

Table 5 Per cent relative heterosis (RH), heterobeltiosis (HB) and standard heterosis (SH) for grain yield/ha characters

Sl. no.	Single cross hybrids	Grain yield (q/ha)				
		RH	HB	EH434042	900M	Pinnacle
1	L1×T1	127.29**	120.37**	-1.5	-0.78	-3.67
2	L1×T2	91.0**	59.02**	6.86 *	7.64 *	4.51
3	L1×T3	61.0**	30.97**	-5.12	-4.42	-7.20 *
4	L2×T1	152.65**	149.81**	7.28 *	8.07 *	4.92
5	L2×T2	58.21**	29.66**	-12.87 **	-12.23 **	-14.79 **
6	L2×T3	57.66**	25.56**	-9.03 **	-8.37 *	-11.04 **
7	L3×T1	106.06**	101.92**	-15.24 **	-14.62 **	-17.11 **
8	L3×T2	73.68**	38.90**	-6.66 *	-5.98	-8.71 **
9	L3×T3	57.81**	22.79**	-11.04 **	-10.39 **	-13.00 **
10	L4×T1	148.20**	133.28**	-2.08	-1.36	-4.23
11	L4×T2	64.52**	27.47**	-14.34 **	-13.72 **	-16.23 **
12	L4×T3	56.09**	17.83**	-14.64 **	-14.01 **	-16.51 **
13	L5×T1	90.42**	89.38**	-19.62 **	-19.03 **	-21.39 **
14	L5×T2	61.19**	31.50**	-11.64 **	-10.99 **	-13.58 **
15	L5×T3	37.85**	9.30	-20.81 **	-20.23 **	-22.56 **
16	L6×T1	63.91**	58.10**	-28.57 **	-28.04 **	-30.14 **
17	L6×T2	52.26**	27.32**	-14.45 **	-13.82 **	-16.33 **
18	L6×T3	47.22**	19.52**	-13.41 **	-12.78 **	-15.32 **
19	L7×T1	147.67**	136.24**	-0.84	-0.11	-3.02
20	L7×T2	91.45**	50.0**	0.8	1.54	-1.42
21	L7×T3	44.12**	9.95	-20.34 **	-19.76 **	-22.09 **
22	L8×T1	77.92**	75.12**	-24.10 **	-23.55 **	-25.77 **
23	L8×T2	50.04**	23.40**	-17.08 **	-16.47 **	-18.90 **
24	L8×T3	78.19**	42.39**	3.16*	3.92*	0.89
25	L9×T1	104.30**	90.27**	-20.13 **	-19.55 **	-21.89 **
26	L9×T2	76.17**	35.55**	-8.92 **	-8.25 *	-10.92 **
27	L9×T3	45.36**	9.0	-21.03 **	-20.45 **	-22.77 **
28	L10×T1	105.49**	97.38**	-17.15 **	-16.54 **	-18.97 **
29	L10×T2	73.55**	36.71**	-8.14 *	-7.46 *	-10.16 **
30	L10×T3	35.64**	4.01	-24.65 **	-24.09 **	-26.30 **