19-07	9-07	19-07	19-07	19-07	9-07	9-07	-	-	2-07	2-07	16-07	16-07	20-07	20-07
	HARVEST DATE (2007)	22-10	17-10	17-10	13-10	17-10	13-10	13-10	13-10	-	-	-	-	22-10	22-10	13-11	13-11	9-11	9-11
	IRRIGATION Nos	-	1	-	12	-	12	12	12	-	-	-	-	1	1	6	6	5	5
	FERTILIZER APPLIED N	150	100	100	120	100	120	120	120	100	100	-	-	120	120	120	120	150	150
	P	75	40	60	60	60	60	60	60	60	60	-	-	60	60	60	60	75	75
	K	60	40	40	60	40	60	60	60	40	40	-	-	40	40	40	40	38	38

TABLE NO. 2 (CONT.)

GRAIN YIELD (kg/ha) AT 15% MOISTURE

Sl NO PEDIGREE	ZN 4												OV'L					
	MAND	R	KOLH	R	MEAN	R	UDAI	R	BANS	R	GODH	R	CHHI	R	ZN 5 MEAN	R	OV'L MEAN	R
1 E H - 1810	4395	33	4892	10	5248	24	9286	1	2321	16	2902	13	10306	22	6204	6	5230	20
2 E H - 1820	4720	32	3544	31	4695	30	7585	2	1968	32	1444	33	9838	24	5209	21	4694	25
3 L - 183	6490	13	3795	29	5222	26	3971	28	2232	21	2355	20	7529	32	4022	28	4462	32
4 E H B - 1579	6351	14	6053	2	6149	12	4356	26	1952	33	1899	27	7649	31	3964	30	4825	23
5 K M H - 22168	5169	28	522	35	3976	35	2692	34	2500	9	1831	30	8645	26	3917	31	4543	30
6 HYB R - 2006 - 2	4965	29	4265	22	5016	28	4605	23	2029	31	2278	21	9869	23	4695	23	4792	24
7 J H - 31153	7452	4	4961	8	6404	7	6805	6	2038	30	4989	1	10529	17	6091	7	5939	5
8 J H - 11320	7621	3	6342	1	7538	1	6013	12	2409	11	2149	25	11466	14	5509	17	5996	4
9 J H - 11508	7112	6	4948	9	6559	5	6017	11	2742	3	4665	2	15306	2	7183	1	6209	2
10 J H - 11535	6773	9	5188	5	6695	2	3961	29	2415	10	1812	31	14378	4	5642	13	5785	9
11 B H - 40625	5743	21	4425	16	6151	11	6655	8	2404	12	2360	19	12445	10	5966	9	5922	6
12 B H - 40702	8125	2	4728	11	6512	6	4508	24	2315	17	2650	17	13423	6	5724	11	5806	8
13 B H - 40703	5811	18	4158	24	5280	22	6850	5	2332	15	3707	4	12439	11	6332	5	5571	14
14 B H - 40704	9865	1	4466	15	6618	3	7152	3	2220	22	3274	8	16085	1	7183	2	6356	1
15 B H - 40705	6906	8	3885	27	5829	15	5886	14	2244	19	2693	15	10804	15	5407	20	5637	12
16 B H - 40706	3914	35	4982	7	5753	16	5990	13	2141	27	3034	9	11502	13	5667	12	5515	17
17 K D M - 322	7092	7	4320	19	5213	27	4963	18	2125	28	3010	10	7982	29	4520	25	4581	29
18 K D M - 438	4738	31	4020	26	4548	33	3894	30	1507	35	2177	24	8500	28	4019	29	4400	33
19 A H - 503	4132	34	4356	17	4265	34	2907	33	2856	1	1717	32	6021	35	3375	35	4294	35
20 A H - 504	5358	25	3496	32	5246	25	5382	16	2192	24	2203	23	8832	25	4652	24	4970	22
21 A H - 505	5970	16	5620	3	5513	20	3972	27	2154	26	1267	34	7061	33	3614	34	4485	31
22 A H - 507	5216	26	4599	14	4604	32	2520	35	2334	14	1938	26	7823	30	3654	33	4342	34
23 A H - 510	5507	22	3229	34	4649	31	4643	21	2642	6	1833	29	8641	27	4440	26	4689	26
24 H K H - 300M	5382	24	4319	20	4930	29	3531	31	2264	18	1251	35	10419	20	4366	27	4680	27

TABLE NO. 2 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE										ZN 4		ZN 5		OV'L			
		MAND	R	KOLH	R	MEAN	R	UDAI	R	BANS	R	GODH	R	CHHI	R	MEAN	R	MEAN	R
25	KAVERI - 218	6529	11	3791	30	5974	14	7073	4	2157	25	2503	18	10483	19	5554	15	5733	11
26	EURO - 1201	6059	15	3466	33	5281	21	4749	19	2563	7	2702	14	10388	21	5100	22	5161	21
27	K D M H - 1001	7370	5	5085	6	6260	10	6289	9	2654	5	2942	11	13699	5	6396	4	5737	10
28	C.P.828	6633	10	4332	18	6575	4	6772	7	1653	34	2933	12	15100	3	6615	3	6038	3
29	C.P.838	5472	23	3877	28	5620	18	3161	32	2689	4	2686	16	13150	8	5422	19	5838	7
30	X - 789	4916	30	5505	4	6297	9	5755	15	2369	13	3411	7	10565	16	5525	16	5603	13
31	P H S - 26	6527	12	4065	25	5533	19	6049	10	2239	20	3706	5	11609	12	5901	10	5340	18
32	HYBRID MAIZE C-302	5195	27	4287	21	5672	17	4746	20	2121	29	2244	22	13192	7	5576	14	5299	19
33	HYBRID MAIZE SAKTHI	5789	19	4711	13	6072	13	4608	22	2763	2	4120	3	10500	18	5498	18	5562	15
CHECKS:																			
34	BIO- 9637	5769	20	4724	12	6297	8	5077	17	2521	8	3581	6	13106	9	6071	8	5555	16
35	NAVJOT	5849	17	4191	23	5268	23	4468	25	2214	23	1896	28	6793	34	3843	32	4639	28
	MEAN YIELD=	6026		4376		5642		5225		2294		2633		10745		5224		5264	
	MEAN STAND	31		37		32		32		26		28		35		30		30	
	C.D. AT 5%	1172		1597		1314		351		451		736		2521		1015		974	
	C.V. %	11.94		17.96		-		4.12		12.08		17.16		14.40		-		-	
	F (Prob)	.000		.000		.001		.000		.001		.000		.000		-		-	
	PLOT SIZE=	5.60		6.00		-		4.80		4.80		4.80		5.60		-		-	
AGRONOMY DATA:																			
	SOWING DATE(2007)	14-07		11-07		-		2-07		17-07		13-07		5-07		-		-	
	HARVEST DATE(2007)	21-11		26-11		-		15-10		26-10		26-10		21-10		-		-	
	IRRIGATION Nos	7		-		-		2		-		1		-		-		-	
	FERTILIZER APPLIED N	150		120		-		90		100		100		100		-		-	
	P	75		60		-		60		40		50		60		-		-	
	K	40		40		-		-		-		-		40		-		-	

TABLE NO. 2 (CONT.)

GRAIN YIELD & SUPERIORITY OVER THE BIO- 9637

Sl No	PEDIGREE	BAJA	KANG	MEGH BARA	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	KANP	ZN 2 MEAN
1	E H - 1810	-	-	16.39	-	34.89	-	15.79	-	5.60	10.55	5.63
2	E H - 1820	-	4.06	9.00	-	6.25	-	-	-	-	11.01	-
3	L - 183	-	7.83	14.03	-	-	-	-	-	5.76	-	-
4	E H B - 1579	-	1.22	15.22	1.90	-	-	-	-	7.45	4.74	-
5	K M H - 22168	-	2.42	4.28	-	-	-	0.58	6.21	8.58	0.53	-
6	HYB R - 2006 - 2	-	13.18	6.50	-	4.01	-	1.75	-	8.90	-	-
7	J H - 31153	16.53	3.51	10.25	10.35	68.88	1.43	18.54	1.95	18.66	-	12.32
8	J H - 11320	7.18	2.71	0.09	4.31	38.24	6.86	26.98	2.51	-	17.24	14.64
9	J H - 11508	-	-	0.88	-	91.13	48.32	61.79	-	3.83	4.37	33.69
10	J H - 11535	-	5.50	13.99	-	47.16	48.01	20.53	-	2.34	10.52	22.66
11	B H - 40625	-	22.35	21.03	-	50.80	38.43	30.52	6.66	17.24	17.71	27.24
12	B H - 40702	-	7.90	1.22	-	58.25	38.14	24.98	-	-	8.90	20.50
13	B H - 40703	-	9.20	-	-	35.12	1.13	0.75	8.66	11.49	26.39	12.13
14	B H - 40704	9.98	6.19	-	5.41	94.82	50.16	19.57	7.28	-	16.98	29.78
15	B H - 40705	-	2.78	1.17	-	3.80	52.19	7.43	4.64	7.68	22.09	20.06
16	B H - 40706	-	-	-	-	47.31	-	10.82	1.41	-	-	-
17	K D M - 322	-	-	-	-	-	-	-	-	4.80	13.00	-
18	K D M - 438	-	8.61	16.14	-	-	-	-	0.03	-	18.53	-
19	A H - 503	-	9.67	5.61	-	-	-	1.27	-	8.09	10.37	-
20	A H - 504	-	1.83	4.60	-	49.88	-	2.33	-	5.41	19.54	1.98
21	A H - 505	-	15.97	-	-	5.37	-	-	-	10.48	9.84	-
22	A H - 507	-	8.19	-	-	11.58	-	-	0.35	-	13.34	-
23	A H - 510	-	8.46	5.61	-	30.45	-	-	1.87	13.44	6.90	-
24	H K H - 300M	0.26	3.72	3.23	2.10	-	-	-	6.83	-	4.84	-
25	KAVERI - 218	-	1.31	9.64	-	27.89	18.24	34.19	-	1.42	22.20	18.15
26	EURO - 1201	-	14.56	1.27	-	18.65	-	19.05	5.81	3.32	6.94	1.50
27	K D M H - 1001	5.08	11.53	15.96	9.33	12.26	11.19	18.71	8.13	-	14.31	11.18
28	C.P.828	14.50	-	5.77	6.77	12.70	11.56	25.44	-	8.41	29.81	13.93
29	C.P.838	-	9.71	1.10	-	47.54	66.26	5.01	-	9.89	-	20.82
30	X - 789	-	-	8.22	-	6.39	-	29.10	0.83	5.09	10.76	8.51
31	P H S - 26	-	2.81	1.68	0.44	4.92	7.05	-	-	14.35	6.09	1.60
32	HYBRID MAIZE C-302	-	-	6.53	-	-	-	21.10	3.48	12.10	13.97	2.24
33	HYBRID MAIZE SAKTHI	1.56	0.11	1.96	1.04	0.01	1.95	-	2.42	21.22	3.87	3.76
CHECKS:												
34	BIO- 9637	-	-	-	-	-	-	-	4.10	2.52	-	-
35	NAVJOT	-	-	-	-	30.43	-	-	-	-	7.38	-

TABLE NO. 2 (CONT.)

S1 No PEDIGREE	GRAIN YIELD % SUPERIORITY OVER THE NAVJOT										ZN 2 MEAN
	BAJA	KANG	MEGH BARA	ZN 1 MEAN	DELH DMRD	LUDH	KARN	PANC	PANT	KANP	
1 E H - 1810	34.75	0.81	20.73	16.91	3.42	5.50	20.41	-	3.01	2.95	5.77
2 E H - 1820	19.03	10.73	13.07	14.22	-	-	-	-	-	3.38	-
3 L - 183	25.57	14.74	18.28	19.38	-	-	-	-	3.16	-	-
4 E H B - 1579	41.59	7.71	19.52	22.36	-	-	1.68	-	4.80	-	-
5 K M H - 22168	3.15	8.99	8.17	6.68	-	11.23	4.59	2.03	5.91	-	-
6 HYB R - 2006 - 2	-	20.44	10.47	10.37	-	8.78	5.81	-	6.22	-	-
7 J H - 31153	68.41	10.15	14.36	32.50	29.48	29.17	23.26	-	15.74	-	12.47
8 J H - 11320	54.89	9.30	3.83	25.25	5.99	36.07	32.04	-	-	9.18	14.79
9 J H - 11508	9.60	0.88	4.65	4.78	46.54	88.88	68.24	-	1.28	-	33.87
10 J H - 11535	22.50	12.27	18.24	17.12	12.83	88.48	25.34	-	-	2.92	22.83
11 B H - 40625	-	30.19	25.54	13.19	15.62	76.29	35.73	2.46	14.36	9.62	27.41
12 B H - 40702	-	14.82	4.99	2.46	21.33	75.91	29.97	-	-	1.41	20.66
13 B H - 40703	33.42	16.20	-	18.60	3.60	28.79	4.77	4.38	8.75	17.70	12.28
14 B H - 40704	58.94	13.00	-	26.58	49.37	91.22	24.34	3.06	-	8.94	29.96
15 B H - 40705	32.47	9.37	4.94	17.16	-	93.80	11.72	0.52	5.03	13.69	20.22
16 B H - 40706	44.45	4.86	-	18.15	12.95	-	15.24	-	-	-	-
17 K D M - 322	33.63	5.80	-	13.82	-	-	-	-	2.22	5.23	-
18 K D M - 438	2.82	15.57	20.47	11.71	-	-	-	-	-	10.38	-
19 A H - 503	-	16.71	9.55	7.44	-	-	5.31	-	5.43	2.78	-
20 A H - 504	17.01	8.37	8.50	11.59	14.91	-	6.41	-	2.82	11.32	2.12
21 A H - 505	12.48	23.40	-	13.66	-	-	1.21	-	7.76	2.29	-
22 A H - 507	-	15.13	-	0.28	-	-	-	-	-	5.55	-
23 A H - 510	9.14	15.41	9.55	12.05	0.02	-	-	-	10.65	-	-
24 H K H - 300M	44.89	10.37	7.08	22.59	-	-	-	2.63	-	-	-
25 KAVERI - 218	27.61	7.81	13.73	16.20	-	50.56	39.54	-	-	13.80	18.31
26 EURO - 1201	14.82	21.91	5.05	16.31	-	-	23.80	1.64	0.78	-	1.64
27 K D M H - 1001	51.87	18.68	20.29	31.27	-	41.59	23.44	3.87	-	6.45	11.33
28 C.P.828	65.48	4.87	9.72	28.20	-	42.06	30.44	-	5.74	20.89	14.08
29 C.P.838	28.14	16.75	4.87	18.88	13.12	111.72	9.19	-	7.19	-	20.98
30 X - 789	36.99	5.06	12.26	18.17	-	20.88	34.25	-	2.50	3.15	8.66
31 P H S - 26	41.46	9.41	5.48	20.60	-	36.32	-	-	11.54	-	1.74
32 HYBRID MAIZE C-302	28.93	3.13	10.50	14.00	-	-	25.93	-	9.34	6.14	2.37
33 HYBRID MAIZE SAKTHI	46.78	6.53	5.76	21.32	-	29.82	1.98	-	18.24	-	3.90
CHECKS:											
34 BIO- 9637	44.52	6.41	3.73	20.07	-	27.34	3.99	-	-	-	0.13
35 NAVJOT	-	-	-	-	-	-	-	-	-	-	-

45

TABLE NO. 2 (CONT.)

GRAIN YIELD & SUPERIORITY OVER THE NAVJOT

Sl No	PEDIGREE	MAND	KOLH	ZN 4		UDAI	BANS	GODH	CHHI	ZN 5 MEAN	OV'L MEAN
				MEAN	MEAN						
1	E H - 1810	-	16.72	-	107.82	4.83	53.05	51.72	61.44	12.74	
2	E H - 1820	-	-	-	69.75	-	-	44.83	35.54	1.17	
3	L - 183	10.96	-	-	-	0.84	24.18	10.84	4.66	-	
4	E H B - 1579	8.58	44.42	16.74	-	-	0.13	12.61	3.15	4.01	
5	K M H - 22168	-	-	-	-	12.95	-	27.27	1.94	-	
6	HYB R - 2006 - 2	-	-	-	3.06	-	20.14	45.28	22.18	3.30	
7	J H - 31153	27.41	18.36	21.57	52.30	-	163.13	55.01	58.50	28.02	
8	J H - 11320	30.30	51.32	43.09	34.56	8.82	13.34	68.80	43.37	29.24	
9	J H - 11508	21.59	18.06	24.52	34.66	23.85	146.04	125.33	86.91	33.82	
10	J H - 11535	15.81	23.78	27.10	-	9.08	-	111.67	46.81	24.69	
11	B H - 40625	-	5.58	16.77	48.94	8.59	24.43	83.21	55.25	27.65	
12	B H - 40702	38.93	12.80	23.63	0.89	4.56	39.76	97.61	48.96	25.15	
13	B H - 40703	-	-	0.24	53.30	5.32	95.51	83.12	64.77	20.07	
14	B H - 40704	68.67	6.56	25.64	60.05	0.30	72.64	136.79	86.91	37.01	
15	B H - 40705	18.08	-	10.66	31.73	1.36	42.03	59.06	40.70	21.50	
16	B H - 40706	-	18.87	9.21	34.05	-	60.00	69.32	47.46	18.89	
17	K D M - 322	21.26	3.06	-	11.07	-	58.71	17.51	17.62	-	
18	K D M - 438	-	-	-	-	-	14.79	25.14	4.60	-	
19	A H - 503	-	3.92	-	-	28.99	-	-	-	-	
20	A H - 504	-	-	-	20.44	-	16.20	30.03	21.07	7.13	
21	A H - 505	2.08	34.08	4.66	-	-	-	3.95	-	-	
22	A H - 507	-	9.73	-	-	5.45	2.19	15.17	-	-	
23	A H - 510	-	-	-	3.90	19.36	-	27.21	15.54	1.08	
24	H K H - 300M	-	3.05	-	-	2.29	-	53.38	13.62	0.89	
25	KAVERI - 218	11.63	-	13.41	58.29	-	32.00	54.33	44.53	23.58	
26	EURO - 1201	3.60	-	0.25	6.27	15.79	42.49	52.92	32.73	11.25	
27	K D M H - 1001	26.01	21.33	18.84	40.74	19.90	55.13	101.67	66.44	23.66	
28	C.P.828	13.41	3.35	24.81	51.56	-	54.65	122.30	72.13	30.15	
29	C.P.838	-	-	6.69	-	21.49	41.65	93.58	41.09	25.84	
30	X - 789	-	31.34	19.55	28.80	7.00	79.87	55.54	43.78	20.78	
31	P H S - 26	11.60	-	5.04	35.37	1.14	95.46	70.90	53.56	15.10	
32	HYBRID MAIZE C-302	-	2.28	7.68	6.20	-	18.36	94.21	45.10	14.23	
33	HYBRID MAIZE SAKTHI	-	12.41	15.26	3.12	24.79	117.28	54.58	43.07	19.89	
CHECKS:											
34	BIO- 9637	-	12.70	19.55	13.63	13.90	88.83	92.93	57.99	19.73	
35	NAVJOT	-	-	-	-	-	-	-	-	-	

ALL INDIA COORDINATED RESEARCH PROJECT ON MAIZE

50th
ANNUAL PROGRESS REPORT



DIRECTORATE OF MAIZE RESEARCH
(Indian Council of Agricultural Research)
PUSA CAMPUS NEW DELHI-110012

C O N T E N T S

S. No.	Page No.
1. Research staff of AICRP and DMR	1 - 5
2. Introduction	6 - 7
3. Area and Production	8
4. Weather Data	9 - 11
5. Coded and Decoded pedigree of various trials	12 - 42
6. Breeders seed production (BSPIVF)	43 - 45

Directorate of Maize Research, Pusa Campus, New Delhi-110012

Ph No. 25841805, 25842372(O), 25848195(fax), pdmaize@gmail.com

Dr. Sain Dass, Project Director

Dr. S.B. Singh, PI (Breeding)

Dr. P. Kumar, PI (Entomology)

Dr. Raj Pal Singh, PS(Breeding)

Dr. A.S. Sethi, PS (Statistics)

Dr. O.P. Sharma, Sr. Scientist (Biochemistry)

Dr. P.H. Zaidi, Sr. Scientist, (Physiology)

(On deputation to CIMMYT since Nov.2007

Dr. Jyoti Kaul Sr. Scientist (Breeding)

since Nov.2007

Mr. K.P.Singh, Scientist Sr. Scale (Computer application)

Dr. R.P. Singh, PI (Agronomy)

Dr. Sangit Kumar, PI (Pathology)

Mr. N.P. Gupta PS(Breeding)

Dr. HO Gupta, PS (Biochemistry)

Mrs. Meena Sekhar, Sr. Scientist, (Pathology)

Dr. Sujay Rakshit, Sr. Scientist (Breeding)

Dr. M. L. Jat Sr. Scientist (Agronomy) Since Aug.

2007

Dr. V.K. Yadav, Scientist Sr. Scale (Extension)

Maize Winter Nursery, ANGRAU, Rajendranagar, Hyderabad-500013

Ph No. 040-27034165(O), jcswnrc@rediffmail.com

Dr. J.C. Sekhar, Sr. Scientist (Entomology)

DMR Regional Research and Seed Production Centre, Kushmahout, Bishnupur, Begusarai(Bihar)

Ph No. 06243-225254

Dr. Rajpal Singh, Principal Scientist

MAIZE RESEARCH CENTERS

K.D. Research station, S.K. University of Agri. Sciences & Technology, Post Box-905, Srinagar-190 001 (J&K) Phone & Fax: 0194-461551

Dr. F.A. Nehvi, Maize Breeder

Dr. M.I. Makhdoomi, Maize Breeder

Mr. Bashir Ahmad Allie Agronomist

A>A Lone

Maize Research sub-station, S.K. University of Agricultural Sciences & Technology, Laripora, Pahalgam (J&K)

Maize Research Sub-Station, S.K. University of Agricultural Sciences & Technology, (J) Poonch-185 101 (J&K)

Dr. A.K. Razdan , Akhil Verma

Shri S. B. Singh, Junior Scientist

Rajinder Singh sudan

Bhupesh Kumar

Anjani Kumar

Dr. S.K. Pandey

Vivekananda Parvatiya Krishi Anusandhan Sansthan(ICAR), Almora, 263601 Uttarakhand), 05962-230208, 230060(O), 230130(Director Residence), 230278(Crop Division), 231539(Fax), email: cid_vpkas@yahoo.com

Dr. H.S. Gupta

Dr. Vinay Mahajan, I/C & HOD

Dr. K.A.Gopinath, Agronomy

Dr. P.K. Agrawal, Biotechnologist

Dr. S.K. Pant, Pathologist

Hill Agriculture Research & Extension Centre C.S.K. H.P. Krishi Vishwa Vidyalaya, Bajaura-175 125, District Kulu (HP), 01905-287235(O), 287235(Fax) 01902-224 396@, Email: satishguleria_in@rediffmail.com

Dr. D.R. Thakur, Sr. Maize Agronomist & Incharge

Dr. S.K. Guleria, Maize Breeder

Dr. R.K. Devlash Assist. Maize Pathologist

Vacant Assist. Maize Breeder

Shiwalic Agril. Research & Exta. Station, C.S.K.H.P. Krishi Vishwa Vidyalaya, Kangra - 176 001 HP

Phone & Fax: 01892-265685(O), 264550(Fax)

Dr. Mrs. Swaran Lata, Maize Breeder

Dr. Anil Kumar, Maize Agronomist

Department of Plant Breeding & Genetics, Assam Agricultural University, Jorhat-785 013, Assam

Phone & Fax: 0376-2340006 (O), 2311026(R) 2310831(Fax), 09435352796, email:

nsbarua63@yahoo.co.in

Dr. NS Barua, Maize Breeder

Dr. A. Chakravarty, Agronomist

ICAR Research Complex for NEH Region, Tadang, Gangtok, Sikkim - 737 102

Scientist (Maize Breeding)

ICAR Research Complex for NEH Region, Umiam, Barapani, Meghalaya - 793 103

Phone & Fax: 0364-570364(O), 570443(R), 570213(fax), 570288(fax)

Dr. Jibanj mitra

Dr. Ram Dutta

Sr. Scientist, (Pathology)

Dr. K. Chattopadhyay

IARI, New Delhi-110012

Dr. R.D. Singh, PS(Maize Breeding)

Dr. R.N. Gadag, Sr. Scientist (Breeding)

Dr. B.M. Prasanna, National Fellow

Dr. Ashok Kumar, Agronomy

Dr. R. Choudhary PS (Env. Sci.)

Dr. R.C. Sharma, PS Pathology

Department of Plant Breeding, Punjab Agricultural University, Ludhiana-141 004, Punjab

Phone & Fax: 0161-2401960 Ext 437(O), 2550048(R), 2400945(fax)

Dr. S.P.S. Brar, Senior Maize Breeder

Dr. Maninder Singh, Maize Breeder

Dr. Jasbir Singh, Maize Breeder

Mahesh Kumar Ass. Agronomist

Dr. Nirmal Singh, Maize Entomologist

Dr. Jwala Jindal, Maize Entomologist

Dr. Harleen Kaur, Maize Pathologist

Gurjeet Kaur Maize Breeder

Regional Research Station, Punjab Agricultural University, Gurdaspur

Dr. S.S. Pal, Sr. Geneticist

Regional Research Station For Kandi Area, Punjab Agricultural University, Ballawal Saukhari, PO: Takarla via Balachaur, Distt. Hoshiarpur 144 521

Dr. V.B. Kulshreshtha, Maize Breeder

Department of Genetics & Plant Breeding, College of Agriculture, GB Pant University of Agriculture & Technology, Pantnagar-263145, Distt. U.S. Nagar, Uttrakhand,
Phone & Fax:05944 - 235473(O), 233171(R) 233473, 233608(fax), Email: ag@gbpuat.ernet.in
Dr. M.Z.K. Warsi, Senior Maize Breeder & I/C Dr. N.K. Singh, Maize Breeder
Dr. D.C. Baskheti, Maize Breeder Dr. HN Singh, Maize Soil Scientist

Dr. S. S Verma, Maize Breeder
Dr. M.S. Pal Sr. Agronomist

Dr. Akhilesh Singh pathologist

Department of Plant Breeding and Genetics, C.S. Azad University of Agriculture and Technology, Kanpur-208 002, UP Phone& Fax:0512-294641-45(O), 2573852(R), 2210408(fax)
Dr. N.S. Shukla, Maize Breeder Dr. H.C. Singh, Asstt. Maize Breeder
Dr. K. C. Arya, Asstt. Agronomist

N.D. University of Agriculture & Technology, Crop Research station, Bahraich-271 801,(UP)
Phone:05252-235258 (O),238077 (R)
Sh. B.N. Mishra, Maize Agronomist

Krishi Vigyan Kendra, Belipar Farm , Gorakhpur (U.P.) Phone:0551 - 2280166 (R)
Dr. Prem Kumar, Maize Breeder

Dept. of Genetics and Plant Breeding, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, 221005 (UP) Phone & Fax: 0542-2307122,2307123(O),2575555(R),2368174,2307100(fax)
Dr. J. P. Shahi, Maize Breeder Dr. R. N. Singh, Maize Agronomist

Dr. P.K. Singh

Tirhut College of Agriculture, Dholi, Muzaffarpur-843 121, Bihar
Phone & Fax:0621-2293227(O), 2293696(R), 2293227(fax)

Dr. R. Prasad, Maize Breeder

Dr. Ajay Kumar

Dr. Dinesh Rai

Dr. Tanvir Alam, Maize Entomologist

Dr. M. Kumar, Maize Agronomist

Dr. Veeresh Kumar

Maize Improvement Project Regional Research & Technology Transfer Sub-station

(O.U.A.T.)P.O. Khairi, Jashipur, Dist. Mayurbhanj-757 091, Orissa Phone:06797-232891

Mr. D. Lenka, Maize Breeder & IC

Sh. S.C. Sahoo, Junior Agronomist

Agricultural Research Station, Amberpet Farm, Hyderabad-500 013, AP

Phone: 040- 27038498 (Office)

Dr. G. Laxmikantha Reddy, PS & Head

Dr. R. Sai Kumar, PS (Maize Breeding)

Dr. M.R. Sudarshan, Scientist (Maize Breeding)

Dr. K. Jhansi Rani, Scientist (Maize Breeding)

Dr. M. Anuradha, Scientist (Entomology)

Dr. R. Ranga Reddy, Sr.Scientist (Plant Pathology)

Dr. Hem latta

Dr. Y. Shivalaxmi

Agricultural Research Station, Karimnagar - 505 002, AP Dr. M.V. Nagesh kumar Asstt Breeder

Phone:0878-2240283(o), 2231077@

Dr. A. Srinivas, Maize Agronomist

All India Co-ordinated Maize Improvement Project, Agricultural Research Station, Arbhavi - 591 318, Taluka: Gokak Belgaum, Karnataka,

Phone: 08332-272189 (Gokak, Telephone Exchange), 08332-229310 (R)

Dr. M.C. Wali, Maize Breeder

Mr. M. Prashanth, Asstt. Maize Breeder

Mr. S.I. Harlapur, Assistant Maize Pathologist

Mr. C. P. Chandrasekhar, Assistant Maize

Dr. Channappa Gaud

Agronomist

Department of Genetics & Plant Breeding, All India Co-ordinated Maize Improvement, Project, Rajasthan College of Agriculture, Maharana Pratap University of Agricultural & Technology Udaipur-313 001, Phone & Fax: 0294-2423119, 2417334, 2465061 @, 24220447 (fax), E-mail: dormpuat@sancharnet.in

Dr. S. L. Godawat, Senior Maize Breeder

Dr. M. K. Vyas, Assistant Maize Breeder

Dr. Dilip Singh, Maize Agronomist

Dr. N.K. Bajpai, Maize Entomologist

Dr. Amit Trivedi, Assistant Maize Pathologist

Dr. S.L. Baheti, Maize Nematologist

Dr. R.N. Bunker Asstt. Maize Pathologist

JNKVV, Zonal Agricultural Research Station, Chhindwara-480 001, MP

Phone: 07162-44560(O), 43976(R)

Dr. S.K. Thakur, Maize Breeder

Sh. V.K. Paradkar, Junior Scientist (Agronomy)

Indira Gandhi Agricultural University, Rajmohini Devi College of Agriculture & Research Station, Ajirma Ambikapur, Surguja, 497 001 (Chhattisgarh)

Phone & Fax: 07774-231570, 230815(O), 220640 @, 230986(Fax), email: ajay-tripathi11@yahoo.co.in

Dr. A.K. Tripathi, Maize Breeder

Mr. S. K. Sinha, Asstt. Maize Breeder

Dr. A. K. Sinha, Maize Agronomist

ICAR - Maize Scheme, Department of Millets Centre for Plant Breeding & Genetics, Tamil Nadu Agricultural University, Coimbatore - 641 003, Tamil Nadu

Phone & Fax: 0422- 2450507(O), 2439524 @, 5511415

Dr. S. Arumugachamy, Maize Breeder

Dr. B. Paranitharan, Asstt. Maize Pathologist

Dr. A. Muthaiah

Dr. V.Meena Kumari

Dr. John juel Prof.

Main Maize Research Station, Gujarat Agricultural University, Dohad road, Godhra-389 001, Dist. Panchmahals, Gujarat, Phone: 02672-42852(O)

Dr. D.B. Patel, Maize Breeder

Sh. S.M. Khanorkar, Assistant Maize Breeder

Sh. K.H. Patel, Senior Research Assistant

Sh. P. M. Patel, Asstt. Maize Agronomist

Sh. H. M. Patel, Assistant Scientist

Maize Improvement Project, Shahu Agricultural School Campus, Line Bajar, Kasba Bawada, Kolhapur-416 003, Maharashtra,

Phone: 0231-2601115 (Office of Maize Breeder), 2693017, 2692416 (Office of Asso. Dir. Res)

2662234 (Residence of Maize Breeder)

Dr. U.M. Borle, Assistant Maize Breeder

Dr. Chavan Balchandra Pratap, Entomologist

NATIONAL RAINFED CENTRE

Agricultural Research Station, MPUAT, Dahod Road, Borwat Farm, Post Box No. 25,
Banswara-327 001, (Rajasthan), Phone & Fax:02962-260013,242813,242558@

Dr. LL Pawar, Breeder

Dr. G.S. Ameta, Sr. Maize Agronomist
Dr. Harglas Meena agronomist

NATIONAL STALKROT RESISTANCE BREEDING NURSERY CENTRE

Regional Research Station, HPKVV, Dhaula Kuan-173 001, VIA NAHAN, Sirmour (H.P.)
Phone: 01704-57421(O), 53028

Dr. Aswni Kumar Basandrai Maize Pathologist

NATIONAL DOWNY MILDEW RESISTANCE BREEDING CENTRE

Z.A.R.S. VC Farm, Mandya-571 405, Karnataka, Phone: 08232-277147 /277392(o), 229339@

Mr. Puttarama Naik, Assistant Maize Breeder

Dr. T.A. Sreerama Sethy, Maize Pathologist

NATIONAL TURCICUM LEAF BLIGHT DISEASE RESISTANCE BREEDING CENTRE

University of Agricultural Sciences, Agricultural Research Station, Nagenahalli, Mysore-570
003 Karnataka, Phone & Fax: 0821-591290, 591383, 591267(Fax)

Dr.K.T. Pandurangegowda, Professor (Maize
Pathologist)

CCS, Haryana Agricultural University, Regional Research Station, Uchani 132 001, Karnal,
Haryana

Phone & Fax: 0184 - 2267857 (O): 2280724 (R): 2267499(fax)

Dr. Dharam Pal, Sr. Maize Agronomist & I/C

Dr. K.S.Dhanju, Sr. Maize Pathologist

Dr. Rishi Pal, Sr. Maize Breeder

Dr. J.C. Mehla, Sr. Entomologist

Dr. Ashakwatra Prof.

CO-OPERATING CENTRE

Zonal Agricultural Research Station, Kumbrawand, Jagdalpur, 494 005 (MP)

Dr. Nandan Mehta, Jr. Scientist (Plant Breeding)

Dept. of Plant Breeding & Genetics, Birsa Agricultural University, Ranchi - 6 (Jharkhand)

Dr.(Mrs) M.Chakrabarty, Maize Breeder

Dr. CS Singh, Assist. Maize Agronomist

Dr. Atul Kumar Plant Pathologist (SAU)

Wheat & Maize Research Unit, Marathwada Krishi Vidyapeeth, Parbhani 431 402

Dr. Syed Muzaffar, Incharge Maize Programme

Introduction

Maize (*Zea mays* L) is the third most important cereal in India after rice and wheat. In addition to staple food for human being and quality feed for animals, it serves as a basic raw material for the industry for production of starch, oil, protein, alcoholic beverages, food sweeteners and, more recently, bio-fuel. The maize utilization pattern in India during last year has been as human food (28%), animal feed (11 %), poultry feed (48%), and industrial products (12%). It is a crop of wider adaptability to varied agro-ecologies grown from sea level to an altitude of more than 3000 meters. During the year 2006-07, the area under maize in the country was 7.89 million hectares with total production of 15.1 million tones having average productivity of 1921 kg/ha. However, according to second advance estimate during 2007-08, the production of maize has gone up to 16.78 million tones which is 11% higher than the previous year's and the productivity has increased from 1921 kg /ha to 2100 kg/ha during the same period. Maize has thus displayed a healthy growth rate being highest among the cereals in terms of area, production and productivity (Appendix-1). This phenomenal performance of the crop may be attributed to the development and release of high yielding stress tolerant hybrids as well as the fact that the crop is least affected by climatic changes affecting various cropping system in the country. There has been a shift in area to maize due to lowering of water table, rising temperature etc. in states like Andhra Pradesh, Karnataka, Tamil Nadu, Orissa, Punjab, Bihar, West Bengal, etc. The shift in traditional crops and cropping systems with maize based systems are gaining importance in view of changing resource base under the current farming scenario, thus maize and maize based cropping systems are becoming important for food and nutritional security. With the development of high yielding varieties and hybrids that are competitive with rice and wheat with respect to farm profitability and are resource use efficient under diverse soil and climatic conditions, have led to development of several maize based cropping systems. Further more, under the emerging limitations of natural resource base with the existing cropping systems, maize is emerging as an alternative option for diversification of rice-rice and rice-wheat with rice-maize and other maize based high value cropping systems in water scarcity areas, wheat areas affected with terminal heat, and market driven agriculture in peri-urban

interface. A recent study by NCAP has showed that there is an increasing demand for maize in the industry sector which caters to consumer needs like textiles, paper, glue, alcohol, confectionery, food processing and pharmaceutical industry etc., of which the demand keeps on increasing with population pressure.

During the period under report 14 hybrids, 11 from public and three from private sector were released by central sub Committee on crop standers and notification of varieties. One QPM Hybrid HQPM -5 has been released for cultivation across the country, hybrids HM-8, HM9, Malviya Hybrid Makka-2, Maize PAU -352, PMH-1, Vivek Maize hybrid -21, Vivek maize hybrid -23, Vivek maize hybrid-25, Vivek maize hybrid-27, COHM-5, NK-21, NK-61, Bio-22027, One pop corn variety Jawahar Pop corn and two maize varieties viz. JVM-421 have been released for respective states of M.P. and U.P.

In the previous year as many as 38 coordinated trials in breeding group were conducted across the locations. These included 33 trials of normal grain maize, three QPM trials, 2 specialty maize trials viz. sweet corn and baby corn. 14 zonal and large number of station trials were also conducted by different research centers of the country. Thirteen Agronomy, four each Soil science, Pathology, Entomology and Nematology trials were conducted across the locations to identify agronomically desirable and disease and pest resistant / tolerant genotypes.

For strong breeding program Germplasm is strength as many as 1851 Lines were evaluated by AICRP centers including (DMR) of these 759 lines were selected and evaluated in winter nursery at Hyderabad. Maize germplasm field day was organized for selection of desirable lines. Nearly, hundred scientists from public and private organizations participated. During this period, Training on various aspects of inbred-hybrid development was also imparted. To popularize the various production technologies to enhance the income of the farmers more than 10,000 FLDs were organized in collaboration with public institutes and NGOs in the country. To upgrade the knowledge of the state agricultural officers and farmers as many as 27 training programs were organized in areas of commercial grain cultivation, seed production, baby corn, QPM, value addition etc at DMR and different AICRP centres.

Area , Production , Productivity, of maize from 2004-05 to 2006-07

State /UT	Season	Area (000 hectares)			Production(000 Tonnes)			Yield (Kg/Hectare)			
		2004-05	2005-06	2006-07	2004-05	2005-06	2006-07	2004-05	2005-06	2006-07	
1	2	3	4	5	6	7	8	9	10	11	
Andhra Pradesh	Kharif	505.0	593.0	535.0	1239.0	2098.0	1285.0	2453.5	3537.9	2401.9	
	Rabi	152.0	165.0	190.0	825.0	989.0	1177.0	5427.6	5993.9	6194.7	
	Total	657.0	758.0	725.0	2064.0	3087.0	2462.0	3141.6	4072.6	3395.9	
Arunachal Pradesh	Kharif	36.7	38.1	42.1	53.4	52.3	57.4	1455.0	1372.7	1363.4	
	Rabi	1.1	3.8	4.2	1.6	5.6	6.1	1454.5	1473.7	1452.4	
	Total	37.8	41.9	46.3	55.0	57.9	63.5	1455.0	1381.9	1371.5	
Assam		19.2	19.0	18.0	13.9	13.7	14.0	724.0	721.1	777.8	
Bihar	Autamn	268.1	276.7	259.5	421.2	420.0	397.6	1571.1	1517.9	1532.2	
	Rabi	192.7	208.9	214.7	596.2	551.8	772.3	3093.9	2641.5	3597.1	
	Gama	153.6	163.2	167.7	448.3	389.3	544.9	2918.6	2385.4	3249.3	
Total	614.4	648.8	641.9	1465.7	1361.1	1714.8	2385.6	2097.9	2671.4		
Chhatisgarh	Kharif	96.5	98.7	97.3	131.7	106.2	119.2	1364.8	1076.0	1225.1	
Goa	Kharif	0.2	0.1	0.1	0.8	0.5	0.5	4000.0	5000.0	5000.0	
Gujrat	Kharif	459.5	498.0	520.0	412.5	560.0	363.0	897.7	1124.5	698.1	
Haryana	Kharif	16.0	16.0	14.0	40.0	34.0	32.0	2500.0	2125.0	2285.7	
Himachal Pradesh	Kharif	324.0	295.4	299.0	736.0	543.1	695.4	2271.6	1838.5	2325.8	
J&K	Kharif	322.7	320.9	323.6	492.0	453.5	486.9	1524.6	1413.2	1504.6	
Jharkhand	Autamn	186.0	177.6	230.1	279.0	232.5	276.9	1500.0	1309.1	1203.4	
	Rabi	5.0	3.7	10.8	7.0	6.0	19.5	1400.0	1621.6	1805.6	
	Total	191.0	181.3	240.9	286.0	238.5	296.4	1497.4	1315.5	1230.4	
Karnataka	Kharif	784.0	842.0	866.0	2325.0	2458.0	2459.0	2965.6	2919.2	2839.5	
	Rabi	57.0	82.0	79.0	160.0	246.0	210.0	2807.0	3000.0	2658.2	
	Summer	9.0	12.0	16.0	27.0	24.0	50.0	3000.0	2000.0	3125.0	
Total	850.0	936.0	961.0	2512.0	2728.0	2719.0	2955.3	2914.5	2829.3		
Madhya Pradesh	Kharif	896.2	861.6	861.1	1252.6	1249.0	840.0	1397.7	1449.6	975.5	
	maharashtra	Kharif	353.0	389.0	475.0	607.0	830.0	948.0	1719.5	2133.7	1995.8
	Rabi	75.0	84.0	105.0	146.0	166.0	202.0	1946.7	1976.2	1923.8	
Total	428.0	473.0	580.0	753.0	996.0	1150.0	1759.3	2105.7	1982.8		
Manipur	Kharif	3.2	2.9	2.9	8.9	7.9	7.9	2781.3	2724.1	2724.1	
Meghalaya	Kharif	16.9	16.9	17.0	24.0	24.1	25.0	1420.1	1426.0	1470.6	
Mizoram	Kharif	6.8	10.8	10.4	14.5	20.7	20.2	2132.4	1916.7	1942.3	
Total	0.7	0.9	0.3	1.2	2.0	0.8	1714.3	2222.2	2666.7		
Total	7.5	11.7	10.7	15.7	22.7	21.0	2093.3	1940.2	1962.6		
Nagaland	Kharif	46.4	51.6	64.7	83.5	92.9	108.3	1799.6	1800.4	1673.9	
Orissa	Kharif	61.0	62.0	59.4	98.0	98.4	98.3	1606.6	1587.1	1654.9	
	Rabi	4.0	1.6	1.9	8.0	3.5	4.5	2000.0	2187.5	2368.4	
	Total	65.0	63.6	61.3	106.0	101.9	102.8	1630.8	1602.2	1677.0	
Punjab	Kharif	154.0	148.0	154.0	422.0	403.0	481.0	2740.3	2723.0	3123.4	
Rajasthan	Kharif	1041.7	1003.0	1027.7	1261.5	1101.1	1115.4	1211.0	1097.8	1085.3	
	Rabi	0.7	0.7	0.7	1.1	1.0	1.0	1571.4	1428.6	1428.6	
	Total	1042.4	1003.7	1028.4	1262.6	1102.1	1116.4	1211.2	1098.0	1085.6	
Sikkim	Kharif	36.7	37.9	37.9	58.2	56.5	56.5	1585.8	1490.8	1490.8	
Tamilnadu	Kharif	114.6	114.4	131.2	164.2	134.4	423.0	1432.8	1174.8	3224.1	
	Rabi	75.3	87.9	66.6	130.5	106.8	336.1	1733.1	1215.0	5046.5	
	Total	189.9	202.8	197.8	294.7	241.2	759.1	1551.9	1189.3	3837.7	
Tripura	Kharif	2.8	2.2	2.5	3.0	2.2	2.4	1071.4	1000.0	960.0	
	UP	Kharif	776.0	810.3	842.0	1194.0	1040.6	1116.9	1538.7	1284.2	1326.5
	Rabi	100.0	4.1	30.0	300.0	13.7	47.0	3000.0	3341.5	1566.7	
Total	876.0	814.4	872.0	1494.0	1054.3	1163.9	1705.5	1294.6	1334.7		
Uttarachal	Kharif	30.0	33.0	30.0	44.0	44.0	40.0	1466.7	1333.3	1333.3	
	Rabi	-	-	1.0	-	-	2.0	-	-	2000.0	
	Total	30.0	33.0	31.0	44.0	44.0	42.0	1466.7	1333.3	1354.8	
WB	Kharif	36.8	38.1	39.7	95.9	79.1	86.0	2606.0	2076.1	2166.2	
	Rabi	10.1	12.6	17.0	43.7	49.3	72.5	4326.7	3912.7	4264.7	
	Summer	-	-	28.7	-	-	95.0	-	-	3310.1	
Total	46.9	50.7	85.4	139.6	128.4	253.5	2976.5	2532.5	2968.4		
A&N Iseland	Kharif	0.1	0.1	0.1	0.1	0.1	0.2	1000.0	1000.0	2000.0	
Delhi	Kharif	0.1	0.1	0.1	0.2	0.1	0.1	2000.0	1000.0	1000.0	
All India	Kharif	6594.2	6757.9	6960.4	11476.4	12155.9	11556.3	1740.4	1798.8	1660.3	
	Rabi	836.2	830.4	933.6	2695.6	2544.0	3540.7	3223.6	3063.6	3792.5	
	Total	7430.4	7588.3	7894.0	14172.0	14699.9	15097.0	1907.3	1937.2	1912.5	

TABLE NO. 1 : MEAN MAXIMUM AND MINIMUM TEMPERATURE °C DURING 2007 KHARIF AT VARIOUS RESEARCH CENTRES AT DIRECTORATE OF MAIZE RESEARCH

CENTRE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Ambikapur	Mean Max °C	24.5	26.3	30.5	37.2	37.9	35.5	29.6	29.2	29.5	30.1	27.7	24.9
	(Normal)	23.4	26.7	31.4	36.2	38.6	33.5	29.4	29.1	29.5	29.4	26.8	23.8
	Mean Min °C	7.7	11.3	15.2	21.0	23.7	25.0	23.5	23.3	22.7	16.9	12.3	8.6
Bajaura	(Normal)	9.2	12.8	16.6	22.4	25.8	24.4	23.4	23.0	21.8	18.2	12.4	9.4
	Mean Max °C	19.8	17.8	20.3	30.7	30.9	32.5	31.2	30.9	30.0	27.7	24.5	-
	Mean Min °C	1.8	4.6	5.3	11.9	14.3	18.1	20.9	21.0	17.9	8.7	2.9	-
Coimbatore	Mean Max °C	-	-	-	-	-	-	29.6	30.4	31.2	30.6	29.7	-
	(Normal)	-	-	-	-	-	-	30.1	30.1	31.6	30.9	29.2	-
	Mean Min °C	-	-	-	-	-	-	23.1	22.3	21.3	21.8	19.9	-
Jashipur	(Normal)	-	-	-	-	-	-	22.2	22.2	21.8	21.4	20.2	-
	Mean Max °C	27.5	27.5	32.0	35.9	35.2	33.1	29.4	28.1	28.6	28.2	25.6	-
	Mean Min °C	13.2	16.8	20.4	24.5	25.9	26.7	26.0	25.3	24.7	21.2	18.1	-
Jorhat	Mean Max °C	22.7	22.7	27.7	27.4	31.5	30.9	32.1	32.3	31.1	30.3	26.9	-
	Mean Min °C	9.8	12.3	15.8	19.9	24.0	24.8	25.8	25.5	24.4	22.2	15.5	-
Kanpur	Mean Max °C	-	-	-	-	-	39.0	34.2	32.8	33.3	33.3	-	-
	Mean Min °C	-	-	-	-	-	27.3	26.8	26.3	25.2	18.0	-	-
Mandya	Mean Max °C	-	-	-	-	-	32.7	30.3	30.3	30.3	30.8	30.8	-
	Mean Min °C	-	-	-	-	-	19.9	19.9	19.4	19.3	18.6	15.7	-

TABLE NO. 2 : MEAN PER CENT RELATIVE HUMIDITY DURING 2007 KHARIF AT VARIOUS RESEARCH CENTRES AT DIRECTORATE OF MAIZE RESEARCH

CENTRE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Ambikapur		55.0	58.0	54.0	50.0	55.0	63.0	78.0	78.0	78.0	62.0	59.0	57.0
	(Normal)	63.0	59.0	48.0	35.0	35.0	66.0	83.0	85.0	81.0	71.0	61.0	63.0
Bajaura		94.0	91.0	91.0	86.0	88.0	89.0	89.0	93.0	90.0	90.0	91.0	-
Coimbatore		-	-	-	-	-	-	64.0	59.0	55.0	60.0	53.0	-
	(Normal)	-	-	-	-	-	-	55.0	62.0	63.0	72.0	73.0	-
Jorhat		85.5	85.0	80.5	80.0	81.0	87.0	84.5	84.0	86.7	83.5	-	-
Kanpur		-	-	-	-	-	67.2	82.9	87.5	83.6	78.1	-	-
Mandya	7.30 hrs	-	-	-	-	-	86.0	83.0	91.0	91.0	91.0	91.0	-
	14.00 hrs	-	-	-	-	-	55.0	51.0	50.0	51.0	45.0	40.0	-

TABLE NO. 3 : TOTAL RAINFALL (mm) RECORDED DURING 2007 KHARIF AT VARIOUS RESEARCH

CENTRES AT DIRECTORATE OF MAIZE RESEARCH

CENTRE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Ambikapur	0.0	30.3	25.3	1.5	20.6	102.8	295.2	221.7	402.2	66.5	0.0	0.0
(Normal)	30.8	15.0	24.0	12.2	15.8	286.5	472.7	334.7	238.2	56.1	18.6	17.6
Bajaura	0.0	165.8	190.3	12.6	71.8	54.9	145.6	148.3	21.0	5.0	0.0	-
Coimbatore	-	-	-	-	-	-	82.0	84.3	14.4	278.8	56.5	-
(Normal)	-	-	-	-	-	-	68.5	30.1	68.0	146.0	118.0	-
Jashipur	6.8	77.8	8.4	17.6	187.2	187.4	650.6	502.0	400.0	32.6	84.0	-
Jorhat	1.1	78.9	29.4	294.8	203.6	240.6	218.7	363.9	345.3	33.8	30.0	-
Kanpur	-	-	-	-	-	38.8	186.4	272.2	23.6	0.0	-	-
Mandya	-	-	-	-	-	54.8	34.4	65.2	131.8	193.0	43.6	-

TABLE NO. 4 : WIND VELOCITY KM/HOUR DURING 2007 KHARIF AT VARIOUS RESEARCH

CENTRES AT DIRECTORATE OF MAIZE RESEARCH

CENTRE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Ambikapur	2.2	3.2	3.6	5.0	4.2	6.4	6.6	4.3	3.2	2.0	1.8	1.9
(Normal)	2.5	3.5	4.4	5.2	6.0	6.7	5.0	3.5	2.9	2.4	2.2	2.4
Coimbatore	-	-	-	-	-	-	9.2	4.6	9.7	5.0	3.7	-
(Normal)	-	-	-	-	-	-	12.7	11.2	6.0	2.8	2.5	-
Jorhat	1.4	2.1	2.3	3.4	3.4	3.5	3.9	2.7	2.4	2.0	1.7	-
Kanpur	-	-	-	-	-	9.5	9.2	7.2	5.2	2.8	-	-

TABLE NO. 5: MEAN HOURS OF SUNSHINE DURING 2007 KHARIF AT VARIOUS RESEARCH

CENTRES AT DIRECTORATE OF MAIZE RESEARCH

CENTRE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Ambikapur	7.9	8.2	9.1	9.0	8.4	5.7	2.6	2.8	4.2	8.6	8.2	7.7
(Normal)	8.7	8.9	9.2	9.3	9.5	9.6	3.7	3.7	5.5	7.5	8.7	8.4
Bajaura	6.2	4.5	7.3	9.5	7.5	8.6	6.5	5.4	7.2	8.5	6.9	-
Coimbatore	-	-	-	-	-	-	3.4	5.6	3.8	4.6	7.4	-
(Normal)	-	-	-	-	-	-	4.6	5.8	5.2	6.3	6.1	-
Mandya	-	-	-	-	-	5.2	3.9	4.2	4.6	5.1	6.9	-

TABLE NO. 6: MEAN EVAPORATION/TRANSPIRATION (mm) DURING 2007 KHARIF AT VARIOUS RESEARCH CENTRES AT DIRECTORATE OF MAIZE RESEARCH

CENTRE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Ambikapur (Normal)	3.0	3.8	4.1	7.1	8.6	7.3	4.0	3.4	2.8	3.9	3.2	3.0
Bajaura	2.7	4.2	6.7	9.2	10.8	7.1	4.1	3.5	3.5	3.4	2.7	2.6
Coimbatore (Normal)	1.5	1.6	3.0	5.2	3.9	5.7	4.6	3.8	4.0	3.3	1.8	-
Kanpur	-	-	-	-	-	-	4.8	4.7	5.2	4.0	3.7	-
	-	-	-	-	-	-	5.1	6.4	5.6	4.6	3.1	-
	-	-	-	-	-	9.5	7.5	4.7	4.4	4.3	-	-

TABLE 7 : LOCATIONS AND SOIL CHARACTERISTICS OF THE VARIOUS RESEARCH CENTRES AT DIRECTORATE OF MAIZE RESEARCH

S1 NO	CENTRE	LATITUDE	LONGITUDE	ALTITUDE (M)	SOIL TYPE	PH
1.	Srinagar	34.06 N	74.51'E	1652	Silty clay loam	-
2.	Almora	29.36 N	79.40'E	1250	Clay loam	5.8
3.	Auli	30.31 N	79.34' - 10 E	2680	Sandy loam	6.7-7.1
4.	Bajaura	32.2 N	77.0'E	1090	Sandy loam	6.5
5.	Salooni	-	-	1768	Silty loam	6.5
6.	Dhaura Kuan	30.5 N	77.5'E	456	Sandy loam	6.7
7.	Jorhat	26.46 N	94.16'E	91	Sandy loam	5.7
8.	Kalimpong	27 N	88'E	1070	Sandy loam	-
9.	Kalyani	23.5 N	89'E	9.75	Sandy loam	-
10.	Delhi	28.38 N	77.12'E	228.1	Loam to sandy loam	7.5-8.5
11.	Ludhiana	30.45 N	75.40'E	247		7.8
12.	Udaipur	24.55 N	73.41'E	572	Loam to sandy loam	8.2-8.4
13.	Banswara	23.5 N	73.58'E	218	Pleustertt	-
14.	Kanpur	26.28 N	80.40'E	125.9	Sandy loam	-
15.	Karnal	29.43 N	76.58'E	245	Clay loam	-
16.	Jaipur	26.51	75.47'E	122	Clay loam	-
17.	Pantnagar	29.0 N	79.3'E	243.8	Clay loam	7.4
18.	Dholi	25.59 N	85.75'E	51.8	Sandy loam	-
19.	Hyderabad	17.2N	78.3'E	530	Black clay loam	8.3
20.	Chhindwara	21.28'N	78.10'-79-24'E	682	Medium clay	-
21.	Arbhavi	16.12 N	74.54'E	640	Medium black	-
22.	Godhra	22.45 N	77.40'E	119.4	Sandy loam	6.8-7.2
23.	Kolhapur	16.43 N	74.14'E	574	Light to medium black	7.5-8.0 GTC 5.5-6.5 Shenda Park
24.	Coimbatore	11.0 N	77.0'E	411.5	Black	8.5
25.	Nagenahalli	12.22 N	76.42'E	762	Sandy loam to gravel	5.4
26.	Mandya	12 N	76'E	695	Light red sandy loam	-
27.	Varanasi	25.20 N	83.0 E	128.93	Sandy loam loam	6.0
28.	Bahraich	27.34 N	81.36 E	130	Sandy loam	8.4
29.	Sabour	25.15 N	87.02'E	37.04	Sandy loam	-
30.	Jalna	19.51N	75.53'E	550	Medium black	7.5-8.0
31.	Dharwad				Medium black	7.5
32.	Jashipur	21.57N	86.00 E	400	Red laterite	Acidic
33.	Ambicapur	23.18N	83.15 E	592.62	Sandy loam	5.7

TRIAL NO. 61 FULL SEASON MATURITY (IET)
 YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 2
 ROW LENGTH 4 m
 LOCATION : SRINAGAR , POONCH, BAJAURA, KANGRA, ALMORA, BARAPNI,
 JORHAT , DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR
 VARANASI, BELIPAR, DHOLI, JASHIPUR, RANCHI, AMBIKAPUR,
 HYDERABAD, KARIMNAGAR, KOLHAPUR, ARBHAVI, MANDYA,
 COIMBATORE , UDAIPUR, BANSWARA, GODHRA, CHHINDWARA
 KAVERI SEED'S, POC, PROAGRO, KANCHANGA, MONSANTO,
 BIO SEED'S

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION		
					R1	R2	R3
1	J H - 11137	ALL	DMR-501	LUDHIANA	7306	7363	7411
2	J H - 11180	ALL	DMR-502	LUDHIANA	7332	7347	7430
3	J H - 11422	ALL	DMR-503	LUDHIANA	7334	7368	7398
4	J H - 11433	ALL	DMR-504	LUDHIANA	7341	7359	7431
5	J H - 11449	ALL	DMR-505	LUDHIANA	7320	7348	7416
6	J H - 11693	ALL	DMR-506	LUDHIANA	7307	7386	7423
7	B H - 40707	ALL	DMR-507	HYDERABAD	7310	7374	7417
8	B H - 40708	ALL	DMR-508	HYDERABAD	7336	7366	7396
9	B H - 40709	ALL	DMR-509	HYDERABAD	7308	7377	7402
10	B H - 40710	ALL	DMR-510	HYDERABAD	7325	7345	7391
11	B H - 40711	ALL	DMR-511	HYDERABAD	7318	7382	7421
12	B H - 40712	ALL	DMR-512	HYDERABAD	7337	7352	7410
13	B H - 40713	ALL	DMR-513	HYDERABAD	7315	7353	7429
14	B H - 40714	ALL	DMR-514	HYDERABAD	7305	7346	7404
15	V E H - 3017	ALL	DMR-515	VARANASI	7321	7358	7408
16	A H - 511	ALL	DMR-516	DELHI	7344	7354	7428
17	C - 555	ALL	DMR-517	SPIC HYB MAIZE	7324	7376	7400
18	KAVERI-2288 SUPER	ALL	DMR-518	KAVERI SEED'S	7326	7371	7397
19	KAVERI - 50	ALL	DMR-519	KAVERI SEED'S	7302	7383	7415
20	M M - 8255	ALL	DMR-520	METAHELIX	7335	7384	7418
21	X 6B 269	ALL	DMR-521	POC	7304	7362	7432
22	X 6B 271	ALL	DMR-522	POC	7329	7370	7424
23	SINDHU - 333	ALL	DMR-523	PATURU AGRI	7339	7381	7395
24	AMAR - 555	ALL	DMR-524	AMARESWARA AGRI	7323	7373	7392
25	O M - 7676	ALL	DMR-525	AMAR BIO-TECH	7342	7375	7406
26	HYTECH'S HTCH 5101	ALL	DMR-526	G - TECH SEED	7303	7367	7419
27	P R O - 372	ALL	DMR-527	PROAGRO	7322	7349	7409
28	P R O - 373	ALL	DMR-528	PROAGRO	7312	7357	7405
29	C.P. 808	ALL	DMR-529	CHAROEN POKPHAND	7319	7355	7414
30	C.P. 818	ALL	DMR-530	CHAROEN POKPHAND	7309	7378	7420
31	M 01 - 062	ALL	DMR-531	MONSANTO	7330	7361	7407
32	M 01 - 825	ALL	DMR-532	MONSANTO	7316	7387	7393
33	G K - 3018	ALL	DMR-533	GANGA KAVERI	7313	7356	7390
34	G K - 3055	ALL	DMR-534	GANGA KAVERI	7301	7364	7412
35	G K - 3056	ALL	DMR-535	GANGA KAVERI	7311	7369	7394
36	MDMH - 101	ALL	DMR-536	MAHODAYA HYB.	7338	7380	7426

ENT. PEDIGREE NO.	ZONE	CODE	ORIGIN	REPLICATION			
				R1	R2	R3	
37	PARBHAT (C)	ALL	DMR-537	LUDHIANA	7340	7379	7399
38	SEEDTEC-2324 (C)	ALL	DMR-538	SEEDTEC	7317	7372	7422
39	BIO - 9681 (C)	ALL	DMR-539	BIO SEED	7331	7388	7389
40	PRO - 311 (C)	ALL	DMR-540	PROAGRO	7327	7360	7403
41	C.P. 848	ALL	DMR-541	CHAROEN POKPHAND	7328	7351	7413
42	X - 610	ALL	DMR-542	KANCHANGANGA	7343	7385	7427
43	X - 640	ALL	DMR-543	KANCHANGANGA	7333	7365	7425
44	M C H - 36	ALL	DMR-544	MONSANTO	7314	7350	7401

PATHOLOGY : BAJAURA, DHAULA KUAN, ALMORA, LUDHIANA, DELHI,
KARNAL, PANTNAGAR, DHOLI, JASHIPUR, HYDERABAD,
COIMBATORE, MANDYA, NAGENAHALLI, UDAIPUR, RANCHI

NEMATOTOLOGY: UDAIPUR

SOIL SCIENCE : PANTNAGAR

* SEED FOR PATHOLOGY IS FOUR ROW AND TWO REPLICATION

TRIAL NO. 62 MEDIUM MATURITY (IET)
 YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 2
 ROW LENGTH 4 m
 LOCATION : SRINAGAR , POONCH, BAJAURA, KANGRA, ALMORA, BARAPNI, JORHAT
 DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR, VARANASI, BELIPAR
 DHOLI, JASHIPUR, RANCHI, AMBIKAPUR, HYDERABAD, KARIMNAGAR
 KOLHAPUR, ARHAVI, MANDYA, COIMBATORE , UDAIPUR, BANSWARA
 GODHRA, CHHINDWARA, KAVERI SEED'S, KANCHANGA, PHS AGRITECH

ENT. NO.	PEDIGREE	ZONE CODE	ORIGIN	REPLICATION			
				R1	R2	R3	
1	E H - 1810	ALL	DMR-431	UDAIPUR	7111	7170	7191
2	E H - 1820	ALL	DMR-432	UDAIPUR	7109	7169	7197
3	L - 183	ALL	DMR-433	BAJAURA	7128	7162	7172
4	E H B - 1579	ALL	DMR-434	BAJAURA	7130	7155	7175
5	K M H - 22168	ALL	DMR-435	KOLHAPUR	7115	7145	7178
6	HYB R - 2006 - 2	ALL	DMR-436	KANPUR	7113	7148	7177
7	J H - 31153	ALL	DMR-437	LUDHIANA	7121	7159	7203
8	J H - 11320	ALL	DMR-438	LUDHIANA	7105	7167	7198
9	J H - 11508	ALL	DMR-439	LUDHIANA	7118	7150	7186
10	J H - 11535	ALL	DMR-440	LUDHIANA	7102	7158	7187
11	B H - 40625	ALL	DMR-441	HYDERABAD	7122	7136	7192
12	B H - 40702	ALL	DMR-442	HYDERABAD	7104	7138	7194
13	B H - 40703	ALL	DMR-443	HYDERABAD	7132	7152	7174
14	B H - 40704	ALL	DMR-444	HYDERABAD	7126	7137	7181
15	B H - 40705	ALL	DMR-445	HYDERABAD	7133	7166	7193
16	B H - 40706	ALL	DMR-446	HYDERABAD	7110	7143	7183
17	K D M - 322	ALL	DMR-447	SRINAGAR	7129	7160	7173
18	K D M - 438	ALL	DMR-448	SRINAGAR	7117	7141	7182
19	A H - 503	ALL	DMR-449	DELHI	7119	7142	7171
20	A H - 504	ALL	DMR-450	DELHI	7123	7156	7179
21	A H - 505	ALL	DMR-451	DELHI	7135	7157	7180
22	A H - 507	ALL	DMR-452	DELHI	7127	7144	7176
23	A H - 510	ALL	DMR-453	DELHI	7101	7151	7204
24	H K H - 300M	ALL	DMR-454	KARNAL	7120	7168	7199
25	KAVERI - 218	ALL	DMR-455	KAVERI SEED'S	7112	7146	7184
26	EURO - 1201	ALL	DMR-456	ENERGY SEED	7107	7147	7205
27	K D M H - 1001	ALL	DMR-457	KRISHIDHAN SEEDS	7124	7161	7201
28	C.P.828	ALL	DMR-458	CHAROEN POKPHAND	7103	7163	7202
29	C.P.838	ALL	DMR-459	CHAROEN POKPHAND	7106	7139	7195
30	X - 789	ALL	DMR-460	KANCHANGANGA	7116	7140	7185
31	P H S - 26	ALL	DMR-461	PHS AGRITECH	7131	7154	7200
32	HYBRID MAIZE C-302	ALL	DMR-462	SPIC	7114	7165	7196
33	HYBRID MAIZE SAKTHI	ALL	DMR-463	SPIC	7108	7153	7188
CHECKS:							
34	NAVJOT	ALL	DMR-464	LUDHIANA	7125	7149	7189
35	BIO- 9637	ALL	DMR-465	BIO SEED'S	7134	7164	7190

PATHOLOGY : BAJAURA, DHAULA KUAN, ALMORA, LUDHIANA, DELHI,
 KARNAL, PANTNAGAR, DHOLI, JASHIPUR, HYDERABAD,
 COIMBATORE, MANDYA, NAGENAHALLI, UDAIPUR, RANCHI

NEMATOLOGY: UDAIPUR

SOIL SCIENCE : PANTNAGAR

** SEED FOR PATHOLOGY IS FOUR ROW AND TWO REPLICATION

TRIAL NO. 62A MEDIUM MATURITY (IET)

YEAR 2007 KHARIF
 REPLICATION 4
 ROW NO 2
 ROW LENGTH 4 m

LOCATION : SRINAGAR , POONCH, BAJAURA, KANGRA, ALMORA, BARAPNI
 JORHAT , DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR
 VARANASI, BELIPAR, DHOLI, JASHIPUR, RANCHI, AMBIKAPUR
 HYDERABAD, KARIMNAGAR, KOLHAPUR, ARBHAVI, MANDYA,
 COIMBATORE , UDAIPUR, BANSWARA, GODHRA, CHHINDWARA
 KAVERI SEED'S, KANCHANGA, PHS AGRITECH

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION			
					R1	R2	R3	R4
1	H K H 302	ALL	DMR-571	KARNAL	7553	7558	7566	7571
2	K L M - 1	ALL	DMR-572	KANGRA	7554	7561	7563	7570
3	BISCO - 111	ALL	DMR-573	BISCO BIO SCI	7551	7559	7568	7569
4	BISCO - 555	ALL	DMR-574	BISCO BIO SCI	7555	7562	7567	7572
CHECKS:								
5	NAVJOT	ALL	DMR-575	LUDHIANA	7556	7560	7565	7574
6	BIO - 9637	ALL	DMR-576	BIO SEEDS	7552	7557	7564	7573

PATHOLOGY : BAJAURA, DHAULA KUAN, ALMORA, LUDHIANA, DELHI,
 KARNAL, PANTNAGAR, DHOLI, JASHIPUR, HYDERABAD,
 COIMBATORE, MANDYA, NAGENAHALLI, UDAIPUR, RANCHI
 BARAPANI

ENTOMOLOGY: DELHI, LUDHIANA, KARNAL, DHOLI, HYDERABAD, KOLHAPUR,
 UDAIPUR

NEMATOLOGY: UDAIPUR

SOIL SCIENCE : PANTNAGAR

TRIAL NO. 63 EARLY MATURITY (IET)

YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 2
 ROW LENGTH 4 m

LOCATION : SRINAGAR , POONCH, BAJAURA, KANGRA, ALMORA, BARAPNI
 JORHAT, DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR,
 VARANASI, BELIPAR, DHOLI, JASHIPUR, RANCHI, AMBIKAPUR,
 HYDERABAD, KARIMNAGAR, KOLHAPUR, ARBHAVI, MANDYA,
 COIMBATORE , UDAIPUR, BANSWARA, GODHRA, CHHINDWARA
 KAVERI SEED'S, KANCHANGANGA, ENERGY SEED

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION		
					R1	R2	R3
1	E H - 1731	ALL	DMR-401	UDAIPUR	7015	7038	7064
2	E H - 1856	ALL	DMR-402	UDAIPUR	7006	7044	7046
3	F H - 3438	ALL	DMR-403	ALMORA	7002	7040	7063
4	JAU-PMC - 1	ALL	DMR-404	POONCH	7019	7026	7047
5	HYB R - 2006 - 1	ALL	DMR-405	KANPUR	7001	7034	7060
6	J H - 31110	ALL	DMR-406	LUDHIANA	7014	7023	7066
7	J H - 31172	ALL	DMR-407	LUDHIANA	7004	7036	7058
8	J H - 3956	ALL	DMR-408	LUDHIANA	7011	7037	7056
9	J H - 31056	ALL	DMR-409	LUDHIANA	7018	7031	7052
10	B H - 40623	ALL	DMR-410	HYDERABAD	7016	7042	7053
11	KIRAN (C)	ALL	DMR-411	LUDHIANA	7008	7024	7045
12	PARKASH (C)	ALL	DMR-412	LUDHIANA	7020	7035	7061
13	X - 3342 (C)	ALL	DMR-413	P O C	7003	7028	7065
14	NARMADA MOTI (C)	ALL	DMR-414	GODHRA	7010	7027	7059
15	B H - 40701	ALL	DMR-415	HYDERABAD	7005	7032	7062
16	A H - 6608	ALL	DMR-416	DELHI	7009	7043	7051
17	A H - 7536	ALL	DMR-417	DELHI	7013	7029	7055
18	A H - 7540	ALL	DMR-418	DELHI	7022	7041	7054
19	U M C - 1	ALL	DMR-419	BELIPAR	7017	7039	7057
20	KAVERI SUPER - 2020	ALL	DMR-420	KAVERI SEED'S	7021	7025	7049
21	EURO - 1202	ALL	DMR-421	ENERGY SEED	7012	7033	7048
22	X - 121	ALL	DMR-422	KANCHANGANGA	7007	7030	7050

PATHOLOGY : BAJAURA, DHAULA KUAN, ALMORA, LUDHIANA, DELHI,
 KARNAL, PANTNAGAR, DHOLI, JASHIPUR, HYDERABAD,
 COIMBATORE, MANDYA, NAGENAHALLI, UDAIPUR, RANCHI
 BARAPANI

NEMATOLOGY: UDAIPUR

SOIL SCIENCE : PANTNAGAR

* SEED FOR PATHOLOGY IS FOUR ROW AND TWO REPLICATION

TRIAL NO. 64 EXTRA EARLY MATURITY (IET)

YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 2
 ROW LENGTH 4 m

LOCATION : SRINAGAR , POONCH, BAJAURA, KANGRA, ALMORA, HARAPNI,
 JORHAT , DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR,
 VARANASI, BELIPAR, DHOLI, JASHIPUR, RANCHI, AMBIKAPUR,
 HYDERABAD, KARIMNAGAR, KOLHAPUR, ARHAVI, MANDYA,
 COIMBATORE , UDAIPUR, BANSWARA, GODHRA, CHHINDWARA

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION		
					R1	R2	R3
1	D E H - 149	ALL	DMR - 381	PANTNAGAR	6915	6923	6942
2	D E H - 151	ALL	DMR - 382	PANTNAGAR	6917	6929	6952
3	D E H - 153	ALL	DMR - 383	PANTNAGAR	6916	6921	6953
4	D E H - 163	ALL	DMR - 384	PANTNAGAR	6906	6928	6951
5	F H - 3414	ALL	DMR - 385	ALMORA	6908	6925	6937
6	F H - 3425	ALL	DMR - 386	ALMORA	6914	6930	6940
7	F H - 3433	ALL	DMR - 387	ALMORA	6901	6926	6943
8	HIM - 129 (C)	ALL	DMR - 396	ALMORA	6907	6935	6938
9	VIVEK HYBRID - 9 (C)	ALL	DMR - 397	ALMORA	6903	6927	6954
10	VIVEK HYBRID - 17 (C)	ALL	DMR - 398	ALMORA	6912	6920	6944
11	F H - 3440	ALL	DMR - 388	ALMORA	6909	6919	6946
12	F Q H - 38	ALL	DMR - 389	ALMORA	6911	6933	6950
13	F Q H - 40	ALL	DMR - 390	ALMORA	6918	6922	6949
14	F Q H - 44	ALL	DMR - 391	ALMORA	6902	6931	6947
15	A H 501	ALL	DMR - 392	DELHI	6913	6932	6945
16	A H 502	ALL	DMR - 393	DELHI	6905	6924	6941
17	A H 506	ALL	DMR - 394	DELHI	6910	6934	6948
18	A H 514	ALL	DMR - 395	DELHI	6904	6936	6939

PATHOLOGY : BAJAURA, DHAULA KUAN, ALMORA, LUDHIANA, DELHI,
 KARNAL, PANTNAGAR, DHOLI, JASHIPUR, HYDERABAD,
 COIMBATORE, MANDYA, NAGENAHALLI, UDAIPUR, RANCHI
 BARAPANI

NEMATOLOGY: UDAIPUR

SOIL SCIENCE : PANTNAGAR

* SEED FOR PATHOLOGY IS FOUR ROW AND TWO REPLICATION

TRIAL NO. 65 Z -2 FULL SEASON MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 4
 ROW LENTH 4

LOCAION: DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR
 J K AGRI, POC, ADVANTA

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION		
					R1	R2	R3
1	B H - 4064	2	DMR-351	HYDERABAD	6755	6760	6769
2	B H - 4070	2	DMR-352	HYDERABAD	6751	6764	6768
3	J K M H - 502	2	DMR-353	JK AGRI	6754	6766	6771
4	30 R 88	2	DMR-354	POC	6757	6762	6774
5	PARBHAT (FILLER)	2	DMR-355	LUDHIANA	6753	6763	6770
CHECKS:							
6	SEEDTEC - 2324	2	DMR-356	SEDTEC	6756	6759	6773
7	BIO - 9681	2	DMR-357	BIO SEED	6752	6761	6767
8	PRO - 311	2	DMR-358	PROAGRO	6758	6765	6772

TRIAL NO. 65 A Z234 FULL SEASON MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF
 REPLICATION 4
 ROW NO 4
 ROW LENTH 4 m

LOCAION : DELHI, LUDHIANA, KARNAL , PANTNAGAR , KANPUR
 VARANASI , BELIPAR , DHOLI, JASHIPUR, RANCHI
 AMBIKAPUR, HYDERABAD , KARIMNAGAR , KOLHAPUR
 ARBHAVI, MANDYA, COIMBATORE , ADVANTA

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION			
					R1	R2	R3	R4
1	P A C - 740	2,3,4	DMR-551	ADVANTA	7603	7611	7618	7620
2	DMR SYNTHETIC - 4	2	DMR-552	DMR	7602	7610	7617	7621
CHECKS:								
3	SEEDTEC - 2324	2,3,4	DMR-553	SEDTEC	7606	7607	7614	7623
4	BIO - 9681	2,3,4	DMR-554	BIO SEED	7604	7608	7615	7619
5	PRO - 311	2,3,4	DMR-555	PROAGRO	7605	7612	7613	7622
6	PARBHAT	2,3,4	DMR-556	LUDHAA	7601	7609	7616	7624

TRIAL NO. 65 Z - 3 FULL SEASON MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 4
 ROW LENTH 4 m

LOCAION: VARANASI, BELIPAR, DHOLI, JASHIPUR, RANCHI,
 AMBIKAPUR, POC, SHAKTI SEED, ADVANTA

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION		
					R1	R2	R3
1	J H - 11116	3	DMR-361	LUDHIANA	6808	6817	6821
2	J H - 11117	3	DMR-362	LUDHIANA	6807	6819	6822
3	B H - 4065	3	DMR-363	HYDERABAD	6809	6813	6826
4	B H - 4066	3	DMR-364	HYDERABAD	6805	6818	6823
5	S M H - 3904	3	DMR-365	SHAKTI SEEDS	6802	6816	6830
6	30 R 88	3	DMR-366	POC	6810	6815	6824
7	PARBHAT (FILLER)	3	DMR-367	LUDHIANA	6803	6814	6825
CHECKS:							
8	SEEDTEC - 2324	3	DMR-368	SEDTEC	6806	6811	6827
9	BIO - 9681	3	DMR-369	BIO SEED	6801	6812	6829
10	PRO - 311	3	DMR-370	PROAGRO	6804	6820	6828

TRIAL NO. 65 Z -4 FULL SEASON MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 4
 ROW LENTH 4 m

LOCAION: HYDERABAD, KARIMNAGAR, KOLHAPUR, MANDYA, COIMBATORE,
 ARBHAVI, SHAKTI SEEDS, KAVERI SEEDS, JK AGRI, POC

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION		
					R1	R2	R3
1	P R O - 371	4	DMR-371	PROAGRO	6832	6847	6853
2	S M H - 3904	4	DMR-372	SHAKTI SEEDS	6831	6842	6855
3	22 K 40	4	DMR-373	KAVERI SEEDS	6834	6848	6850
4	30 R 88	4	DMR-374	POC	6839	6846	6849
5	PARBHAT (FILLER)	4	DMR-375	LUDHIANA	6838	6845	6851
6	M C H - 33	4	DMR-376	MONSANTO	6833	6844	6852
CHECKS:							
7	SEEDTEC - 2324	4	DMR-377	SEDTEC	6835	6840	6856
8	BIO - 9681	4	DMR-378	BIO SEED	6837	6843	6854
9	PRO - 311	4	DMR-379	PROAGRO	6836	6841	6857

TRIAL NO. 66 Z -1,3 MEDIUM MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF

REPLICATION 4

ROW NO 4

ROW LENGTH 4 m

LOCATION : SRINAGAR , POONCH, BAJAURA, KANGRA, ALMORA, BARAPNI, JORHAT
VARANASI, BELIPAR, DHOLI, JASHIPUR, RANCHI, AMBIKAPUR

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION			
					R1	R2	R3	R4
1	E H - 1753 (RETEST)	1,3	DMR-301	UDAIPUR	6601	6607	6614	6620
2	E H - 1491 (RETEST)	1,3	DMR-302	UDAIPUR	6605	6608	6611	6618
3	E H - 1561 (RETEST)	1,3	DMR-303	UDAIPUR	6604	6606	6615	6617
CHECKS:								
4	NAVJOT	1,3	DMR-304	LUDHIANA	6602	6609	6613	6616
5	BIO- 9637	1,3	DMR-305	BIO SEED'S	6603	6610	6612	6619

TRIAL NO. 66 Z-2 MEDIUM MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF

REPLICATION 4

ROW NO 4

ROW LENGTH 4 m

LOCATION: DELHI, LUDHIANA, KARNAL , PANTNAGAR , KANPUR

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION			
					R1	R2	R3	R4
1	E H - 1753 (RETEST)	2	DMR-311	UDAIPUR	6623	6627	6638	6641
2	E H - 1491 (RETEST)	2	DMR-312	UDAIPUR	6624	6631	6635	6640
3	B H - 4062	2	DMR-313	HYDERABAD	6625	6628	6633	6642
4	B H - 4069	2	DMR-314	HYDERABAD	6622	6629	6637	6639
CHECKS:								
5	NAVJOT	2	DMR-315	LUDHIANA	6626	6630	6634	6644
6	BIO- 9637	2	DMR-316	BIO SEED'S	6621	6632	6636	6643

TRIAL NO. 66 Z-4 MEDIUM MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF
 REPLICATION 4
 ROW NO 4
 ROW LENTH 4 m
 LOCAION: HYDERABAD , KARIMNAGAR , KOLHAPUR , MANDYA
 COIMBATORE , ARBHAVI , KAVERI SEEDS

ENT. PEDIGREE NO.	ZONE CODE	ORIGIN	REPLICATION			
			R1	R2	R3	R4
1 E H - 1753 (RETEST)	4	DMR-321 UDAIPUR	6652	6662	6672	6678
2 E H - 1491 (RETEST)	4	DMR-322 UDAIPUR	6651	6666	6673	6679
3 E H - 1561 (RETEST)	4	DMR-323 UDAIPUR	6656	6659	6669	6676
4 B H - 4062	4	DMR-324 HYDERABAD	6655	6665	6667	6677
5 V - 37	4	DMR-325 VARANASI	6658	6664	6670	6682
6 25 K 60	4	DMR-326 KAVERISEED'S	6654	6660	6671	6681
CHECKS:						
7 NAVJOT	4	DMR-327 LUDHIANA	6657	6661	6674	6680
8 BIO- 9637	4	DMR-328 BIO SEED'S	6653	6663	6668	6675

TRIAL NO. 66 Z -5 MEDIUM MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF
 REPLICATION 4
 ROW NO 4
 ROW LENTH 4 m
 LOCAION: UDAIPUR , BANSWARA , GODHRA , CHHINDWARA

ENT. PEDIGREE NO.	ZONE CODE	ORIGIN	REPLICATION			
			R1	R2	R3	R4
1 E H - 1753 (RETEST)	5	DMR-331 UDAIPUR	6701	6720	6725	6732
2 E H - 1491 (RETEST)	5	DMR-332 UDAIPUR	6703	6719	6723	6734
3 E H - 1561 (RETEST)	5	DMR-333 UDAIPUR	6702	6718	6726	6739
4 L - 229	5	DMR-334 BAJAURA	6710	6716	6722	6736
5 L - 230	5	DMR-335 BAJAURA	6704	6715	6729	6740
6 B H - 4067	5	DMR-336 HYDERABAD	6708	6711	6724	6737
7 B H - 4068	5	DMR-337 HYDERABAD	6709	6717	6721	6738
8 SEEDTEC-2324 (FILLER)	5	DMR-338 BISCO BIO SCI.	6705	6713	6727	6731
CHECKS:						
9 NAVJOT	5	DMR-339 LUDHIANA	6707	6712	6730	6733
10 BIO- 9637	5	DMR-340 BIO SEED'S	6706	6714	6728	6735

TRIAL NO. 66A Z-5 MEDIUM MATURITY (AET 1st YEAR)
 YEAR 2007 KHARIF
 REPLICATION 6
 ROW NO 4
 ROW LENTH 4 m
 LOCAION: UDAIPUR , BANSWARA , GODHRA , CHHINDWARA
 BSCO BIO SCI (PLANT IN ZONE 5 ONLY)

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION					
					R1	R2	R3	R4	R5	R6
1	BISCO - 855	5	DMR - 561	BISCO BIO SCI.	7523	7525	7531	7536	7538	7541
2	KLM - 7	5	DMR - 562	KAGRA	7521	7526	7529	7534	7540	7544
CHECKS:										
3	NAVJOT	5	DMR - 563	LUDHIANA	7522	7528	7532	7535	7537	7542
4	BIO- 9637	5	DMR - 564	BIO SEED'S	7524	7527	7530	7533	7539	7543

TRIAL NO. 67 Z-1,2,3 EARLY MATURITY (AET 1st YEAR)
 YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 4
 ROW LENTH 4 m
 LOCAION : SRINAGAR , POONCH, BAJAURA, KANGRA, ALMORA, BARAPNI,
 JORHAT, DELHIM, LUDHIANA, KARNAL, PANTNAGAR, KANPUR,
 VARANASI, BELIPAR, DHOLI, JASHIPUR, RANCHI, AMBIKAPUR,
 MONSANTO* (PLANT IN ZONE 1 ONLY)

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION		
					R1	R2	R3
1	J H - 3978	2	DMR-271	LUDHIANA	6505	6511	6515
2	J C - 3284	3	DMR-272	LUDHIANA	6502	6514	6520
3	M C H - 35	1	DMR-273	MONSANTO	6501	6510	6519
CHECKS:							
4	KIRAN	1,2,3	DMR-274	LUDHIANA	6506	6509	6518
5	PARKASH	1,2,3	DMR-275	LUDHIANA	6503	6512	6521
6	X - 3342	1,2,3	DMR-276	UDAIPUR	6504	6508	6516
7	NARMADA MOTI	1,2,3	DMR-277	GODHRA	6507	6513	6517

TRIAL NO. 67 Z-4,5 EARLY MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 4
 ROW LENGTH 4 m

LOCATION: HYDERABAD, KARIMNAGAR, KOLHAPUR, MANDYA ,
 COIMBATORE, ARHAVI, UDAIPUR, BANSWARA, GODHRA,
 CHHINDWARA, MONSANTO* (PLANT IN ZONE 4 LOCATION ONLY)

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION		
					R1	R2	R3
1	E H - 1496	5	DMR-281	UDAIPUR	6535	6543	6554
2	COMP. R-2005-6	4,5	DMR-282	KANPUR	6536	6541	6557
3	J H - 3978	4,5	DMR-283	LUDHIANA	6540	6547	6558
4	J C - 3288	4	DMR-284	LUDHIANA	6531	6542	6553
5	U M H - 8	5	DMR-285	BELIPAR	6539	6544	6556
6	M C H - 35	4	DMR-286	MONSANTO	6533	6546	6555
CHECKS:							
7	KIRAN	4,5	DMR-287	LUDHIANA	6534	6550	6559
8	PARKASH	4,5	DMR-288	LUDHIANA	6537	6545	6552
9	X - 3342	4,5	DMR-289	UDAIPUR	6538	6548	6551
10	NARMADA MOTI	4,5	DMR-290	GODHRA	6532	6549	6560

TRIAL NO. 68 Z-1 EXTRA EARLY MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 4
 ROW LENGTH 4 m

LOCATION : SRINAGAR , POONCH, BAJAURA, KANGRA, ALMORA
 BARAPNI, JORHAT

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION		
					R1	R2	R3
1	F H - 3356	1	DMR-201	ALMORA	6302	6314	6326
2	F H - 3358	1	DMR-202	ALMORA	6310	6318	6321
3	V L - 113	1	DMR-203	ALMORA	6304	6315	6322
4	V L - 114	1	DMR-204	ALMORA	6306	6317	6323
5	COMP. R - 2005 - 5	1	DMR-205	KANPUR	6309	6320	6325
6	A H - 56191	1	DMR-206	DELHI	6308	6311	6324
CHECKS:							
7	HIM - 129	1	DMR-207	ALMORA	6307	6313	6328
8	SURYA	1	DMR-208	PANTNAGAR	6303	6319	6330
9	VIVEK HYBRID - 17	1	DMR-209	ALMORA	6305	6312	6327
10	VIVEK HYBRID - 9	1	DMR-210	ALMORA	6301	6316	6329

TRIAL NO. 68 Z-2 EXTRA EARLY MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 4
 ROW LENTH 4 m

LOCAION: DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION		
					R1	R2	R3
1	HIM - 129 (C)	2	DMR-211	ALMORA	6338	6344	6357
2	SURYA (C)	2	DMR-212	PANTNAGAR	6331	6347	6354
3	VIVEK HYBRID - 17 (C)	2	DMR-213	ALMORA	6334	6342	6353
4	VIVEK HYBRID - 9 (C)	2	DMR-214	ALMORA	6332	6348	6352
5	F H - 3358	2	DMR-215	ALMORA	6337	6343	6350
6	V L - 113	2	DMR-216	ALMORA	6339	6346	6349
7	COMP. R - 2005 - 5	2	DMR-217	KANPUR	6336	6341	6356
8	J H - 31041	2	DMR-218	LUDHIANA	6333	6340	6351
9	A H - 56191	2	DMR-219	DELHI	6335	6345	6355

TRIAL NO. 68 Z-3 EXTRA EARLY MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 4
 ROW LENTH 4 m

LOCAION: VARANASI, BELIPAR, DHOLI, JASHIPUR
 AMBIKAPUR, RANCHI

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION		
					R1	R2	R3
1	D E H - 146	3	DMR-221	PANTNAGAR	6361	6380	6393
2	D E H - 147	3	DMR-222	PANTNAGAR	6368	6376	6391
3	F H - 3356	3	DMR-223	ALMORA	6364	6378	6385
4	F H - 3358	3	DMR-224	ALMORA	6365	6372	6390
5	V L - 114	3	DMR-225	ALMORA	6366	6373	6389
6	COMP. R - 2005 - 5	3	DMR-226	KANPUR	6363	6375	6388
7	A H - 56191	3	DMR-227	DELHI	6367	6381	6387
CHECKS:							
8	HIM - 129	3	DMR-228	ALMORA	6370	6377	6386
9	SURYA	3	DMR-229	PANTNAGAR	6371	6374	6392
10	VIVEK HYBRID - 17	3	DMR-230	ALMORA	6362	6379	6384
11	VIVEK HYBRID - 9	3	DMR-231	ALMORA	6369	6382	6383

TRIAL NO. 68 Z-4 EXTRA EARLY MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 4
 ROW LENGTH 4 m

LOCATION: HYDERABAD , KARIMNAGAR , KOLHAPUR , MANDYA ,
 COIMBATORE , ARHAVI

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION		
					R1	R2	R3
1*	D E H - 137	4	DMR-241	PANTNAGAR	6411	6419	6438
2	D E H - 147	4	DMR-242	PANTNAGAR	6408	6426	6433
3	F H - 3356	4	DMR-243	ALMORA	6406	6418	6427
4	F H - 3358	4	DMR-244	ALMORA	6403	6417	6428
5	V L - 114	4	DMR-245	ALMORA	6409	6423	6430
6	COMP. R - 2005 - 5	4	DMR-246	KANPUR	6413	6420	6436
7	J H - 31041	4	DMR-247	LUDHIANA	6405	6421	6439
8	A H - 56191	4	DMR-248	DELHI	6412	6414	6435
9	A H - 5506	4	DMR-249	DELHI	6404	6422	6431
CHECKS:							
10	HIM - 129	4	DMR-250	ALMORA	6407	6424	6429
11	SURYA	4	DMR-251	PANTNAGAR	6401	6416	6434
12	VIVEK HYBRID - 17	4	DMR-252	ALMORA	6402	6425	6432
13	VIVEK HYBRID - 9	4	DMR-253	ALMORA	6410	6415	6437

* DUE TO LESS SEED ENTRY WAS NOT TESTED IN PATHOLOGY,
 ENTOMOLOGY ETC.

TRIAL NO. 68 Z5 EXTRA EARLY MATURITY (AET 1st YEAR)

YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 4
 ROW LENGTH 4 m

LOCATION : UDAIPUR, BANSWARA, GODHRA, CHHINDWARA

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION		
					R1	R2	R3
1	A H - 5506	5	DMR-261	DELHI	6458	6464	6477
2	HIM - 129 (C)	5	DMR-262	ALMORA	6451	6467	6474
3	SURYA (C)	5	DMR-263	PANTNAGAR	6454	6462	6473
4	VIVEK HYBRID-17 (C)	5	DMR-264	ALMORA	6452	6468	6472
5	VIVEK HYBRID - 9 (C)	5	DMR-265	ALMORA	6457	6463	6470
6	F H - 3358	5	DMR-266	ALMORA	6459	6466	6469
7	V L - 113	5	DMR-267	ALMORA	6456	6461	6476
8	COMP. R - 2005 - 5	5	DMR-268	KANPUR	6453	6460	6471
9	A H - 56191	5	DMR-269	DELHI	6455	6465	6475

TRIAL NO. 69 Z -2 FULL SEASON MATURITY (AET 2nd YEAR)

YEAR 2007 KHARIF
 REPLICATION 4
 ROW NO 6
 ROW LENTH 4 m
 LOCAION: DELHI, (2) LUDHIANA, (2) KARNAL (2),
 PANTNAGAR (2). KANPUR (2)

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION			
					R1	R2	R3	R4
1	30 R 77	2	DMR - 141	POC	6302	6307	6316	6323
2	J H - 10704	2	DMR - 142	LUDHIANA	6303	6311	6314	6324
CHECKS:								
3	PARBHAT	2	DMR - 145	LUDHIANA	6301	6312	6315	6322
4	SEEDTEC-2324	2	DMR - 146	SEDTEC	6306	6308	6313	6320
5	BIO - 9681	2	DMR - 147	BIO SEED	6305	6310	6318	6319
6	PRO - 311	2	DMR - 148	PROAGRO	6304	6309	6317	6321

TRIAL NO. 69 Z-3 FULL SEASON MATURITY (AET 2nd YEAR)

YEAR 2007 KHARIF
 REPLICATION 4
 ROW NO 6
 ROW LENTH 4 m
 LOCAION : VARANASI , BELIPAR , JASHIPUR, RANCHI, DHOLI, AMBIKAPUR

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION			
					R1	R2	R3	R4
1	30 R 77	3	DMR - 151	POC	6328	6335	6337	6344
CHECKS:								
2	PARBHAT	3	DMR - 153	LUDHIANA	6327	6331	6338	6345
3	SEEDTEC-2324	3	DMR - 154	SEDTEC	6326	6334	6340	6343
4	BIO - 9681	3	DMR - 155	BIO SEED	6330	6333	6336	6342
5	PRO - 311	3	DMR - 156	PROAGRO	6329	6332	6339	6341

TRIAL NO. 69 Z4 FULL SEASON MATURITY (AET 2nd YEAR)

YEAR 2007 KHARIF

REPLICATION 4

ROW NO 6

ROW LENGTH 4 m

LOCATION: HYDERABAD , KARIMNAGAR, (2) KOLHAPUR, (2) ARBHAVI, (2)
MANDYA, COIMBATORE (2) PHS AGRITECH

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION			
					R1	R2	R3	R4
1	30 R 77	4	DMR - 161	POC	6356	6358	6366	6378
2	PRO - 365	4	DMR - 162	PROAGRO	6357	6362	6371	6374
3	P H S - 54	4	DMR - 165	PHS AGRITECH	6352	6361	6365	6377
CHECKS:								
4	PARBHAT	4	DMR - 166	LUDHIANA	6351	6360	6370	6373
5	SEEDTEC-2324	4	DMR - 167	SEDTEC	6353	6363	6367	6372
6	BIO - 9681	4	DMR - 168	BIO SEED	6354	6359	6369	6375
7	PRO - 311	4	DMR - 169	PROAGRO	6355	6364	6368	6376

TRIAL NO. 70 Z- 1 MEDIUM MATURITY (AET 2 nd YEAR)

YEAR 2007 KHARIF

REPLICATION 6

ROW NO 6

ROW LENGTH 4 m

LOCATION : SRINAGAR , POONCH, BAJAURA, (2) KANGRA, (2) ALMORA, (2)
BARAPNI, JORHAT

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION					
					R1	R2	R3	R4	R5	R6
1	COMP. R-2005-4	1	DMR -171	KANPUR	6203	6206	6212	6215	6217	6224
CHECKS:										
2	NAVJOT	1	DMR -172	LUDHIANA	6204	6205	6210	6216	6219	6222
3	BIO - 9637	1	DMR -173	BIO SEED'S	6202	6207	6209	6214	6220	6221
4	M C H - 30	1	DMR -174	MONSANTO	6201	6208	6211	6213	6218	6223

TRIAL NO. 70 Z-3 MEDIUM MATURITY (AET 2 nd YEAR)

YEAR 2007 KHARIF
 REPLICATION 6
 ROW NO 6
 ROW LENGTH 4 m

LOCATION: VARANASI , BELIPAR , (2) DHOLI , (2) JASHIPUR , (2)
 RANCHI , AMBIKAPUR (2)

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION					
					R1	R2	R3	R4	R5	R6
1	L - 166 (RETESTING) CHECKS:	3	DMR 176	BAJAURA	6227	6231	6232	6236	6240	6241
2	NAVJOT	3	DMR 177	LUDHIANA	6226	6230	6234	6237	6238	6242
3	BIO - 9637	3	DMR 178	BIO SEED'S	6228	6229	6233	6235	6239	6243

TRIAL NO. 70 Z-4 MEDIUM MATURITY (AET 2 nd YEAR)

YEAR 2007 KHARIF
 REPLICATION 6
 ROW NO 6
 ROW LENGTH 4 m

LOCATION: HYDERABAD , KARIMNAGAR , (2) KOLHAPUR , (2) MANDYA , (2)
 COIMBATORE , (2) ARBHAVI (2) , JK AGRI*

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION					
					R1	R2	R3	R4	R5	R6
1	COMP. R -2005-4	4	DMR 181	KANPUR	6251	6256	6261	6266	6270	6273
2	J K M H - 702 CHECKS:	4	DMR 182	JK AGRI	6253	6255	6262	6264	6268	6274
3	NAVJOT	4	DMR 183	LUDHIANA	6254	6257	6260	6263	6267	6272
4	BIO - 9637	4	DMR 184	BIO SEED'S	6252	6258	6259	6265	6269	6271

* PLANT IN ZONE FOUR OTHER THAN HYDERABAD LOCATION .

TRIAL NO. 70 Z-5 MEDIUM MATURITY (AET 2 nd YEAR)

YEAR 2007 KHARIF
 REPLICATION 6
 ROW NO 6
 ROW LENTH 4 m

LOCAION: UDAIPUR , (2) BANSWARA , (2) GODHRA , (2) CHHINDWARA (2) ,
 J K AGRI* (PLANT IN ZONE FIVE LOCATION ONLY)

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION					
					R1	R2	R3	R4	R5	R6
1	J K M H - 702 CHECKS:	5	DMR 186	JK AGRI	6276	6281	6282	6286	6290	6292
2	NAVJOT	5	DMR 187	LUDHIANA	6277	6279	6284	6287	6289	6291
3	BIO - 9637	5	DMR 188	BIO SEED'S	6278	6280	6283	6285	6288	6293

* PLANT IN ZONE FIVE ONLY

TRIAL NO. 71 Z1 EARLY MATURITY (AET 2nd YEAR)

YEAR 2007 KHARIF
 REPLICATION 6
 ROW NO 6
 ROW LENTH 4 m

LOCAION : SRINAGAR , POONCH, BAJAURA, (2) KANGRA, (2) ALMORA, (2)
 BARAPNI, JORHAT

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION					
					R 1	R 2	R 3	R 4	R 5	R 6
1	L - 201 CHECKS:	1	DMR - 121	BAJAURA	6101	6106	6111	6116	6119	6124
2	KIRAN	1	DMR - 122	LUDHIANA	6104	6107	6110	6115	6120	6121
3	PARKASH	1	DMR - 123	LUDHIANA	6103	6108	6109	6114	6117	6123
4	X - 3342	1	DMR - 124	P O C	6102	6105	6112	6113	6118	6122

TRIAL NO. 71 Z4 EARLY MATURITY (AET 2nd YEAR)

YEAR 2007 KHARIF
 REPLICATION 4
 ROW NO 6
 ROW LENTH 4 m

LOCAION: HYDERABAD , KARIMNAGAR , (2) KOLHAPUR , (2)
 MANDYA , (2) COIMBATORE , (2) ARBHAVI (2)

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION			
					R 1	R 2	R 3	R 4
1	KIRAN (C)	4	DMR - 125	LUDHIANA	6127	6135	6139	6143
2	PARKASH (C)	4	DMR - 126	LUDHIANA	6128	6131	6137	6145
3	X - 3342 (C)	4	DMR - 127	P O C	6129	6133	6136	6142
4	COMP. R - 2005 - 2	4	DMR - 128	KANPUR	6126	6132	6140	6141
5	D - 131	4	DMR - 129	PANTNAGAR	6130	6134	6138	6144

TRIAL NO. 71 Z5 EARLY MATURITY (AET 2nd YEAR)

YEAR 2007 KHARIF
 REPLICATION 4
 ROW NO 6
 ROW LENTH 4 m

LOCAION: UDAIPUR , (2) BANSWARA , (2) GODHRA , (2)
 CHHINDWARA (2) , PROAGRO*
 (* PLANT IN ZONE FIVE LOCATION ONLY)

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION			
					R 1	R 2	R 3	R 4
1	P R O - 368	5	DMR - 131	PROAGRO	6153	6160	6161	6167
2	D - 131	5	DMR - 132	PANTNAGAR	6155	6157	6163	6169
CHECKS:								
3	KIRAN	5	DMR - 133	LUDHIANA	6152	6156	6164	6170
4	PARKASH	5	DMR - 134	LUDHIANA	6151	6159	6162	6168
5	X - 3342	5	DMR - 135	P O C	6154	6158	6165	6166

TRIAL NO. 72 Z1 EXTRA EARLY MATURITY (AET 2nd YEAR)

YEAR 2007 KHARIF
 REPLICATION 4
 ROW NO 6
 ROW LENTH 4 m
 LOCAION : SRINAGAR , POONCH, BAJAURA, (2) KANGRA, (2) ALMORA, (2)
 BARAPNI, JORHAT

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION			
					R 1	R 2	R 3	R 4
1	HIM - 129 (C)	1	DMR - 101	ALMORA	6001	6010	6020	6025
2	SURYA (C)	1	DMR - 102	PANTNAGAR	6008	6013	6023	6027
3	VIVEK HYBRID - 9 (C)	1	DMR - 103	ALMORA	6007	6016	6022	6028
4	VIVEK HYBRID - 17 (C)	1	DMR - 104	ALMORA	6004	6011	6017	6030
5	F H - 3294	1	DMR - 105	ALMORA	6006	6009	6021	6029
6	F H - 3352	1	DMR - 106	ALMORA	6002	6015	6024	6026
7	F Q H - 4567	1	DMR - 107	ALMORA	6003	6014	6018	6031
8	W C - 236 (Y)	1	DMR - 108	BANSWARA	6005	6012	6019	6032

TRIAL NO. 72 Z4 EXTRA EARLY MATURITY (AET 2nd YEAR)

YEAR 2007 KHARIF
 REPLICATION 4
 ROW NO 6
 ROW LENTH 4 m
 LOCAION: HYDERABAD , KARIMNAGAR , (2) KOLHAPUR , (2) MANDYA , (2)
 COIMBATORE , (2) ARBHAVI (2)

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION			
					R 1	R 2	R 3	R 4
1	F Q H - 4567	4	DMR - 111	ALMORA	6052	6060	6067	6073
2	B V M - 9	4	DMR - 112	RANCHI	6055	6062	6066	6070
CHECKS:								
3	HIM - 129	4	DMR - 113	ALMORA	6051	6059	6064	6072
4	SURYA	4	DMR - 114	PANTNAGAR	6053	6057	6068	6074
5	VIVEK HYBRID - 9	4	DMR - 115	ALMORA	6054	6061	6065	6069
6	VIVEK HYBRID - 17	4	DMR - 116	ALMORA	6056	6058	6063	6071

TRIAL NO. 75 FULL SEASON MATURITY
 YEAR 2007 KHARIF
 REPLICATION 2
 ROW NO 4
 ROW LENGTH 4 m

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION	
					R1	R2
		AET 1st	YEAR			
1	J H - 11116	3	DMR-801	LUDHIANA	7708	7744
2	J H - 11117	3	DMR-802	LUDHIANA	7701	7730
3	B H - 4064	2	DMR-803	HYDERABAD	7716	7736
4	B H - 4065	3	DMR-804	HYDERABAD	7709	7726
5	B H - 4066	3	DMR-805	HYDERABAD	7705	7733
6	B H - 4070	2	DMR-806	HYDERABAD	7702	7728
7	P R O - 371	4	DMR-807	PROAGRO	7711	7729
8	S M H - 3904	3,4	DMR-808	SHAKTI SEEDS	7703	7737
9	22 K 40	4	DMR-809	KAVERI SEEDS	7710	7740
10	J K M H - 502	2	DMR-810	JK AGRI	7717	7731
11	30 R 88	2,3,4	DMR-811	POC	7720	7739
12	P A C - 740	2,3,4	DMR-812	ADVANTA	7712	7735
13	M C H - 33	4	DMR-813	MONSANTO	7714	7723
		AET 2nd	YEAR			
14	30 R 77	2,3,4	DMR-814	POC	7718	7742
15	PRO - 365	4	DMR-815	PROAGRO	7721	7738
16	J H - 10704 (ONLY Z2	2,3	DMR-816	LUDHIANA	7707	7732
17	P H S - 54	4	DMR-817	PHS AGRITECH	7722	7743
	CHECKS:					
18	PARBHAT		DMR-818	LUDHIANA	7719	7724
19	SEEDTEC - 2324		DMR-819	SEDTEC	7704	7741
20	BIO - 9681		DMR-820	BIO SEED	7706	7725
21	PRO - 311		DMR-821	PROAGRO	7715	7734
22	LOCAL		-	-	7713	7727
23	DMR SYNTHETIC - 4		DMR-823	DMR	7713A	7727A

LOCATION:

PATHOLOGY : RAJAURA, DHAULA KUAN, ALMORA, LUDHIANA, DELHI, KARNAL, PANTNAGAR, DHOLI, JASHIPUR, HYDERABAD, COIMBATORE, MANDYA, NAGENAHALLI, UDAIPUR, RANCHI BARAPANI

ENTOMOLOGY: DELHI, LUDHIANA, KARNAL, DHOLI, HYDERABAD, KOLHAPUR, UDAIPUR

NEMATOLOGY: UDAIPUR

SOIL SCIENCE : PANTNAGAR

TRIAL NO. 76 MEDIUM MATURITY
 YEAR 2007 KHARIF
 REPLICATION 2
 ROW NO 4
 ROW LENGTH 4 m

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION	
					R1	R2
		AET 1st YEAR				
1	E H - 1753 (RETEST)	1,2,3,4,5	DMR-831	UDAIPUR	7755	7788
2	E H - 1491 (RETEST)	1,2,3,4,5	DMR-832	UDAIPUR	7767	7776
3	E H - 1561 (RETEST)	1, 3,4,5	DMR-833	UDAIPUR	7758	7779
4	L - 229	5	DMR-834	BAJAURA	7759	7774
5	L - 230	5	DMR-835	BAJAURA	7763	7781
6	B H - 4062	2, 4	DMR-836	HYDERABAD	7769	7773
7	B H - 4069	2	DMR-837	HYDERABAD	7768	7778
8	B H - 4067	5	DMR-838	HYDERABAD	7753	7787
9	B H - 4068	5	DMR-839	HYDERABAD	7752	7783
10	V - 37	4	DMR-840	VARANASI	7765	7771
11	25 K 60	4	DMR-841	KAVERI SEED'S	7764	7790
12	BISCO - 855	5	DMR-842	BISCO BIO SCI.	7751	7782
13	KLM - 7	5	DMR-843	KAGRA	7760	7785
		AET 2nd YEA				
14	L - 166 (RETESTING)	3	DMR-844	BAJAURA	7761	7775
15	COMP. R - 2005 - 4	1,4	DMR-845	KANPUR	7754	7784
16	J K M H - 702	4,5	DMR-846	JK AGRI	7766	7772
17	M C H - 30	1	DMR-847	MONSANTO	7757	7780
	CHECKS:					
18	BIO - 9637		DMR-848	BIO SEED'S	7762	7786
19	NAVJOT		DMR-849	LUDHIANA	7756	7777
20	LOCAL		-	-	7770	7789

LOCATION:

PATHOLOGY : BAJAURA, DHAULA KUAN, ALMORA, LUDHIANA, DELHI, KARNAL, PANTNAGAR, DHOLI, JASHIPUR, HYDERABAD, COIMBATORE, MANDYA, NAGENAHALLI, UDAIPUR, RANCHI BARAPANI

ENTOMOLOGY: DELHI, LUDHIANA, KARNAL, DHOLI, HYDERABAD, KOLHAPUR, UDAIPUR

NEMATOTOLOGY: UDAIPUR

SOIL SCIENCE : PANTNAGAR

TRIAL NO. 77 EARLY MATURITY
 YEAR 2007 KHARIF
 REPLICATION 2
 ROW NO 4
 ROW LENGTH 4 m

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION	
					R1	R2
		AET 1st YEAR				
1	E H - 1496	5	DMR-851	UDAIPUR	7804	7827
2	COMP. R - 2005-6	4,5	DMR-852	KANPUR	7807	7821
3	J H - 3978	2,4,5	DMR-853	LUDHIANA	7801	7826
4	J C - 3288	4	DMR-854	LUDHIANA	7802	7828
5	J C - 3284	3	DMR-855	LUDHIANA	7813	7823
6	U M H - 8	5	DMR-856	BELIPAR	7811	7819
7	M C H - 35	1,4	DMR-857	MONSANTO	7816	7817
		AET 2nd YEA				
8	L - 201	1	DMR-858	BAJAURA	7805	7831
9	COMP. R - 2005 - 2	4	DMR-859	KANPUR	7806	7820
10	P R O - 368	5	DMR-860	PROAGRO	7810	7825
11	D - 131	4,5	DMR-861	PANTNAGAR	7814	7830
	CHECKS:					
12	KIRAN		DMR-862	LUDHIANA	7812	7824
13	PARKASH		DMR-863	LUDHIANA	7803	7832
14	X - 3342		DMR-864	UDAIPUR	7809	7829
15	NARMADA MOTI		DMR-865	GODHRA	7808	7822
16	LOCAL		-	-	7815	7818

LOCATION:

PATHOLOGY : BAJAURA, DHAULA KUAN, ALMORA, LUDHIANA, DELHI, KARNAL, PANTNAGAR, DHOLI, JASHIPUR, HYDERABAD, COIMBATORE, MANDYA, NAGENAHALLI, UDAIPUR, RANCHI BARAPANI

ENTOMOLOGY: DELHI, LUDHIANA, KARNAL, DHOLI, HYDERABAD, KOLHAPUR, UDAIPUR

NEMATOLOGY: UDAIPUR

SOIL SCIENCE : PANTNAGAR

TRIAL NO. 78 EXTRA EARLY MATURITY
 YEAR 2007 KHARIF
 REPLICATION 2
 ROW NO 4
 ROW LENGTH 4 m

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION	
					R1	R2
AET 1st YEAR						
1	PARKASH (FILLER)		DMR-871	LUDHIANA	7861	7875
2	D E H - 146	3	DMR-872	PANTNAGAR	7860	7890
3	D E H - 147	3,4	DMR-873	PANTNAGAR	7866	7882
4	F H - 3356	1, 3,4	DMR-874	ALMORA	7857	7877
5	F H - 3358	1,2,3,4,5	DMR-875	ALMORA	7851	7892
6	V L - 113	1,2, 5	DMR-876	ALMORA	7852	7879
7	V L - 114	1, 3,4	DMR-877	ALMORA	7856	7885
8	COMP. R - 2005 - 5	1,2,3,4,5	DMR-878	KANPUR	7853	7884
9	J H - 31041	2, 4	DMR-879	LUDHIANA	7863	7881
10	A H - 56191	1,2,3,4,5	DMR-880	DELHI	7864	7887
11	A H - 5506	4,5	DMR-881	DELHI	7862	7889
AET 2nd YEAR						
12	F H - 3294	1	DMR-882	ALMORA	7858	7880
13	F H - 3352	1	DMR-883	ALMORA	7870	7873
14	F Q H - 4567	1,4	DMR-884	ALMORA	7871	7872
15	W C - 236 (Y)	1	DMR-885	BANSWARA	7869	7874
16	B V M - 9	4	DMR-886	RANCHI	7859	7876
CHECKS:						
17	HIM - 129		DMR-887	ALMORA	7854	7886
18	SURYA		DMR-888	PANTNAGAR	7868	7878
19	VIVEK HYBRID - 9	1,4	DMR-889	ALMORA	7867	7883
20	VIVEK HYBRID - 17		DMR-890	ALMORA	7855	7891
21	LOCAL		-	-	7865	7888

LOCATION:

PATHOLOGY : BAJAURA, DHAULA KUAN, ALMORA, LUDHIANA, DELHI, KARNAL, PANTNAGAR, DHOLI, JASHIPUR, HYDERABAD, COIMBATORE, MANDYA, NAGENAHALLI, UDAIPUR, RANCHI BARAPANI

ENTOMOLOGY: DELHI, LUDHIANA, KARNAL, DHOLI, HYDERABAD, KOLHAPUR, UDAIPUR

NEMATOLOGY: UDAIPUR

SOIL SCIENCE : PANTNAGAR

TRIAL NO. BABY CORN

YEAR 2007 KHARIF
 REPLICATION 4
 ROW NO 4
 ROW LENGTH 4 m

LOCATION : BAJAURA, ALMORA, DELHI, LUDHIANA, KARNAL, PANTNAGAR
 DHOLI, HYDERABAD, KOLHAPUR, MANDYA, COIMBATORE
 UDAIPUR, CHHINDWARA

ENT. NO.	PEDIGREE	CODE	ORIGIN	REPLICATION			
				R1	R2	R3	R4
1	F H - 3311	BABI - 1	ALMORA	7902	7911	7920	7929
2	V L - BABY CORN 1	BABI - 2	ALMORA	7901	7910	7921	7932
3	IYC - 9006	BABI - 3	GODHRA	7904	7913	7917	7931
4	BABY CORN 7540	BABI - 4	DELHI	7903	7916	7919	7926
5	BABY CORN 7536	BABI - 5	DELHI	7907	7909	7922	7928
6	H M - 4	BABI - 6	KARNAL	7906	7915	7924	7930
7	X - 3342	BABI - 7	POC	7908	7912	7918	7927
8	PARKASH	BABI - 8	LUDHIANA	7905	7914	7923	7925

TRIAL NO. SWEET CORN TRIAL

YEAR 2007 KHARIF
 REPLICATION 3
 ROW NO 4
 ROW LENGTH 4 m

LOCATION : BAJAURA, ALMORA, DELHI (DMR), LUDHIANA,
 KARNAL, PANTNAGAR, VARANASI, BELIPAR, DHOLI,
 HYDERABAD, KOLHAPUR, COIMBATORE, UDAIPUR
 CHHINDWARA

ENT. NO.	PEDIGREE	CODE	ORIGIN	REPLICATION			
				R1	R2	R3	R4
1	J C 1 SWEET	SWEET -1	LUDHIANA	7953	7963	7966	7972
2	HYB	SWEET -2	HYD07R/ 1799X1800	7951	7960	7969	7975
3	WIN YELLOW SWEET CORN	SWEET -3	HYDERABAD	7952	7964	7968	7977
4	WIN SWEET CORN	SWEET -4	HYDERABAD	7955	7959	7970	7973
5	MADHURI	SWEET -5	HYDERABAD	7954	7958	7967	7978
6	PRIYA	SWEET -6	HYDERABAD	7956	7961	7971	7976
7	WIN ORANGE SWEET CORN	SWEET -7	HYDERABAD	7957	7962	7965	7974

TRIAL NO. QPM 1
 YEAR 2007 KHARIF
 REPLICATION 6
 ROW NO 2
 ROW LENTH 4 m
 LOCAION : ALMORA , BAJAURA, DMR, LUDHIANA, KARNAL, DHOLI
 VARANASI, JASHIPUR, HYDERABAD, KOLHAPUR, ARBHAVI
 UDAIPUR, CHHINDWARA

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION					
					R1	R2	R3	R4	R5	R6
1	V E H QPM - 3027	ALL	DMRQPM-1	VARANASI	7903	7906	7909	7916	7919	7924
2	HQPM - 13	ALL	DMRQPM-2	KARNAL	7901	7905	7910	7915	7918	7922
3	HQPM - 14	ALL	DMRQPM-3	KARNAL	7902	7908	7911	7913	7920	7921
CHECK :										
4	HQPM 1	ALL	DMRQPM-4	KARNAL	7904	7907	7912	7914	7917	7923

PATHOLOGY : ALMORA, LUDHIANA, DHOLI, NAGENAHALLI
 UDAIPUR, RANCHI

ENTOMOLOGY: DELHI, LUDHIANA, HYDERABAD, UDAIPUR

TRIAL NO. QPM 2
 YEAR 2007 KHARIF
 REPLICATION 4
 ROW NO 4
 ROW LENTH 4 m
 LOCAION : ALMORA , BAJAURA, DMR, LUDHIANA, KARNAL, DHOLI
 VARANASI, JASHIPUR, HYDERABAD, KOLHAPUR, ARBHAVI
 UDAIPUR, CHHINDWARA

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION					
					R1	R2	R3	R4	R5	R6
1	V QPM - 306	ALL	DMRQPM-6	VARANASI	7927	7934	7936	7941	7943	7949
2	J H QPM-193	ALL	DMRQPM-7	LUDHIANA	7928	7931	7937	7940	7946	7947
3	HQPM - 8	ALL	DMRQPM-8	KARNAL	7930	7933	7935	7942	7944	7948
CHECK :										
4	H QPM - 1	ALL	DMRQPM-9	KARNAL	7929	7932	7938	7939	7945	7950

PATHOLOGY : ALMORA, LUDHIANA, DHOLI, NAGENAHALLI
 UDAIPUR, RANCHI

ENTOMOLOGY: DELHI, LUDHIANA, HYDERABAD, UDAIPUR

TRIAL NO. QPM 3
 YEAR 2007 KHARIF
 REPLICATION 4
 ROW NO 2
 ROW LENTH 4 m
 LOCAION : ALMORA , BAJAURA, DMR, LUDHIANA, KARNAL, DHOLI
 VARANASI, JASHIPUR, HYDERABAD, KOLHAPUR, ARBHAVI
 UDAIPUR, CHHINDWARA

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN	REPLICATION					
					R1	R2	R3	R4	R5	R6
1	HQPM - 6	ALL	DMRQPM-11	KARNAL	7952	7954	7957	7961	7965	7967
2	HQPM - 7	ALL	DMRQPM-12	KARNAL	7953	7955	7959	7960	7964	7968
CHECK :										
3	HQPM - 1	ALL	DMRQPM-13	KARNAL	7951	7956	7958	7962	7963	7966

PATHOLOGY : ALMORA, LUDHIANA, DHOLI, NAGENAHALLI
 UDAIPUR, RANCHI
 ENTOMOLOGY: DELHI, LUDHIANA, HYDERABAD, UDAIPUR

AGRONOMIC TRIAL : - N x G YEAR 2007

FULL SEASON MATURITY

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN
1	30 R 77	2	DMR - 141	POC
2	J H - 10704	2	DMR - 142	LUDHIANA
CHECKS:				
3	PARBHAT	2	DMR - 145	LUDHIANA
4	SEEDTEC - 2324	2	DMR - 146	SEDTEC
5	BIO - 9681	2	DMR - 147	BIO SEED
6	PRO - 311	2	DMR - 148	PROAGRO

ZONE - 2

LOCAION : DELHI, LUDHIANA, KANPUR, KARNAL, PANTNAGAR

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN
1	30 R 77	3	DMR - 151	POC
CHECKS:				
2	PARBHAT	3	DMR - 153	LUDHIANA
3	SEEDTEC - 2324	3	DMR - 154	SEDTEC
4	BIO - 9681	3	DMR - 155	BIO SEED
5	PRO - 311	3	DMR - 156	PROAGRO

ZONE -3

LOCAION : VARANASI , BAHARAICH, DHOLI, JASHIPUR, RANCHI, AMBIKAPUR

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN
1	30 R 77	4	DMR - 161	POC
2	PRO - 365	4	DMR - 162	PROAGRO
3	P H S - 54	4	DMR - 165	PHS AGRITECH
CHECKS:				
4	PARBHAT	4	DMR - 166	LUDHIANA
5	SEEDTEC - 2324	4	DMR - 167	SEDTEC
6	BIO - 9681	4	DMR - 168	BIO SEED
7	PRO - 311	4	DMR - 169	PROAGRO

ZONE -4

LOCAION : HYDERABAD , KARIMNAGAR , KOLHAPUR, ARBHAVI, COIMBATORE

AGRONOMIC TRIAL : - N x G YEAR 2005 KHARIF

M E D I U M M A T U R I T Y

1	COMP. R - 2005 - 4	1	DMR - 171	KANPUR
2	NAVJOT (C)	1	DMR - 172	LUDHIANA
3	BIO - 9637 (C)	1	DMR - 173	BIO SEED'S
4	M C H - 30	1	DMR - 174	MONSANTO

ZONE - 1

BAJAURA, KANGRA, JORHAT, ALMORA

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN
1	L - 166 (RETESTING?)	3	DMR 176	BAJAURA
CHECKS:				
2	NAVJOT	3	DMR 177	LUDHIANA
3	BIO - 9637	3	DMR 178	BIO SEED'S

ZONE -3

VARANASI , BAHRAICH, DHOLI, JASHIPUR, RANCHI, AMBIKAPUR

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN
1	COMP. R - 2005 - 4	4	DMR 181	KANPUR
2	J K M H - 702	4	DMR 182	JK AGRI
CHECKS:				
3	NAVJOT	4	DMR 183	LUDHIANA
4	BIO - 9637	4	DMR 184	BIO SEED'S

ZONE - 4

HYDERABAD, ARBHAVI, KARIMNAGAR, KOLHAPUR, COIMBATORE

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN
1	J K M H - 702	5	DMR 186	JK AGRI
	CHECKS:			
2	NAVJOT	5	DMR 187	LUDHIANA
3	BIO - 9637	5	DMR 188	BIO SEED'S

ZONE - 5

UDAIPUR , BANSWARA , GODHRA , CHHINDWARA , AMBIKAPUR
DATE OF DISPATCH : - - 2007

AGRONOMIC TRIAL : - N x G YEAR 2007 KHARIF

E A R L Y M A T U R I T Y

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN
1	L - 201	1	DMR - 121	BAJAURA
	CHECKS:			
2	KIRAN	1	DMR - 122	LUDHIANA
3	PARKASH	1	DMR - 123	LUDHIANA
4	X - 3342	1	DMR - 124	P O C

ZONE - 1

BAJAURA, JORHAT, ALMORA
DATE OF DISPATCH : - - 2007

AGRONOMIC TRIAL : - N x G YEAR 2007 KHARIF

E A R L Y M A T U R I T Y

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN
1	KIRAN (C)	4	DMR - 125	LUDHIANA
2	PARKASH (C)	4	DMR - 126	LUDHIANA
3	X - 3342 (C)	4	DMR - 127	P O C
4	COMP. R - 2005 - 2	4	DMR - 128	KANPUR
5	D - 131	4	DMR - 129	PANTNAGAR

ZONE - 4

HYDERABAD, ARBHAVI, KARIMNAGAR, KOLHAPUR, COIMBATORE

AGRONOMIC TRIAL : - N x G YEAR 2007 KHARIF

E A R L Y M A T U R I T Y

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN
1	P R O - 368	5	DMR - 131	PROAGRO
2	D - 131	5	DMR - 132	PANTNAGAR
CHECKS:				
3	KIRAN	5	DMR - 133	LUDHIANA
4	PARKASH	5	DMR - 134	LUDHIANA
5	X - 3342	5	DMR - 135	P O C

ZONE - 5

UDAIPUR, BANSWARA, GODHRA, CHINDWARA

AGRONOMIC TRIAL : - N x G YEAR 2007 KHARIF

E X T R A E A R L Y M A T U R I T Y

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN
1	HIM - 129 (C)	1	DMR - 101	ALMORA
2	SURYA (C)	1	DMR - 102	PANTNAGAR
3	VIVEK HYBRID - 9 (C)	1	DMR - 103	ALMORA
4	VIVEK HYBRID - 17 (C)	1	DMR - 104	ALMORA
5	F H - 3294	1	DMR - 105	ALMORA
6	F H - 3352	1	DMR - 106	ALMORA
7	F Q H - 4567	1	DMR - 107	ALMORA
8	W C - 236 (Y)	1	DMR - 108	BANSWARA

ZONE - 1

BAJAURA, ALMORA, JORHAT

AGRONOMIC TRIAL : - N x G YEAR 2007 KHARIF

E X T R A E A R L Y M A T U R I T Y

ENT. NO.	PEDIGREE	ZONE	CODE	ORIGIN
1	F Q H - 4567	4	DMR - 111	ALMORA
2	B V M - 9	4	DMR - 112	RANCHI
CHECKS:				
3	HIM - 129	4	DMR - 113	ALMORA
4	SURYA	4	DMR - 114	PANTNAGAR
5	VIVEK HYBRID - 9	4	DMR - 115	ALMORA
6	VIVEK HYBRID - 17	4	DMR - 116	ALMORA

ZONE - 4

HYDERABAD, ARBHAVI, KARIMNAGAR, KOLHAPUR, COIMBATORE

DATE OF DISPATCH : - - 2007

AGRONOMIC TRIAL : - N x G YEAR 2007 KHARIF
Q P M TRIAL
F U L L S E A S O N M A T U R I T Y

S NO	PEDIGREE	ZONE	CODE	ORIGIN
1	HQPM - 6	ALL	DMRQPM-11	KARNAL
2	HQPM - 7	ALL	DMRQPM-12	KARNAL
	CHECK :			
3	HQPM - 1	ALL	DMRQPM-13	KARNAL

LOCATION :

ALMORA, BAJAURA, DELHI, LUDHIANA, KARNAL
VARANASI, DHOLI, HYDERABAD, ARBHAVI, UDAIPUR

Breeder Seed Production Report of maize inbreds/composites

Year - 2007 kharif

1. Centre-wise Breeder Seed Production

S.No.	Name of the Producing Centre/Stat	Name of inbred/variety	DAC indent (q)	Actual allocation as per BSP-1 target (q)	Actual production (q)	Production surplus (+) deficit (-) over BSP-1 target (q)
1	Srinagar (J&K)	Super-1	0.30	0.30	0.40	(+) 0.10
		Shalimar KG Maize-1	1.00	1.00	1.00	-
		Shalimar KG Maize-2	1.00	1.00	1.30	(+) 0.30
2	Almora (Uttarancha)	VL Baby Corn-1	4.00	4.00	4.00	-
		Vivek Hyb-17 (Female)	0.07	0.07	0.20	(-) 0.13
		Vivek Hyb-17 (Male)	0.03	0.03	0.03	-
		Vivek-15 (Female)	0.15	0.15	0.28	(+) 0.13
		Vivek-15 (Male)	0.07	0.07	0.07	-
		Vivek-23 (Female)	0.30	0.30	0.30	-
		Vivek-23 (Male)	0.15	0.15	0.15	-
		Vivek-9 (Female) CM 214	0.90	0.90	0.90	-
		Vivek-9 (Male) CM 145	0.45	0.45	0.45	-
		Vivek Hyb-21 (Female)	0.60	0.60	0.60	-
		Vivek Hyb-21 (Male) CM 212	0.30	0.30	0.30	-
3	Pantnagar (Uttarancha)	D-994	1.00	1.00	2.00	(+) 1.00
		CM-400	1.23	1.23	2.95	(+) 1.72
		CM-300	0.66	0.66	2.45	(+) 1.79
		CM-600	0.90	0.90	1.22	(+) 0.32
4	Delhi	Pusa Comp-3	0.77	0.77	9.00	(+) 8.23
		Pusa Hybrid-3 (Female) CM 2	0.49	0.49	0.20	(-) 0.29
		Pusa Hybrid-3 (Male) CM 142	0.21	0.21	0.20	(-) 0.01
		CM 150	1.18	1.18	0.40	(-) 0.78
		CM 151	0.64	0.64	0.64	-
		CM 135	0.21	0.21	0.21	-
		CM 136	0.10	0.10	0.10	-
		CM 137	31.15	31.15	32.00	(+) 0.85
		CM 138	11.66	11.66	12.00	(+) 0.34
5	DMR (Delhi)	Shakti-1	0.17	0.17	0.20	(+) 0.03
			59.77	59.77	73.63	

S.No.	Name of the Producing Centre/Stat	Name of inbred/variety	DAC indent (q)	Actual allocation as per BSP-1 target (q)	Actual production (q)	Production surplus (+) deficit (-) over BSP-1 target (q)
			59.77	59.77	73.63	
6	DMR (Hyderabad, AP)	Win Orange Sweet Corn	4.00	4.00	2.00	(-) 2.00
7	Ludhiana (Punjab)	Kesari	0.08	0.08	0.60	(+) 0.52
		Buland (Female) CM-146	2.70	2.70	3.50	(+) 0.80
		Buland (Male) CM-147	1.30	1.30	2.00	(+) 0.70
		Sheetal (Female)	0.07	0.07	0.50	(+) 0.43
		Sheetal (Male)	0.05	0.05	0.50	(+) 0.45
		JH 3851 (Female)	0.07	0.07	0.50	(+) 0.43
		JH 3851 (Male)	0.05	0.05	0.42	(+) 0.37
		CM-143	0.08	0.08	0.30	(+) 0.22
		CM-144	0.04	0.04	0.80	(+) 0.76
8	Kanpur (UP)	Azad Kamal	1.10	1.10	R	-
9	Uchani (Haryana)	HM-4 (Female)	0.70	0.70	0.28	(-) 0.42
		HM-4 (Male)	0.35	0.35	0.15	(-) 0.20
		HM-5 (Female)	0.70	0.70	0.04	(-) 0.66
		HM-5 (Male)	0.35	0.35	0.04	(-) 0.31
		HQPM-1 (Female)	0.67	0.67	0.60	(-) 0.07
		HQPM-1 (Male)	0.35	0.35	0.50	(+) 0.15
10	Dholi (Bihar)	P-7421	0.05	0.05	0.08	(+ 0.03
		CML-186	0.10	0.10	0.16	(+) 0.06
		CML-176	0.07	0.07	0.10	(+) 0.03
		CML-142	0.17	0.17	0.20	(+) 0.03
		CML-150	0.05	0.05	0.10	(+) 0.05
		Shaktiman-3 (Female) CML-16	0.07	0.07	0.15	(+) 0.08
		Shaktiman-3 (Male) CML-163	0.05	0.05	0.12	(+) 0.07
11	Ranchi (Jharkhand)	Birsa Makka-2	1.00	1.00	R	-
			73.99	73.99	87.27	

S.No.	Name of the Name of inbred/variety Producing Centre/Stat	DAC indent (q)	Actual allocatip as per BSP-1 target (q)	Actual productios (q)	Production surplus (+) deficit (-) over BSP-1 target (q)
		73.99	73.99	87.27	
12	Hydereabad CM-120 (AP)	0.10	0.10	0.13	(+) 0.03
	CM -118	0.06	0.06	0.08	(+) 0.02
	CM-119	0.10	0.10	0.13	(+) 0.03
	CM-208	0.09	0.09	0.12	(+) 0.03
	CM-211	0.10	0.10	0.13	(+) 0.03
	CM-213	0.15	0.15	NR	-
	CM-131	0.10	0.10	0.12	(+) 0.02
	CM-132	0.05	0.05	0.06	(+) 0.01
	CM-109	0.05	0.05	NR	-
	DHM-1 (Female)	0.08	0.08	NR	-
	DHM-1 (Male)	0.04	0.04	NR	-
	DHM-105 (Female)	4.57	4.57	NR	-
	DHM-105 (Male)	2.05	2.05	NR	-
	CM-133	0.05	0.05	0.06	(+) 0.01
13	Dharwad CM-500 (Karnataka)	0.07	0.07	0.50	(+) 0.43
	CM-111	0.05	0.05	0.20	(+) 0.15
	CM-202	0.05	0.05	0.50	(+) 0.45
	DHM-2 (Female)	0.05	0.05	0.50	(+) 0.45
	DHM-2 (Male)	0.05	0.05	0.50	(+) 0.45
14	Nagenahalli NAC-6002 (Karnataka)	1.07	1.07	100.00	(+) 98.93
15	Udaipur Pratap Makka-3 (Rajasthan)	4.00	4.00	2.00	(-) 2.00
	Pratap Makka-1 (Female) (E3)	1.22	1.22	R	-
	Pratap Makka-1 (Male) (E16)	0.61	0.61	0.80	(+) 0.19
	Pratap Makka-5	1.65	1.65	15.00	(+) 14.35
	Pratap Makka-4	4.00	4.00	R	-
16	Godhra Gujrat Makka-3 (Gujrat)	1.00	1.00	R	-
	Gujrat Makka-4	1.00	1.00	R	-
	Gujrat Makka-6	1.00	1.00	12.50	(+) 11.50
17	Coimbatore CoM-4 (Female) (Tamil Nadu)	0.30	0.30	No	
	CoM-4 (Male)	0.15	0.15	Productio	
	Total	97.85	97.85	220.60	

R=Production in Rabi

NR=Not reported

TABLE
NO.

CONTENTS

PAGE
NO.

IET TRIALS

- 1 PERFORMANCE OF EXPERIMENTAL HYBRIDS & COMPOSITES AT BAJAURA, BARAPANI MEGHALAYA, DMR DELHI, LUDHIANA, KARNAL, PANCHKULA, PANTNAGAR, KANPUR, BELIPAR GORAKHPUR, VARANASI JASHIPUR, HYDERABAD, KARIMNAGAR, ARBHAVI, BAYER BANGALORE, MANDYA, COIMBATORE, KOLHAPUR, UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA IN IET TRIAL No. TR61 DURING KHARIF (2007). 1 - 54
- 2 PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT BAJAURA, KANGRA, BARAPANI MEGHALAYA, DMR DELHI, LUDHIANA, KARNAL, PANCHKULA, PANTNAGAR, KANPUR, BELIPAR GORAKHPUR, VARANASI, RANCHI, JASHIPUR, AMBIKAPUR, HYDERABAD, KARIMNAGAR, ARBHAVI, MANDYA, KOLHAPUR, UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA IN IET, TRIAL No. TR62 DURING KHARIF (2007) 55 - 82
- 3 PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS AT BAJAURA, KANGRA, BARAPANI MEGHALAYA, DMR DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR, VARANASI, RANCHI, JASHIPUR, AMBIKAPUR, HYDERABAD, KARIMNAGAR, ARBHAVI, MANDYA, COIMBATORE, KOLHAPUR, UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA IN IET, TRIAL No. TR62A DURING KHARIF (2007). 83 - 95
- 4 PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT ALMORA, BAJAURA, KANGRA, BARAPANI MEGHALAYA, DMR DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR, BELIPAR GORAKHPUR, VARANASI, DHOLI, RANCHI, JASHIPUR, AMBIKAPUR, HYDERABAD, KARIMNAGAR, ARBHAVI, MANDYA, COIMBATORE, KOLHAPUR, UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA IN IET, TRIAL No. TR63 DURING KHARIF (2007). 96 - 126
- 5 PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS AT ALMORA, BAJAURA, KANGRA, BARAPANI MEGHALAYA, DMR DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR, BELIPAR GORAKHPUR, VARANASI, DHOLI, RANCHI, JASHIPUR, AMBIKAPUR, HYDERABAD, KARIMNAGAR, ARBHAVI, MANDYA, COIMBATORE, UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA IN IET, TRIAL No. TR64 DURING KHARIF (2007). 127 - 154

AET 1st YEAR TRIALS

- 6 PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS AT DMR DELHI, ALIGHAR ADVANTA, LUDHIANA, KARNAL, PANTNAGAR, KANPUR, IN AET 1st YEAR, TRIAL No. TR65Z2 DURING KHARIF (2007). 155 - 157
- 7 PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS AT BELIPAR GORAKHPUR, VARANASI, RANCHI, JASHIPUR, AMBIKAPUR, POCB BANGLORE IN AET 1st YEAR, TRIAL No. TR65Z3 DURING KHARIF (2007). 158 - 162

TABLE NO.	CONTENTS	PAGE NO.
8	PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS AT DMR DELHI, HYDERABAD, KARIMNAGAR, ARBHAVI, MANDYA, COIMBATORE, IN AET 1st YEAR, TRIAL No. TR65Z4 DURING KHARIF (2007).	163 - 166
9	PERFORMANCE OF EXPERIMENTAL HYBRID & COMPOSITE AT DMR DELHI, ALIGHARH ADVANTA, LUDHIANA, KARNAL, PANTNAGAR, KANPUR, BELIPAR GORAKHPUR, VARANASI, DHOLI, RANCHI, JASHIPUR, AMBIKAPUR, HYDERABAD, KARIMNAGAR, ARBHAVI, ADVANTA BANGALORE, MANDYA, COIMBATORE, KOLHAPUR IN AET 1st YEAR, TRIAL No. T6SAZ234 DURING KHARIF (2007).	167 - 178
10	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS AT BAJAURA, KANGRA, BARAPANI MEGHALAYA, DMR DELHI, BELIPAR GORAKHPUR, VARANASI, RANCHI, JASHIPUR, AMBIKAPUR IN AET 1st YEAR, TRIAL No. TR66Z13 DURING KHARIF (2007).	179 - 183
11	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS AT DMR DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR IN TRIAL No. TR66Z2 DURING KHARIF (2007).	184 - 186
12	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT HYDERABAD, KARIMNAGAR, ARBHAVI, MANDYA, COIMBATORE, KOLHAPUR IN AET 1st YEAR, TRIAL No. TR66Z4 DURING KHARIF (2007).	187 - 190
13	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DMR DELHI, UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA IN AET 1st YEAR, TRIAL No. TR66Z5 DURING KHARIF (2007).	191 - 194
14	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRID & COMPOSITE AT UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA, IN AET 1st YEAR, TRIAL No. TR66AZ5 DURING KHARIF (2007).	195 - 196
15	PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT ALMORA, BAJAURA, KANGRA, BARAPANI MEGHALAYA, DMR DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR, BELIPAR GORAKHPUR, VARANASI, DHOLI, RANCHI, JASHIPUR, AMBIKAPUR, IN AET 1st YEAR, TRIAL No. TR67Z123 DURING KHARIF (2007).	197 - 205
16	PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DMR DELHI, HYDERABAD KARIMNAGAR, ARBHAVI, MANDYA, COIMBATORE, KOLHAPUR, UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA, IN AET 1st YEAR, TRIAL No. TR67Z45 DURING KHARIF (2007).	206 - 213
17	PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT ALMORA, BAJAURA, KANGRA, BARAPANI MEGHALAYA, DMR DELHI IN AET 1st YEAR, TRIAL No. TR68Z1 DURING KHARIF (2007).	214 - 217

TABLE NO.	CONTENTS	PAGE NO.
18	PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DMR DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR, IN AET 1st YEAR, TRIAL No. TR68Z2 DURING KHARIF (2007).	218 - 221
19	PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DMR DELHI, BELIPAR GORAKHPUR, VARANASI, DHOLI, RANCHI, JASHIPUR, AMBIKAPUR IN AET 1st YEAR, TRIAL No. TR68Z3 DURING KHARIF (2007).	222 - 226
20	PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DMR DELHI, HYDERABAD, KARIMNAGAR, ARBHAVI, MANDYA, COIMBATORE, KOLHAPUR IN AET 1st YEAR, TRIAL No. TR68Z4 DURING KHARIF (2007).	227 - 232
21	PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DMR DELHI, UDAIPUR, BANSWARA, GODHRA, CHHINDIWARA IN AET 1st YEAR, TRIAL No. TR68Z5 DURING KHARIF (2007).	233 - 236
AET 2nd YEAR TRIALS		
22	PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS AT DMR DELHI, LUDHIANA, GURDASPUR, KARNAL, PANTNAGAR, KANPUR IN AET 2nd YEAR, TRIAL No. TR69Z2 DURING KHARIF (2007).	237 - 240
23	PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRID AT DMR DELHI, BELIPAR GORAKHPUR, VARANASI, RANCHI, JASHIPUR, AMBIKAPUR IN AET 2nd YEAR, TRIAL No. TR69Z3 DURING KHARIF (2007)	241 - 244
24	PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS AT HYDERABAD, KARIMNAGAR, ARBHAVI, ARB2HAVI, MANDYA, BAYER BANGLORE, COIMBATORE, KOLHAPUR IN AET 2nd YEAR, TRIAL No. TR69Z4 DURING KHARIF (2007).	245 - 249
25	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRID & COMPOSITE AT BAJAURA, KANGRA, BARAPANI MEGHALAYA IN AET 2nd YEAR, TRIAL No. TR70Z1 DURING KHARIF (2007).	250 - 251
26	PERFORMANCE OF MEDIUM MATURING COMPOSITES AT BELIPAR GORAKHPUR, VARANASI, RANCHI, JASHIPUR, AMBIKAPUR IN AET 2nd YEAR, TRIAL No. TR70Z3 DURING KHARIF (2007).	252 - 253
27	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRID & COMPOSITE AT HYDERABAD, KARIMNAGAR, ARBHAVI (1), ARBHAVI (2), MANDYA, COIMBATORE, KOLHAPUR IN AET 2nd YEAR, TRIAL No. TR70Z4 DURING KHARIF (2007)	254 - 257

TABLE NO.	CONTENTS	PAGE NO.
28	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRID AT UDAIPUR, BANSWARA, PRATAPGARH, IN AET 2nd YEAR, TRIAL No. TR70Z5 DURING KHARIF (2007).	258 - 259
29	PERFORMANCE OF EARLY MATURING COMPOSITE AT ALMORA, BAJAURA, KANGRA, BARAPANI MEGHALAYA IN AET 2nd YEAR, TRIAL No. TR71Z1 DURING KHARIF (2007).	260 - 261
30	PERFORMANCE OF EXTRA EARLY MATURING COMPOSITES AT HYDERABAD, KARIMNAGAR, ARBHAVI, ARBHAVI(1), MANDYA, COIMBATORE, KOLHAPUR IN AET 2nd YEAR, TR71Z4 DURING KHARIF (2007).	262 - 265
31	PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRID & COMPOSITE AT UDAIPUR, BANSWARA, PRATAPGARH, CHHINDIWARA IN AET 2nd YEAR, TRIAL No. TR71Z5 DURING KHARIF (2007).	266 - 268
32	PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITE AT ALMORA, BAJAURA, KANGRA, BARAPANI MEGHALAYA IN AET 2nd YEAR, TRIAL No. TR72Z1 DURING KHARIF (2007).	269 - 271
33	PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRID & COMPOSITE AT HYDERABAD, KARIMNAGAR, ARBHAVI(1), ARBHAVI(2), MANDYA, COIMBATORE, KOLHAPUR IN AET 2nd YEAR, TRIAL No. TR72Z4 DURING KHARIF (2007).	272 - 275

QPM TRIALS

34	PERFORMANCE OF FULL SEASON QPM EXPERIMENTAL HYBRIDS AT BAJAURA, LUDHIANA, KARNAL, VARANASI, JASHIPUR, HYDERABAD, ARBHAVI, UDAIPUR, CHHINDIWARA IN IET, TRIAL No. TRQPM1 DURING KHARIF (2007).	276 - 281
35	PERFORMANCE OF FULL SEASON QPM EXPERIMENTAL HYBRIDS AT BAJAURA, DMR DELHI, LUDHIANA, KARNAL, VARANASI, ASHIPUR, HYDERABAD, ARBHAVI, KOLHAPUR, UDAIPUR, CHHINDIWARA IN AET 1st YEAR, TRQPM2 DURING KHARIF (2007).	282 - 287
36	PERFORMANCE OF FULL SEASON QPM EXPERIMENTAL HYBRIDS AT DMR DELHI, LUDHIANA, KARNAL, JASHIPUR, HYDERABAD, ARBHAVI, KOLHAPUR, UDAIPUR, CHHINDIWARA IN AET 2nd YEAR, TRIAL No. TRQPM3 DURING KHARIF (2007).	288 - 292

SPECIALITY CORN TRIALS

37	PERFORMANCE OF EXPERIMENTAL HYBRIDS & COMPOSITES AS BABY CORN AT ALMORA, BAJAURA, LUDHIANA, KARNAL, PANTNAGAR, HYDERABAD, KOLHAPUR, UDAIPUR IN TRIAL No. TRBABY DURING KHARIF (2007).	293 - 294
38	PERFORMANCE OF SWEET CORN COMPOSITES AT ALMORA, BAJAURA, KARNAL, HYDERABAD, IN TRIAL No. TRSWEET DURING KHARIF (2007).	295 - 296

TABLE NO.	CONTENTS	PAGE NO.
KHARIF 2006 TRIALS PLANTED IN KHARIF 2007		
39	PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR IN IET, TRIAL No. TR61 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).	297 - 299
40	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR IN IET, TRIAL No. TR62 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).	300 - 301
41	PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR, JORHAT IN IET, TRIAL No. TR63 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).	302 - 304
42	PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR, JORHAT IN IET, TRIAL No. TR64 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).	305 - 307
43	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR IN AET 1st YEAR, TRIAL No. TR66Z1 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).	308
44	PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR, JORHAT IN AET 1st YEAR TRIAL No. TR67Z1 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).	309 - 310
45	PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR, JORHAT IN AET 1st YEAR, TRIAL No. TR68Z1 OF 2006 KHARIF PLANTED DURING KHARIF (2007).	311 - 312
46	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRID & COMPOSITE AT SRINAGAR IN AET 2nd YEAR, TRIAL No. TR70Z1 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).	313
47	PERFORMANCE OF EARLY MATURING COMPOSITES AT SRINAGAR IN AET 2nd YEAR, TRIAL No. TR71Z1 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).	314
48	PERFORMANCE OF EXTRA EARLY EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR IN AET 2nd YEAR TRIAL No. TR72Z1 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).	315
49	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR, JORHAT IN ZONAL TRIAL No. TR102 OF 2006 KHARIF AND PLANTED DURING KHARIF (2007).	316 - 318
50	PERFORMANCE OF EXTRA EARLY EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR IN ZONAL TRIAL No. TR103A OF 2006 KHARIF AND PLANTED IN KHARIF (2007).	319

TABLE NO.	CONTENTS	PAGE NO.
	ZONAL TRIALS	
51	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR, UDHAMPUR, BAJAURA, KANGRA, JORHAT, BARAPANI MEGHALAYA, PANTNAGAR IN ZONAL, TRIAL NO. TR102 DURING KHARIF (2007).	320 - 327
	PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT SRINAGAR, UDHAMPUR, ALMORA, BAJAURA, KANGRA, JORHAT, PANTNAGAR IN ZONAL, TRIAL No. TR103 DURING KHARIF (2007).	328 - 337
53	PERFORMANCE OF EARLY MATURING HYBRIDS AT BAJAURA, KANGRA IN TRIAL No. TRVLHYB DURING KHARIF (2007).	338
54	PERFORMANCE OF FULL SEASON EXPERIMENTAL HYBRIDS AT LUDHIANA, KARNAL, KANPUR IN ZONAL TRIAL No. TR201 DURING KHARIF (2007).	339 - 341
55	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR IN ZONAL TRIAL No. TR202 DURING KHARIF (2007).	342 - 344
56	PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DELHI, LUDHIANA, KARNAL, PANTNAGAR, KANPUR IN ZONAL TRIAL No. TR203 DURING KHARIF (2007).	345 - 347
57	PERFORMANCE OF EXTRA EARLY MATURING EXPERIMENTAL HYBRIDS AT DELHI, LUDHIANA, KARNAL, PANTNAGAR IN ZONAL TRIAL No. TR204 DURING KHARIF (2007).	348 - 350
58	PERFORMANCE OF EARLY MATURING EXPERIMENTAL HYBRIDS & COMPOSITES AT DHOLI, RANCHI IN ZONAL TRIAL No. TR301 DURING KHARIF (2007).	351 - 352
59	PERFORMANCE OF MEDIUM MATURING EXPERIMENTAL HYBRIDS AT DHOLI, RANCHI IN ZONAL TRIAL No. TR302 DURING KHARIF (2007).	353 - 354
60	PERFORMANCE OF EXPERIMENTAL HYBRIDS AT COIMBATORE IN ZONAL TRIAL No. TR401A DURING KHARIF (2007).	355
61	PERFORMANCE OF EXPERIMENTAL HYBRIDS AT COIMBATORE IN ZONAL TRIAL No. TR401B DURING KHARIF (4007).	356
62	PERFORMANCE OF EXPERIMENTAL HYBRIDS AT HYDERABAD, MANDYA IN ZONAL TRIAL No. TR401C DURING KHARIF (2007).	357 - 358
63	PERFORMANCE OF EXPERIMENTAL HYBRIDS AT HYDERABAD, MANDYA IN ZONAL TRIAL No. TR401D DURING KHARIF (2007).	359 - 360
64	PERFORMANCE OF EXPERIMENTAL HYBRIDS AT ARBHAVI IN ZONAL TRIAL No. TR401F DURING KHARIF (2007).	361

TABLE NO 1

PERFORMANCE OF EXPERIMENTAL HYBRIDS & COMPOSITES AT BAJAURA, BARAPANI MEGHALAYA, DMR DELHI, LUDHIANA, KARNAL PANCHKULA, PANTNAGAR, KANPUR, BELIPAR GORAKHPUR, VARANASI, JASHIPUR, HYDERABAD, KARIMNAGAR, ARBHAVI BAYER BANGALORE, MANDYA, COIMBATORE, KOLHAPUR, UDAIPUR, BANSWARA, GODHRA, CHHINDWARA IN IET TRIAL No. TR61 DURING KHARIF (2007).

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE										ZN 1		ZN 2							
		BAJA	R	BARA	R	MEGH	MEAN	R	DMRD	R	LUDH	R	KARN	R	PANC	R	PANI	R	KANP	R	MEAN
1	J H - 11137	7868	27	2704	18	5286	24	8311	1	11415	6	9731	13	4225	31	9265	16	7907	24	8476	2
2	J H - 11180	8562	15	2534	31	5548	16	4927	9	12777	2	8589	32	4143	35	11739	2	7579	32	8292	5
3	J H - 11422	8806	11	2622	24	5714	12	5026	8	11096	7	8325	38	4388	26	9041	21	9006	3	7814	8
4	J H - 11433	8204	21	2816	7	5510	18	5331	5	13376	1	10002	8	4669	15	8584	26	7922	23	8314	4
5	J H - 11449	8964	8	2559	27	5762	9	4631	14	11830	5	9551	18	5019	1	9130	19	8060	16	8037	7
6	J H - 11693	7527	34	2555	28	5041	34	5903	3	10675	8	9513	20	4161	34	9643	13	6641	40	7756	11
7	B H - 40707	8172	22	2324	40	5248	28	4538	15	4093	44	10343	5	4398	25	7758	38	8058	17	6531	36
8	B H - 40708	6298	41	2430	34	4364	41	4882	10	6329	33	8909	27	4746	10	8096	35	8047	18	6835	24
9	B H - 40709	8166	23	2713	15	5440	20	2375	41	5485	40	8590	31	4026	40	8954	24	8268	11	6283	42
10	B H - 40710	5518	42	2712	16	4115	42	3549	33	6034	35	9517	19	4872	2	6687	43	7868	25	6421	37
11	B H - 40711	7143	37	2726	14	4935	37	3895	28	6305	34	9088	25	4249	29	8539	29	8665	6	6790	28
12	B H - 40712	7643	31	2861	2	5252	27	4063	24	5519	39	9283	24	4483	23	7004	42	7847	26	6367	38
13	B H - 40713	8811	10	2661	19	5736	10	4673	13	8729	14	9888	10	4558	18	9645	12	7452	34	7491	13
14	B H - 40714	7158	36	2774	11	4966	36	4276	21	10587	9	7655	44	3905	43	7512	39	6600	41	6756	30
15	V E H - 3017	7536	33	2607	26	5072	33	3038	36	7835	24	9394	22	4772	8	9072	20	8432	8	7090	19
16	A H - 511	4771	44	2399	37	3585	44	4057	25	5562	38	9083	26	4832	6	7204	41	6521	42	6210	43
17	C - 555	8498	16	2743	12	5620	15	1784	44	5837	36	8128	41	4711	12	9843	9	7450	35	6292	41
18	KAVERI-2288 SUPER	7633	32	2844	4	5239	29	1961	43	6916	29	9698	14	4626	16	7867	37	9063	1	6688	32
19	KAVERI - 50	9918	1	2628	23	6273	2	4881	11	8073	21	9654	16	4531	19	8308	34	8929	4	7396	14
20	M M - 8255	8413	17	2408	36	5410	21	5326	6	9027	11	8635	30	3806	44	10193	6	7213	38	7367	15
21	X 6B 269	9769	3	2841	5	6305	1	3577	32	8833	12	9763	12	4040	39	9636	14	7233	37	7180	17
22	X 6B 271	8956	9	2774	10	5865	7	5269	7	7960	22	11263	3	4701	13	9019	22	8372	9	7764	10
23	SINDHU - 333	8118	24	2233	42	5176	30	4220	22	8629	16	9340	23	4859	4	11631	3	7971	20	7775	9
24	ANKAR - 555	9348	4	2961	1	6154	3	3661	31	5665	37	9848	11	4737	11	8519	30	8211	13	6774	29
25	O M - 7676	8213	20	2520	32	5367	22	4434	17	8733	13	10060	7	4502	21	13653	-	8346	10	8288	6
26	HYTECH'S HTCH-5101	8587	14	2810	9	5699	13	3858	29	8354	19	10282	6	4110	37	9735	10	7842	27	7364	16
27	P R O - 372	9176	6	2542	30	5859	8	4312	20	7039	27	8716	29	4833	5	10075	8	7830	28	7134	18

TABLE NO 1 (CONT.)

SI	NO PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE																		ZN 2					
		MEGH			ZN 1			DELH			LUDH			KARN			PANC			PANT			KANP		
BAJA	R	BARA	R	MEAN	R	DMRD	R	LUDH	R	KARN	R	PANC	R	PANT	R	KANP	R	MEAN	R						
28	P R O - 373	7456	35	2553	29	4337	18	8684	15	8165	40	4105	38	9200	18	7617	30	7018	21						
29	C.P. 808	7807	28	2810	8	6697	2	12751	3	10740	4	4272	28	10883	4	7159	39	8750	1						
30	C.P. 818	9047	7	2710	17	2839	38	6627	31	8204	39	4176	33	8595	25	7488	33	6322	40						
31	M 01 - 062	8109	25	2422	35	4693	12	7588	26	9687	15	4115	36	7322	40	7772	29	6863	23						
32	M 01 - 825	6671	40	2328	38	2798	39	8358	18	7700	43	4339	27	8499	31	6382	43	6346	39						
33	G K - 3018	9302	5	2636	21	4272	40	7853	23	8529	35	4604	17	10582	5	5968	44	6668	34						
34	G K - 3055	6888	38	2325	39	4607	38	4075	23	9908	9	4404	24	7963	36	7952	21	6795	27						
35	G K - 3056	6851	39	2162	43	4506	39	4464	16	8477	36	4228	30	8579	27	9021	2	6674	33						
36	MDMH - 101	8764	12	2633	22	5698	14	5702	4	9410	21	4869	3	9658	11	8706	5	8391	3						
37	C.P. 848	9907	2	2001	44	5954	5	4042	26	11290	2	4486	22	8361	32	8064	15	7723	12						
38	X - 610	7646	30	2639	20	5143	32	4329	19	9570	17	4513	20	9001	23	8065	14	7029	20						
39	X - 640	7669	29	2860	3	5265	26	3712	30	8572	33	3992	41	9245	17	8518	7	6832	25						
40	M C H - 36	8349	18	2614	25	5481	19	3156	35	8454	37	4677	14	9499	15	8253	12	6976	22						
CHECKS:																									
41	SEEDTEC - 2324	7975	26	2318	41	5147	31	2905	37	8844	28	4215	32	8568	28	7924	22	6823	26						
42	BIO - 9681	8722	13	2739	13	5731	11	3186	34	4228	43	4830	7	8323	33	8047	19	6732	31						
43	PRO - 311	8237	19	2829	6	5533	17	2135	42	7970	42	3939	42	10083	7	7587	31	6664	35						
44	PARBHAT	5452	43	2463	33	3957	43	3987	27	8559	34	4768	9	6657	44	7442	36	5946	44						
	MEAN YIELD=	8014		2599		5306		8070		9290		4442		9031		7848		7137							
	MEAN STAND	30		27		29		39		30		22		34		36		33							
	C.D. AT 5%=	1707		543		1125		1260		2259		724		2779		870		1428							
	C.V. % =	13.12		12.86		10.06		9.62		14.98		10.04		18.96		6.83		-							
	F (Prob)	.000		.262		.000		.000		.035		.099		.005		.000		-							
	PLOT SIZE=	4.80		6.00		6.00		4.80		5.60		6.00		6.00		4.80		-							
AGRONOMY DATA:																									
	SOWING DATE (2007) 26-06							30-06		1-07		12-07		6-07		19-07									
	HARVEST DATE (2007) 24-10							11-10		2-10		15-10		5-11		26-10									
	IRRIGATION Nos	2					1	6		5		5		-		-									
	FERTILIZER APPLIED N120						120	125		150		150		120		-									
	P 60						60	60		60		60		60		-									
	K 40						40	-		60		60		40		-									

LOCATIONS REJECTED DUE TO HIGH C.V. (i.e. > 20%) : DHOL 25.3% ; AMBI 25.8% ; POGB 20.5%

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE																							
		GORA			ZN 3			HYDE			KARI			ARBH			BANG								
		BELI	VARA	JASH	MEAN	HYDE	KARI	ARBH	BANG	BELI	VARA	JASH	MEAN	HYDE	KARI	ARBH	BANG	BELI	VARA	JASH	MEAN	HYDE	KARI	ARBH	BANG
1	J H - 11137	3096	25	6508	40	5351	12	4985	37	7007	22	8610	3	6886	27	7176	42	9417	4						
2	J H - 11180	3726	3	8880	13	4096	36	5567	16	9297	1	9913	1	7053	24	13133	15	7447	19						
3	J H - 11422	3172	18	8135	25	4978	21	5428	27	7295	16	7417	8	9047	2	13732	13	7955	13						
4	J H - 11433	3141	23	8208	21	6532	4	5961	6	5246	44	6747	17	8439	6	14225	11	7691	16						
5	J H - 11449	3453	5	8196	23	6667	2	6105	3	6625	32	6445	19	8262	11	14850	9	7228	23						
6	J H - 11693	3175	17	7573	34	5678	7	5476	22	7278	17	6817	16	8700	4	11971	24	7075	28						
7	B H - 40707	3507	4	4859	44	3424	42	3930	43	6757	26	3753	43	7601	19	7595	39	6045	38						
8	B H - 40708	3048	26	7735	31	5376	11	5387	28	6699	30	7235	10	6520	33	9958	34	7046	29						
9	B H - 40709	2947	31	7910	29	6871	1	5909	9	7544	11	5709	27	8254	12	10051	32	5696	40						
10	B H - 40710	2627	40	5370	42	3801	39	3933	42	5922	40	4730	31	6117	37	7325	40	5363	43						
11	B H - 40711	2960	30	7182	38	5316	13	5153	32	6583	34	4087	40	6858	28	12121	23	5653	41						
12	B H - 40712	3027	27	8199	22	3865	38	5031	36	6160	36	6818	15	6549	32	8541	37	6269	35						
13	B H - 40713	3248	14	8682	15	5533	8	5821	10	7074	20	6923	14	7724	18	10483	31	7881	15						
14	B H - 40714	3159	20	8106	27	4544	32	5270	31	7051	21	6649	18	7350	20	11463	27	10866	1						
15	V E H - 3017	3217	16	9729	3	4792	25	5913	8	6231	35	4238	38	6484	35	10508	30	5997	39						
16	A H - 511	2520	43	4919	43	3071	44	3503	44	5688	42	4424	34	5684	42	6867	43	4529	44						
17	C - 555	3004	28	8357	19	3218	43	4860	39	7685	8	7661	6	7810	17	12913	17	6518	34						
18	KAVERI-2288 SUPER	3219	15	10048	2	4605	29	5957	7	6736	28	4051	42	8264	10	8564	36	7301	21						
19	KAVERI - 50	3118	24	9195	7	4796	24	5703	12	5913	41	4340	35	5972	39	8211	38	6068	37						
20	M M - 8255	3275	12	8171	24	5210	14	5552	17	6076	37	7144	12	8437	7	14071	12	7234	22						
21	X 6B 269	3734	2	9399	6	5033	19	6055	4	5676	43	6109	22	8159	14	16271	2	10492	2						
22	X 6B 271	4410	1	8223	20	3773	40	5469	24	8169	5	4174	39	7235	22	10019	33	7146	25						
23	SINDHU - 333	2855	35	9174	9	4544	31	5525	18	8065	6	6291	20	6772	29	7300	41	8356	11						
24	AMAR - 555	3299	10	7560	35	3730	41	4863	38	6819	24	5869	26	6628	31	12151	22	6967	32						
25	O M - 7676	2619	41	7626	33	5139	17	5128	34	6073	38	5569	28	5730	41	6537	44	9551	3						
26	HYTECH'S HTCH-5101	3156	21	9189	8	5743	6	6029	5	6990	23	6192	21	8453	5	13260	14	8795	7						
27	P R O - 372	2917	33	8858	14	4537	33	5437	26	8459	2	5517	29	8226	13	14265	10	5456	42						

TABLE NO 1 (CONT.)

SI No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE																		
		GORA			ZN 3			BANG			MAND R									
		BELI	VARA	JASH	MEAN	HYDE	KARI	ARBH	BAYE	ARBH	BAYE	MAND	R							
28	P R O - 373	2731	37	7684	32	4946	23	5120	35	6819	25	8146	4	6517	34	17392	1	7207	24	
29	C.P. 808	3277	11	10977	1	5463	9	6572	1	6700	29	4621	32	8380	8	15660	6	6763	33	
30	C.P. 818	3163	19	8539	18	5396	10	5700	13	7432	15	4561	33	8870	3	16158	3	7125	26	
31	M 01 - 062	2996	29	7301	37	6570	3	5623	15	7434	14	7719	5	7839	16	11597	26	6990	31	
32	M 01 - 825	2927	32	7850	30	4636	28	5138	33	7196	19	4925	30	6954	26	16150	4	7938	14	
33	G K - 3018	2541	42	9632	5	4278	35	5484	20	6605	33	4080	41	7036	25	13088	16	7969	12	
34	G K - 3055	2868	34	9145	10	4393	34	5469	23	7583	10	3729	44	5380	44	12430	20	9020	6	
35	G K - 3056	3341	9	7367	36	5206	15	5305	30	6750	27	4240	37	6699	30	12440	19	7093	27	
36	MDMH - 101	3420	7	9652	4	5878	5	6317	2	7536	12	6933	13	9622	1	15706	5	8366	10	
37	C.P. 848	2757	36	9069	11	4745	27	5523	19	7682	9	7222	11	7899	15	15535	7	7021	30	
38	X - 610	2645	38	6575	39	4553	30	4591	40	6639	31	7319	9	5445	43	11678	25	8709	8	
39	X - 640	3349	8	8572	16	4950	22	5624	14	7828	7	7583	7	6234	36	10660	29	7505	18	
40	M C H - 36	3249	13	8918	12	5202	16	5790	11	8407	3	5917	23	7326	21	15034	8	8374	9	
CHECKS:																				
41	SEEDTEC - 2324	3145	22	8135	26	5086	18	5455	25	7245	18	4305	36	8372	9	12289	21	9044	5	
42	BIO - 9681	3451	6	7962	28	5021	20	5478	21	6025	39	5881	24	5976	38	12771	18	7584	17	
43	PRO - 311	2636	39	8540	17	4777	26	5318	29	8197	4	8995	2	7123	23	11355	28	7310	20	
44	PARBHAT	2424	44	6289	41	4086	37	4266	41	7501	13	5873	25	5969	40	9172	35	6083	36	
	MEAN YIELD=	3103		8141		4896		5380		7016		6034		7292		11879		7412		
	MEAN STAND	27		37		30		32		33		30		31		33		32		
	C.D. AT 5%=	479		1506		467		817		1282		811		1503		2604		1598		
	C.V. % =	9.50		11.40		5.88		-		11.26		8.28		12.70		13.51		13.28		
	F (Prob)	.000		.000		.000		.000		.000		.000		.000		.000		.000		
	PLOT SIZE=	4.80		4.80		4.80		-		6.00		6.00		6.00		4.25		5.60		
AGRONOMY DATA:																				
	SOWING DATE (2007)	8-07		13-07		11-07		-		24-06		16-07		11-07		11-07		14-07		
	HARVEST DATE (2007)	22-10		22-10		7-11		-		31-10		13-11		5-11		13-11		19-11		
	IRRIGATION Nos	-		1		-		-		1		6		5		-		7		
	FERTILIZER APPLIED N	150		120		120		-		120		120		150		160		150		
	P	75		60		60		-		60		60		75		60		75		
	K	60		40		60		-		40		40		38		40		40		

TABLE NO 1 (CONT.)

Sl No	PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												OV'L					
		COIM	R	KOLH	R	MEAN	R	UDAI	R	BANS	R	GODH	R	CHHI	R	ZN 5	MEAN	R	
1	J H - 11137	10189	27	4368	36	7665	28	662	44	2839	26	4442	19	11087	19	4757	34	6776	18
2	J H - 11180	12078	8	6835	2	9394	2	5308	9	2520	38	6709	2	11814	12	6588	3	7712	2
3	J H - 11422	9544	32	6863	1	8850	8	2450	34	3474	2	4618	15	11934	11	5619	16	7228	8
4	J H - 11433	10546	22	5605	13	8357	15	6707	3	2471	40	4666	14	10904	21	6187	8	7365	5
5	J H - 11449	9625	33	5711	10	8392	13	5882	6	2615	34	4985	11	9830	32	5828	13	7278	7
6	J H - 11693	10879	20	5738	9	8351	16	3227	24	3139	7	6400	3	11688	14	6114	9	7089	10
7	B H - 40707	9757	31	5003	27	6644	42	3732	18	2568	36	4170	24	6417	43	4222	39	5676	41
8	B H - 40708	9894	29	5297	22	7521	31	3120	26	2588	35	2972	38	10606	23	4822	33	6265	36
9	B H - 40709	10300	25	6105	8	7665	27	2686	32	3052	11	5059	10	11807	13	5651	14	6480	29
10	B H - 40710	7995	43	3770	40	5889	43	3418	21	2031	44	2456	42	7830	40	3934	41	5251	43
11	B H - 40711	9469	35	3186	43	6851	39	3828	17	3020	13	3474	36	10052	28	5093	27	6109	39
12	B H - 40712	8219	41	5491	17	6864	38	3130	25	2775	32	2975	37	7869	39	4187	40	5845	40
13	B H - 40713	11591	14	4725	34	8057	22	2972	29	2861	24	5366	7	10596	24	5449	20	6913	15
14	B H - 40714	9030	38	5625	11	8291	17	7346	1	2912	18	5427	6	11283	17	6742	2	6876	16
15	V E H - 3017	8954	39	4625	35	6720	41	3118	27	2838	27	4289	21	8283	38	4632	36	6181	38
16	A H - 511	4755	44	5010	26	5280	44	3109	28	2938	16	1885	44	5639	44	3393	44	4794	44
17	C - 555	11068	17	5572	14	8461	11	1268	40	2896	19	2145	43	9282	36	3898	42	6290	35
18	KAVERI-2288 SUPER	13760	2	5608	12	7755	26	1724	39	2825	28	3844	31	10496	26	4722	35	6439	31
19	KAVERI - 50	12238	7	6487	4	7033	37	1061	41	2780	30	7944	1	9920	31	5426	21	6589	24
20	M M - 8255	11826	11	2201	44	8141	20	4879	11	3372	3	4053	26	13062	5	6341	7	7001	11
21	X 6B 269	11731	12	5301	21	9105	4	6458	4	2530	37	5779	4	13835	1	7150	1	7554	3
22	X 6B 271	10169	28	4842	30	7393	34	4162	13	3017	14	4891	12	9952	29	5505	19	6750	20
23	SINDHU - 333	12702	5	3862	39	7621	30	757	43	3079	10	3898	27	7801	41	3884	43	6475	30
24	AMAR - 555	10984	18	5417	19	7834	24	3991	14	2937	17	2808	40	10496	27	5058	29	6482	28
25	O M - 7676	11842	10	6147	7	7350	35	1757	37	3210	6	5266	9	9944	30	5044	30	6703	21
26	HYTECH'S HTCH-5101	13651	3	6613	3	9136	3	1738	38	2869	23	3785	32	11633	15	5006	31	7166	9
27	P R O - 372	11869	9	4824	31	8374	14	5571	7	2842	25	3680	33	11969	10	6016	11	6978	13

TABLE NO 1 (CONT.)

S1 No PEDIGREE	GRAIN YIELD (kg/ha) AT 15% MOISTURE												OV'L					
	COIM		KOLH		UDAI		BANS		GODH		CHHI		ZN 5		MEAN	R		
	R	R	R	R	R	R	R	R	R	R	R	R	R	MEAN	R			
28 P R O - 373	10920	19	5384	20	8912	7	2855	31	3089	9	3873	28	9813	33	4908	32	6795	17
29 C.P. 808	12250	6	5281	23	8524	10	3528	19	3027	12	2596	41	13429	4	5645	15	7504	4
30 C.P. 818	10482	24	5524	16	8593	9	6016	5	2739	33	4678	13	12684	8	6529	5	6957	14
31 M 01 - 062	10850	21	5198	24	8232	18	1999	35	2985	15	3486	35	9498	34	4492	37	6553	26
32 M 01 - 825	11612	13	3984	38	8394	12	5409	8	2389	42	4595	16	13743	3	6534	4	6699	22
33 G K - 3018	11517	15	4006	37	7757	25	1804	36	2894	20	5556	5	11139	18	5348	24	6550	27
34 G K - 3055	9410	37	5094	25	7521	32	4417	12	2885	21	4277	22	10562	25	5535	18	6417	34
35 G K - 3056	9448	36	3432	42	7158	36	3425	20	2778	31	4324	20	10950	20	5369	23	6207	37
36 MDMH - 101	14319	1	4975	28	9637	1	5113	10	3250	5	3854	30	13807	2	6506	6	7917	1
37 C.P. 848	11174	16	6197	5	8961	6	3961	16	2804	29	3855	29	12884	6	5876	12	7320	6
38 X - 610	8261	40	5557	15	7658	29	6762	2	3262	4	2874	39	8635	37	5383	22	6426	32
39 X - 640	10513	23	5438	18	7966	23	3284	23	2508	39	4063	25	10807	22	5165	25	6582	25
40 M C H - 36	13348	4	4814	32	9031	5	836	42	3591	1	4585	17	11555	16	5142	26	6999	12
CHECKS:																		
41 SEEDTEC - 2324	9779	30	6185	6	8174	19	3981	15	3095	8	4540	18	12480	9	6024	10	6769	19
42 BIO - 9681	9507	34	4881	29	7518	33	2581	33	2873	22	5353	8	9492	35	5075	28	6419	33
43 PRO - 311	10220	26	3722	41	8132	21	2866	30	2406	41	4195	23	12777	7	5561	17	6644	23
44 PARBHAT	8036	42	4733	33	6767	40	3416	22	2186	43	3583	34	7751	42	4234	38	5486	42
MEAN YIELD=	10600		5119		7907		3553		2858		4279		10637		5332		6648	
MEAN STAND	27		31		31		31		28		29		36		31		31	
C.D. AT 5%	1692		1641		1590		611		460		1020		2381		1118		1312	
C.V. % =	9.84		19.75		-		10.60		9.91		14.69		13.80		-		-	
F (Prob)	.300		.000		-		.000		.000		.000		.000		-		-	
PLOT SIZE=	4.80		6.00		-		4.80		4.80		4.80		5.60		-		-	
AGRONOMY DATA:																		
SOWING DATE (2007)	28-07		11-07		-		20-06		16-07		13-07		29-06		-		-	
HARVEST DATE (2007)	26-11		26-11		-		15-09		26-10		16-10		22-10		-		-	
IRRIGATION Nos	0		-		-		1		-		1		-		-		-	
FERTILIZER APPLIED N	135		120		-		90		100		100		120		-		-	
P	63		60		-		60		40		50		80		-		-	
K	50		40		-		-		-		-		60		-		-	