

Table 5 Mean values, performance and range of heterosis among the 30 experimental hybrids for the 15 yield related characters

Performance of hybrids			MP heterosis (%)		BP heterosis (%)		Standard Heterosis (%)					
Trait	Mean Range		Mean	Range	Mean	Range	NDR-359		PB- 1121		Sarjoo- 52	
	Mean	Range					Mean	Range	Mean	Range	Mean	Range
DF	97.09	66.25 to 114.0	12.19	-0.16.57to 35.78	1.26	-30.07 to 27.14	49.71	7.67 to 72.07	-6.13	-32.49 to 7.89	4.05	-25.17 to 19.58
PH	112.00	94 to 143.33	5.04	-16.47 to 23.46	-1.95	-21.88 to 8.87	18.11	-2.30 to 48.98	18.78	0.01 to 49.83	19.91	-0.80 to 50.56
PBT	10.92	4.65 to 22.67	3.81	-37.69 to 71.00	-10.30	-58.49 to 66.45	-16.94	-58.59 to 66.06	-16.38	-58.31 to 67.18	-50.59	-75.54 to 1.93
FLA	42.28	11.92 to 84.86	26.35	-43.18 to 67.18	3.63	-61.40 to -32.81	32.71	-64.91 to -149.77	0.77	-73.35 to -89.67	59.93	-57.71 to 201.00
PL	26.2	18.57 to 34.24	-3.12	-27.18 to 38.71	-10.55	-34.97 to 24.34	-5.35	-30.21 to 24.34	-14.53	-39.11 to 12.29	-3.47	-31.23 to 26.81
PW	2.67	1.35 to 4.37	23.40	-23.01 to 61.20	2.31	-31.67 to 31.35	28.03	-33.03 to 98.64	34.12	-29.84 to 108.10	32.23	-30.83 to 105.16
S/P	194.11	90.67 to 328.67	18.46	-29.22 to 57.19	-1.88	-36.02 to 19.66	41.52	-27.31 to 129.00	52.33	-21.75 to 146.50	26.65	-29.12 to 104.95
SF	81.29	65.37 to 89.77	1.11	-15.79 to 12.76	-1.63	-19.59 to 8.61	2.18	-18.08 to 12.50	-1.23	-20.82 to 8.75	-4.53	-23.46 to 5.12
TW	27.52	18.29 to 34.27	11.28	-6.97 to 32.83	1.75	-14.61 to 12.78	-0.65	-29.28 to 20.22	54.87	10.24 to 87.39	-1.38	-29.79 to 19.34
BY	54.64	18.27 to 105.12	18.86	-43.39 to 76.82	4.71	-59.57 to 70.06	-7.54	-59.83 to 69.95	-8.12	-60.08 to 68.89	-27.15	68.34 to 33.92
HI	32.74	16.37 to 49.29	-14.55	-52.20 to 20.44	-22.42	-57.14 to 16.98	-35.35	-66.78 to -9.34	17.57	-39.59 to 64.89	6.58	-52.00 to 31.02
GY	17.83	5.59 to 34.98	-0.36	-58.81 to 68.58	-15.46	-75.62 to 40.39	-40.36	-80.73 to 14.95	7.84	-65.15 to 107.86	-32.24	-78.11 to 30.61
KL	6.38	4.77 to 7.44	-1.89	-15.46 to 14.34	-7.34	-29.82 to 6.00	-5.50	-25.01 to 10.16	-11.73	-29.95 to 2.90	-1.37	-21.73 to 14.98
KB	2.37	1.71 to 3.56	5.88	-26.20 to 53.01	-0.71	-29.88 to 25.65	2.64	-27.20 to 51.27	32.47	-6.03 to 95.25	10.29	-21.77 to 62.56
LBR	2.74	1.93 to 3.97	-6.62	-34.43 to 24.19	-14.30	-51.22 to 20.17	-6.39	-32.64 to 14.17	-32.27	-51.26 to 17.39	-9.03	-34.54 to 10.95