

Table 3 Extent of heterosis (%) over the respective better parent (BP) and over check (Punjab Naveen) for different characters

Crosses	Days taken to first fruit harvest		Number of fruits per vine		Average fruit weight		Average fruit yield		Diameter of fruit	
	Heterosis over BP	Heterosis over check	Heterosis over BP	Heterosis over check	Heterosis over BP	Heterosis over check	Heterosis over BP	Heterosis over check	Heterosis over BP	Heterosis over check
Acc-1x2	-0.22	-8.11**	7.11**	7.11**	15.71*	1.15**	-25.12**	-25.23**	23.15**	16.26**
x3	11.11**	-11.12**	-5.13**	-5.31**	-45.17**	-22.11**	-37.15**	-37.51**	35.15**	0.26
x4	0.68	-4.31**	-5.13**	5.82**	-19.22**	-5.15**	-20.22**	39.25**	43.14**	11.11**
x5	-12.11**	-9.16**	-23.30**	17.18**	-5.15**	-5.15**	-27.12**	-27.55**	25.15*	0.35
x6	-4.31**	-11.22**	-17.18**	17.18**	-8.36**	5.10**	-5.25**	-5.10**	-0.28	0.40
x7	-6.18**	-8.17**	-28.15**	28.00**	-17.17**	-2.30**	-5.25**	-9.20**	-12.15**	12.19**
x8	-1.21	-2.62**	-6.19**	17.18**	-35.28**	-17.30**	-25.11**	-30.02**	22.38**	11.26**
Acc-2x3	12.22**	-8.47**	0.62	17.18**	-3.66**	6.16**	6.20**	-5.12**	-0.44	25.19**
x4	-11.15**	-11.12**	-16.14**	23.22**	-0.14	-16.19**	17.55**	20.80**	8.16**	-5.25**
x5	15.18**	-4.12**	-5.26**	-7.11**	-30.12**	2.17**	-8.18**	-21.25**	-13.15**	12.19**
x6	-14.31**	-4.80**	-5.31**	3.25**	21.19**	-9.18**	-8.15**	32.23**	11.27**	5.25**
x7	18.27**	-6.80**	-28.11**	5.31**	9.24**	-35.14**	6.20**	-10.12**	-7.18**	5.25**
x8	16.15**	-6.28	25.00**	35.17**	-21.15**	1.19**	5.14**	-8.77**	28.15**	-9.12**
Acc-3x4	-11.11**	-3.72**	32.15**	1.78**	-24.22**	-15.16**	-22.17**	-15.12**	-0.15	27.27**
x5	-9.27**	-2.24	-16.16**	-5.12**	-20.22**	0.27	-17.16**	-12.55**	20.16**	11.37**
x6	-10.24**	-9.26**	0.28	1.26*	0.28	-15.31**	5.27**	-5.25**	27.15**	-5.35**
x7	4.26**	-6.06**	14.11**	10.38**	-25.18**	1.55**	13.23**	0.15	15.15**	3.71**
X8	10.34**	-11.82**	-6.61**	23.12**	35.15**	-8.66**	-8.28**	-12.15**	-15.07**	11.26**
Acc-4x5	-4.51**	-20.26**	0.00	13.26**	-34.16**	2.08**	-12.25**	-10.25**	13.19**	9.22**
x6	2.35	-11.85**	0.00	-5.12**	-34.16**	14.19**	-17.25**	-10.12**	0.26	-14.28**
x7	-5.28**	-8.12**	-1.61	16.26**	-39.12**	-5.29**	-10.00**	-12.25**	21.26**	12.90**
X8	5.12**	-6.62	15.26**	-5.03**	24.17**	1.90**	-17.35**	-7.26**	34.33**	-12.90**
Acc-5x6	-3.17*	-5.50**	-13.36**	-5.18**	-16.22**	-15.31**	2.50**	22.17**	-4.44**	25.19**
x7	-10.11**	-21.26**	-0.70	6.62**	-44.22**	3.35**	5.70**	21.15**	0.22	7.24**
x8	2.51**	-20.16**	-6.16**	-4.13**	6.17**	-29.11**	-11.44**	-8.17**	54.34**	0.45
Acc-6x7	-13.16**	-9.40**	-10.72**	1.78**	-35.6**	-25.11**	-0.82**	-12.25**	-24.16**	2.29**
x8	13.16**	-8.62	6.15**	-17.80**	-55.16**	6.80**	-27.11**	-32.15**	-20.12**	9.18**
Acc-7x8	2.80*	-3.71**	11.15**	1.02	0.25	-2.31**	-5.14**	-20.00**	51.14**	1.26**
CD(Sij)5%	2.60	2.65	1.10	1.11	0.36	0.37	0.72	0.75	0.52	0.52
CD(Sij)1%	3.50	3.50	1.46	1.46	0.48	0.48	0.95	0.96	0.70	0.70

Note: *,** significant at 5% and 1% level of significance, respectively