

ANOVA for DAYS TO FLOWERING

Source of Variations	df	Sum of Squares	Mean Squares	F Ratio	Probability
Replicates	2	29.55592	14.77796	2.101	0.12876
Treatments	42	1637.87137	38.99694	5.543	0.00000 ***
Hybrids	29	338.57805	11.67511	1.660	0.03857 *
Parents	10	637.13281	63.71328	9.057	0.00000 ***
Hybrids vs.Parents	1	554.66247	554.66247	78.843	0.00000 ***
Checks	1	73.50065	73.50065	10.448	0.00176 **
Checks vs.Hybrids	1	77.96585	77.96585	11.082	0.00130 **
Checks vs.Parents	1	5.79897	5.79897	0.824	0.36652
Error	84	590.94408	7.03505		
Total	128	2258.37137	17.64353		

	Mean		
Parent	68.2364	Checks	67.1667
Hybrid	63.4433	General	64.8426
Average Heterosis %	-7.0242		

Heterosis Table

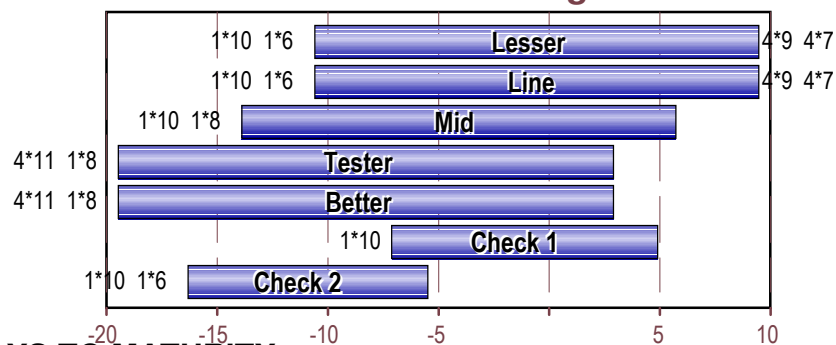
Hybrid	Mean	S.Error	Lesser	Line	Mid	Tester	Better	Check 1	Check 2
1*6 COGG -2 * LGG -460	59.533	1.313	-9.98 **	-9.98 **	-12.06 **	-14.05 **	-14.05 **	-6.49	-15.75 **
1*7 COGG -2 * LGG -410	61.667	1.179	-6.75 *	-6.75 *	-11.27 **	-15.37 **	-15.37 **	-3.14	-12.74 **
1*8 COGG -2 * COGG -220	60.600	1.501	-8.37 *	-8.37 *	-13.26 **	-17.66 **	-17.66 **	-4.82	-14.25 **
1*9 COGG -2 * ML -26 -	62.333	1.601	-2.40	-5.75	-4.10	-2.40	-5.75	-2.09	-11.79 **
1*10 COGG -2 * PUSA -105	59.133	1.009	-10.58 **	-10.58 **	-13.88 **	-16.95 **	-16.95 **	-7.12 *	-16.32 **
1*11 COGG -2 * RMG -275	64.000	1.386	-3.23	-3.23	-9.52 **	-15.04 **	-15.04 **	0.52	-9.43 **
2*6 ML -267 * LGG -460	61.600	0.902	-6.10	-6.10	-8.65 **	-11.07 **	-11.07 **	-3.25	-12.83 **
2*7 ML -267 * LGG -410	63.833	0.384	-2.69	-2.69	-7.80 **	-12.40 **	-12.40 **	0.26	-9.67 **
2*8 ML -267 * COGG -22	62.300	1.955	-5.03	-5.03	-10.49 **	-15.35 **	-15.35 **	-2.15	-11.84 **
2*9 ML -267 * ML -26 -	62.267	0.835	-2.51	-5.08	-3.81	-2.51	-5.08	-2.20	-11.89 **
2*10 ML -267 * PUSA -105	62.333	1.288	-4.98	-4.98	-8.87 **	-12.45 **	-12.45 **	-2.09	-11.79 **
2*11 ML -267 * RMG -275	64.300	2.850	-1.98	-1.98	-8.75 **	-14.65 **	-14.65 **	0.99	-9.01 **
3*6 PUSA -105 * LGG -460	63.533	0.533	-2.36	-2.36	-5.41	-8.28 **	-8.28 **	-0.21	-10.09 **
3*7 PUSA -105 * LGG -410	64.400	0.503	-1.02	-1.02	-6.62 *	-11.62 **	-11.62 **	1.15	-8.87 **
3*8 PUSA -105 * COGG -22	63.000	0.872	-0.10	-0.10	-6.25 *	-11.68 **	-11.68 **	2.09	-8.02 *
3*9 PUSA -105 * ML -26 -	63.933	0.581	0.10	-1.74	-0.83	0.10	-1.74	0.42	-9.53 **
3*10 PUSA -105 * PUSA -105	66.800	1.778	2.66	2.66	-1.96	-6.18 *	-6.18 *	4.92	-5.47
3*11 PUSA -105 * RMG -275	63.133	0.636	-1.43	-1.43	-8.64 **	-14.87 **	-14.87 **	0.73	-9.25 **
4*6 RMG -275 * LGG -460	65.600	0.577	8.49 *	8.49 *	1.13	-5.29	-5.29	3.04	-7.17 *
4*7 RMG -275 * LGG -410	66.200	0.721	9.48 **	9.48 **	-0.70	-9.15 **	-9.15 **	3.98	-6.32 *
4*8 RMG -275 * COGG -22	65.133	0.570	7.72 *	7.72 *	-2.83	-11.50 **	-11.50 **	2.30	-7.83 *
4*9 RMG -275 * ML -26 -	65.733	1.035	8.71 *	8.71 *	5.74	2.92	2.92	3.25	-6.98 *
4*10 RMG -275 * PUSA -105	65.200	0.306	7.83 *	7.83 *	-0.96	-8.43 **	-8.43 **	2.41	-7.74 *
4*11 RMG -275 * RMG -275	69.667	0.353	0.33	0.33	-10.65 **	-19.47 **	-19.47 **	-4.71	-14.15 **
5*6 PDM -89 - * LGG -460	62.100	0.874	-7.59 *	-7.59 *	-8.99 **	-10.35 **	-10.35 **	-2.46	-12.12 **
5*7 PDM -89 - * LGG -410	62.133	1.073	-7.54 *	-7.54 *	-11.28 **	-14.73 **	-14.73 **	-2.41	-12.08 **
5*8 PDM -89 - * COGG -22	65.400	0.529	-2.68	-2.68	-7.10 **	-11.14 **	-11.14 **	2.72	-7.45 *
5*9 PDM -89 - * ML -26 -	65.267	1.940	2.19	-2.88	-0.41	2.19	-2.88	2.51	-7.64 *
5*10 PDM -89 - * PUSA -105	63.967	1.114	-4.81	-4.81	-7.56 **	-10.16 **	-10.16 **	0.47	-9.48 **
5*11 PDM -89 - * RMG -275	64.200	0.643	-4.46	-4.46	-9.92 **	-14.78 **	-14.78 **	0.84	-9.15 **

Parent	Mean	Std.Error	Parent	Mean	Std.Error
COGG -2	66.133	1.411	ML -267	65.600	2.540
PUSA -105	65.067	1.035	RMG -275	60.467	0.677
PDM -89 - 221	67.200	0.808	LGG -460	69.267	2.862
LGG -410	72.867	1.162	COGG -22	73.600	1.501
ML -26 - 7	63.867	2.067	PUSA -105 / A	71.200	2.248
RMG -2753	75.333	5.418			

* Significant 5% (t value 1.96)

** Significant 1% (t value 2.58)

Heterosis Ranges



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ANOVA for DAYS TO MATURITY

Source of Variations	df	Sum of Squares	Mean Squares	F Ratio	Probability
Replicates	2	29.10807	14.55403	1.727	0.18412
Treatments	42	726.11846	17.28853	2.051	0.00266 **
Hybrids	29	200.66710	6.91956	0.821	0.72078
Parents	10	392.84953	39.28495	4.661	0.00003 ***
Hybrids vs.Parents	1	110.96487	110.96487	13.165	0.00049 ***
Checks	1	7.26086	7.26086	0.861	0.35600
Checks vs.Hybrids	1	26.13645	26.13645	3.101	0.08189
Checks vs.Parents	1	0.05369	0.05369	0.006	0.93658
Error	84	708.01693	8.42877		
Total	128	1463.24346	11.43159		

	Mean		
Parent	112.5485	Checks	112.5667
Hybrid	110.4056	General	111.0543
Average Heterosis %	-1.9040		

Heterosis Table

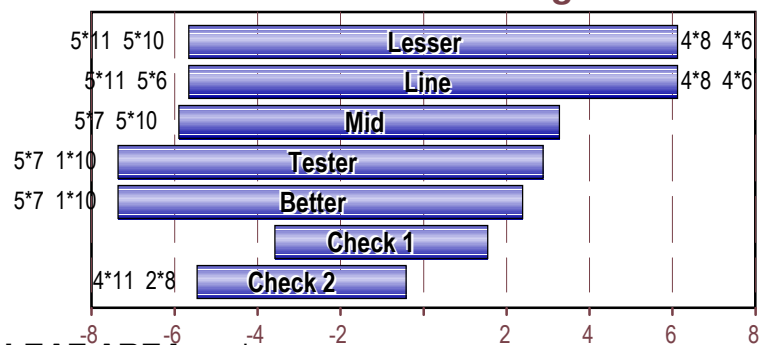
Hybrid	Mean	S.Error	Lesser	Line	Mid	Tester	Better	Check 1	Check 2
1*6 COGG -2 * LGG -460	108.800	1.527	-1.98	-1.98	-3.06	-4.11	-4.11	-2.39	-4.28 *
1*7 COGG -2 * LGG -410	110.667	2.333	-0.30	-0.30	-3.57 *	-6.64 **	-6.64 **	-0.72	-2.64
1*8 COGG -2 * COGG -200	110.200	1.332	-0.72	-0.72	-2.13	-3.50	-3.50	-1.14	-3.05
1*9 COGG -2 * ML -26 - 109	109.600	0.503	0.98	-1.26	-0.15	0.98	-1.26	-1.67	-3.58
1*10 COGG -2 * PUSA -105	108.200	1.026	-2.52	-2.52	-4.64 *	-6.67 **	-6.67 **	-2.93	-4.81 *
1*11 COGG -2 * RMG -275	111.133	2.021	0.12	0.12	-1.71	-3.47	-3.47	-0.30	-2.23
2*6 ML -267 * LGG -460	110.467	2.401	0.00	0.00	-1.34	-2.64	-2.64	-0.90	-2.82
2*7 ML -267 * LGG -410	111.533	0.961	0.97	0.97	-2.59	-5.91 **	-5.91 **	0.06	-1.88
2*8 ML -267 * COGG -220	108.133	1.378	-2.11	-2.11	-3.74 *	-5.31 *	-5.31 *	-2.99	-4.87 *
2*9 ML -267 * ML -26 - 110	109.267	1.338	1.60	-0.18	0.70	1.60	-0.18	-1.08	-2.99
2*10 ML -267 * PUSA -105	110.200	2.117	-0.24	-0.24	-2.65	-4.95 *	-4.95 *	-1.14	-3.05
2*11 ML -267 * RMG -275	108.867	2.554	-1.45	-1.45	-3.49	-5.44 **	-5.44 **	-2.33	-4.22 *
3*6 PUSA -105 * LGG -460	110.467	1.048	2.01	2.01	0.09	-1.76	-1.76	0.00	-1.94
3*7 PUSA -105 * LGG -410	110.467	1.870	2.01	2.01	-2.14	-5.96 **	-5.96 **	0.00	-1.94
3*8 PUSA -105 * COGG -220	112.633	0.338	3.08	3.08	0.81	-1.37	-1.37	1.05	-0.91
3*9 PUSA -105 * ML -26	111.067	1.041	2.33	1.65	1.99	2.33	1.65	-0.36	-2.29
3*10 PUSA -105 * PUSA -110	112.133	1.202	2.62	2.62	-0.41	-3.28	-3.28	0.60	-1.35
3*11 PUSA -105 * RMG -275	108.867	0.291	0.55	0.55	-2.08	-4.57 *	-4.57 *	-1.44	-3.34
4*6 RMG -275 * LGG -460	113.200	1.026	6.13 **	6.12 **	2.85	-0.24	-0.24	1.56	-0.41
4*7 RMG -275 * LGG -410	111.800	0.643	4.81 *	4.81 *	-0.71	-5.68 **	-5.68 **	0.30	-1.64
4*8 RMG -275 * COGG -220	112.733	0.996	5.69 *	5.69 *	2.08	-1.28	-1.28	1.14	-0.82
4*9 RMG -275 * ML -26	111.133	1.538	4.19	4.19	3.28	2.40	2.40	-0.30	-2.23
4*10 RMG -275 * PUSA -105	110.200	1.400	4.25	4.25	-0.09	-4.08 *	-4.08 *	-0.24	-2.17
4*11 RMG -275 * RMG -275	113.467	1.812	0.75	0.75	-3.10	-6.66 **	-6.66 **	-3.59	-5.45 *
5*6 PDM -89 - * LGG -460	108.533	0.353	-4.35 *	-5.49 **	-4.92 **	-4.35 *	-5.49 **	-2.63	-4.52 *
5*7 PDM -89 - * LGG -410	109.800	1.286	-4.38 *	-4.38 *	-5.90 **	-7.37 **	-7.37 **	-1.50	-3.40
5*8 PDM -89 - * COGG -220	111.000	0.902	-2.80	-3.34	-3.07	-2.80	-3.34	-0.42	-2.35
5*9 PDM -89 - * ML -26	111.667	1.714	2.89	-2.76	-0.01	2.89	-2.76	0.18	-1.76
5*10 PDM -89 - * PUSA -110	108.600	1.701	-5.43 *	-5.43 *	-5.88 **	-6.33 **	-6.33 **	-2.57	-4.46 *
5*11 PDM -89 - * RMG -275	108.333	0.696	-5.66 **	-5.66 **	-5.78 **	-5.91 **	-5.91 **	-2.81	-4.69 *

Parent	Mean	Std.Error	Parent	Mean	Std.Error
COGG -2	111.000	1.172	ML -267	110.467	2.924
PUSA -105	109.267	1.551	RMG -275	106.667	0.371
PDM -89 - 221	114.833	3.147	LGG -460	113.467	2.167
LGG -410	118.533	0.291	COGG -22	114.200	2.730
ML -26 - 7	108.533	1.139	PUSA -105 / A	115.933	2.384
RMG -2753	115.133	1.877			

* Significant 5% (t value 1.96)

** Significant 1% (t value 2.58)

Heterosis Ranges



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ANOVA for FLAG LEAF AREA cm*cm

Source of Variations	df	Sum of Squares	Mean Squares	F Ratio	Probability
Replicates	2	53.81698	26.90849	2.441	0.09326
Treatments	42	2022.66504	48.15869	4.368	0.00000 ***
Hybrids	29	762.79854	26.30340	2.386	0.00111 **
Parents	10	843.19708	84.31971	7.648	0.00000 ***
Hybrids vs.Parents	1	184.06669	184.06669	16.695	0.00010 ***
Checks	1	157.79860	157.79860	14.313	0.00029 ***
Checks vs.Hybrids	1	106.76236	106.76236	9.684	0.00254 **
Checks vs.Parents	1	12.92619	12.92619	1.172	0.28200
Error	84	926.09709	11.02497		
Total	128	3002.57910	23.45765		

	Mean		
Parent	28.7694	Checks	30.3650
Hybrid	26.0084	General	26.9174
Average Heterosis %	-9.5968		

Heterosis Table

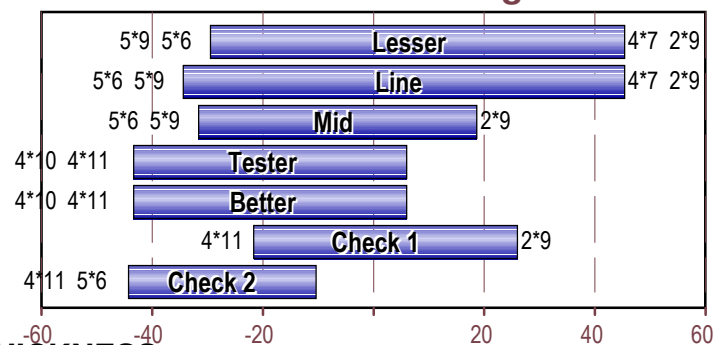
Hybrid	Mean	S.Error	Lesser	Line	Mid	Tester	Better	Check 1	Check 2
1*6 COGG -2 * LGG -460	26.993	2.185	-0.63	-0.63	-2.58	-4.46	-4.46	6.96	-23.95 **
1*7 COGG -2 * LGG -410	27.487	2.844	1.90	1.19	1.55	1.90	1.19	8.92	-22.56 **
1*8 COGG -2 * COGG -227	27.670	3.259	1.87	1.87	0.94	0.02	0.02	9.64	-22.04 **
1*9 COGG -2 * ML -26 -	28.350	0.817	4.37	4.37	-4.40	-11.81	-11.81	12.34	-20.13 *
1*10 COGG -2 * PUSA -102	27.407	0.484	0.90	0.90	-18.23 *	-31.27 **	-31.27 **	8.60	-22.78 **
1*11 COGG -2 * RMG -275	28.393	1.551	4.53	4.53	-3.63	-10.61	-10.61	12.51	-20.00 *
2*6 ML -267 * LGG -460	29.530	1.798	34.96 **	34.96 **	17.81	4.52	4.52	17.01	-16.80 *
2*7 ML -267 * LGG -410	28.607	0.875	30.74 *	30.74 *	17.11	6.06	6.06	13.35	-19.40 *
2*8 ML -267 * COGG -22	27.470	0.560	25.55 *	25.55 *	10.89	-0.70	-0.70	8.85	-22.61 **
2*9 ML -267 * ML -26 -	31.820	1.372	45.43 **	45.43 **	17.79 *	-1.02	-1.02	26.09 *	-10.35
2*10 ML -267 * PUSA -105	28.357	1.580	29.60 *	29.60 *	-8.16	-28.88 **	-28.88 **	12.36	-20.11 *
2*11 ML -267 * RMG -275	29.177	1.405	33.35 **	33.35 **	8.78	-8.14	-8.14	15.61	-17.80 *
3*6 PUSA -105 * LGG -460	27.743	0.970	-19.50 *	-24.15 **	-21.89 **	-19.50 *	-24.15 **	-9.88	-35.92 **
3*7 PUSA -105 * LGG -410	28.877	0.701	-7.77	-17.03	-12.65	-7.77	-17.03	-1.43	-29.91 **
3*8 PUSA -105 * COGG -22	28.930	1.963	-13.50	-20.19 *	-16.98 *	-13.50	-20.19 *	-5.18	-32.58 **
3*9 PUSA -105 * ML -26 -	25.243	1.039	-15.81	-15.81	-18.74 *	-21.47 *	-21.47 *	0.03	-28.88 **
3*10 PUSA -105 * PUSA -105	25.217	2.706	-15.90	-15.90	-27.80 **	-36.76 **	-36.76 **	-0.08	-28.95 **
3*11 PUSA -105 * RMG -275	28.127	3.262	-22.87 *	-22.87 *	-25.09 **	-27.19 **	-27.19 **	-8.36	-34.84 **
4*6 RMG -275 * LGG -460	27.617	0.400	38.18 **	38.18 **	14.50	-2.25	-2.25	9.43	-22.19 **
4*7 RMG -275 * LGG -410	27.880	0.719	39.49 **	39.49 **	18.74	3.36	3.36	10.47	-21.45 **
4*8 RMG -275 * COGG -22	28.313	1.024	21.65	21.65	2.05	-12.11	-12.11	-3.66	-31.50 **
4*9 RMG -275 * ML -26 -	25.783	1.290	29.00 *	29.00 *	-1.09	-19.79 *	-19.79 *	2.17	-27.36 **
4*10 RMG -275 * PUSA -105	25.580	0.287	12.98	12.98	-24.56 **	-43.37 **	-43.37 **	-10.53	-36.38 **
4*11 RMG -275 * RMG -275	28.767	1.792	-1.10	-1.10	-23.61 *	-37.77 **	-37.77 **	-21.67 *	-44.31 **
5*6 PDM -89 - * LGG -460	20.183	0.782	-28.56 **	-34.42 **	-31.62 **	-28.56 **	-34.42 **	-20.02	-43.13 **
5*7 PDM -89 - * LGG -410	23.433	0.781	-13.12	-23.86 **	-18.85 *	-13.12	-23.86 **	-7.15	-33.98 **
5*8 PDM -89 - * COGG -22	24.087	1.693	-12.93	-21.74 *	-17.57 *	-12.93	-21.74 *	-4.56	-32.14 **
5*9 PDM -89 - * ML -26 -	21.697	1.723	-29.50 **	-29.50 **	-31.04 **	-32.51 **	-32.51 **	-14.03	-38.87 **
5*10 PDM -89 - * PUSA -105	26.507	1.890	-13.87	-13.87	-24.96 **	-33.52 **	-33.52 **	5.03	-25.32 **
5*11 PDM -89 - * RMG -275	28.010	0.975	-2.49	-2.49	-4.03	-5.52	-5.52	18.91	-15.45 *

Parent	Mean	Std.Error	Parent	Mean	Std.Error
COGG -2	27.163	1.426	ML -267	21.880	0.913
PUSA -105	29.983	0.747	RMG -275	19.987	1.697
PDM -89 - 221	30.777	2.056	LGG -460	28.253	1.194
LGG -410	26.973	1.832	COGG -22	27.663	1.357
ML -26 - 7	32.147	3.151	PUSA -105 / A	39.873	4.330
RMG -2753	31.763	3.715			

* Significant 5% (t value 1.96)

** Significant 1% (t value 2.58)

Heterosis Ranges



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ANOVA for LEAF THICKNESS mm

Source of Variations	df	Sum of Squares	Mean Squares	F Ratio	Probability
Replicates	2	0.01104	0.00552	35.982	0.00000 ***
Treatments	42	0.01034	0.00025	1.605	0.03341 *
Hybrids	29	0.00634	0.00022	1.426	0.10722
Parents	10	0.00159	0.00016	1.033	0.42308
Hybrids vs.Parents	1	0.00048	0.00048	3.098	0.08203
Checks	1	0.00170	0.00170	11.084	0.00129 **
Checks vs.Hybrids	1	0.00033	0.00033	2.137	0.14748
Checks vs.Parents	1	0.00005	0.00005	0.338	0.56249
Error	84	0.01288	0.00015		
Total	128	0.03427	0.00027		

	Mean		
Parent	0.1880	Checks	0.1912
Hybrid	0.1835	General	0.1850
Average Heterosis %	-2.3601		

Heterosis Table

Hybrid	Mean	S.Error	Lesser	Line	Mid	Tester	Better	Check 1	Check 2
1*6 COGG -2 * LGG -460	0.179	0.009	-1.65	-1.65	-4.80	-7.75	-7.75	2.49	-14.10 **
1*7 COGG -2 * LGG -410	0.202	0.013	11.01	11.01	8.52	6.14	6.14	15.68 **	-3.04
1*8 COGG -2 * COGG -22	0.167	0.002	-8.07	-8.07	-12.03 *	-15.66 **	-15.66 **	-4.21	-19.71 **
1*9 COGG -2 * ML -26 -	0.176	0.004	-3.30	-3.30	-5.22	-7.05	-7.05	0.76	-15.54 **
1*10 COGG -2 * PUSA -1050	0.185	0.015	1.65	1.65	0.45	-0.72	-0.72	5.93	-11.22 *
1*11 COGG -2 * RMG -27530	0.190	0.003	4.40	4.40	2.89	1.43	1.43	8.80	-8.81
2*6 ML -267 * LGG -460	0.182	0.008	-0.36	-0.36	-3.28	-6.02	-6.02	4.40	-12.50 *
2*7 ML -267 * LGG -410	0.180	0.003	-1.28	-1.28	-3.22	-5.09	-5.09	3.44	-13.30 **
2*8 ML -267 * COGG -22	0.191	0.009	4.56	4.56	0.35	-3.54	-3.54	9.56	-8.17
2*9 ML -267 * ML -26 -	0.185	0.005	1.46	1.46	-0.27	-1.94	-1.94	6.31	-10.90 *
2*10 ML -267 * PUSA -105	0.180	0.006	-1.46	-1.46	-2.35	-3.23	-3.23	3.25	-13.46 **
2*11 ML -267 * RMG -2753	0.173	0.005	-5.29	-5.29	-6.40	-7.49	-7.49	-0.76	-16.83 **
3*6 PUSA -105 * LGG -4600	0.181	0.003	-5.57	-5.57	-6.06	-6.54	-6.54	3.82	-12.98 **
3*7 PUSA -105 * LGG -4100	0.175	0.009	-7.89	-8.70	-8.30	-7.89	-8.70	0.38	-15.87 **
3*8 PUSA -105 * COGG -22	0.189	0.005	-1.57	-1.57	-3.17	-4.71	-4.71	8.22	-9.29
3*9 PUSA -105 * ML -26 -	0.188	0.006	-0.35	-1.74	-1.05	-0.35	-1.74	8.03	-9.46
3*10 PUSA -105 * PUSA -100	0.188	0.012	1.08	-1.91	-0.44	1.08	-1.91	7.84	-9.62
3*11 PUSA -105 * RMG -2753	0.180	0.006	-3.74	-6.09	-4.93	-3.74	-6.09	3.25	-13.46 **
4*6 RMG -275 * LGG -460	0.196	0.002	13.73 *	13.73 *	7.10	1.20	1.20	12.43 *	-5.77
4*7 RMG -275 * LGG -410	0.197	0.019	14.51 *	14.51 *	8.92	3.86	3.86	13.19 *	-5.13
4*8 RMG -275 * COGG -220	0.175	0.010	1.74	1.74	-5.31	-11.45 *	-11.45 *	0.57	-15.71 **
4*9 RMG -275 * ML -26 -	0.183	0.010	6.00	6.00	1.11	-3.35	-3.35	4.78	-12.18 *
4*10 RMG -275 * PUSA -1050	0.183	0.009	6.00	6.00	1.95	-1.79	-1.79	4.78	-12.18 *
4*11 RMG -275 * RMG -27530	0.164	0.003	-4.84	-4.84	-8.72	-12.30 *	-12.30 *	-5.93	-21.15 **
5*6 PDM -89 - * LGG -460	0.186	0.006	-3.79	-4.77	-4.28	-3.79	-4.77	6.88	-10.42 *
5*7 PDM -89 - * LGG -410	0.181	0.011	-4.91	-7.67	-6.31	-4.91	-7.67	3.63	-13.14 **
5*8 PDM -89 - * COGG -220	0.183	0.015	-6.64	-6.64	-7.20	-7.74	-7.74	4.78	-12.18 *
5*9 PDM -89 - * ML -26 -	0.187	0.010	-1.23	-4.60	-2.95	-1.23	-4.60	7.07	-10.26 *
5*10 PDM -89 - * PUSA -10	0.184	0.005	-1.25	-6.13	-3.76	-1.25	-6.13	5.35	-11.70 *
5*11 PDM -89 - * RMG -2750	0.198	0.006	5.88	1.19	3.48	5.88	1.19	13.58 *	-4.81

Parent	Mean	Std.Error	Parent	Mean	Std.Error
COGG -2	0.182	0.006	ML -267	0.183	0.013
PUSA -105	0.192	0.016	RMG -275	0.172	0.004
PDM -89 - 221	0.196	0.020	LGG -460	0.194	0.016
LGG -410	0.190	0.009	COGG -22	0.198	0.005
ML -26 - 7	0.189	0.015	PUSA -105 / A	0.186	0.007
RMG -2753	0.187	0.014			

* Significant 5% (t value 1.96)

** Significant 1% (t value 2.58)

Heterosis Ranges

