

Table 2 Specific combining ability (*sca*) effects for crosses for different characters

Crosses	Days taken to first fruit harvest	Number of fruits per vine	Average fruit weight	diameter of fruit	Average fruit yield
Acc-1x2	-0.24**	0.68*	8.28**	1.13**	-0.27
x3	2.41**	0.38**	-9.71**	0.38*	-0.48
x4	-0.14*	0.64*	9.32**	0.06	0.67**
x5	0.45**	-0.28	2.82**	0.59**	-0.58**
x6	-2.31**	-0.38	1.08	0.46**	0.34
x7	-0.58**	-1.08**	-4.31*	-0.39**	-0.15
x8	0.11	-0.35	-29.07**	-0.31*	-0.45**
Acc-2x3	-1.14**	-0.85**	7.95**	-0.81**	0.05
x4	-0.41**	0.45	-8.68**	-0.01	0.64**
x5	0.78**	-0.11	-4.87**	0.19	-0.01
x6	0.41*	0.38	0.22	0.79**	0.61**
x7	1.78**	-0.08	6.62**	-0.19	0.45*
x8	1.01*	-0.98**	-6.34**	-0.05	0.39
Acc-3x4	-0.14*	-0.05	-6.67**	-1.07**	-0.28
x5	0.35**	1.11**	-8.21**	-0.31	-0.86**
x6	1.08**	0.21	7.42**	0.30	-0.27
x7	-1.48**	0.68*	0.15	-0.29	-0.02
x8	-0.61**	-0.65*	9.58**	0.14	0.41*
Acc-4x5	-0.54**	1.18**	-1.54**	0.04	0.02
x6	1.31**	0.44	-6.14**	-0.64**	0.07
x7	-1.85**	1.51**	-8.87**	-0.09	0.60**
x8	1.45**	0.78*	5.45**	0.20	-0.13
Acc-5x6	-2.24**	0.18	-1.41	-0.88**	0.58**
x7	2.45**	0.82**	-5.45**	0.39	0.61**
x8	1.12**	0.61*	3.91**	-0.32*	-0.78**
Acc-6x7	1.85**	-1.81**	-1.81	-0.07	-0.87**
x8	1.35**	-0.15	8.42**	-0.50**	0.35
Acc-7x8	-1.88**	-0.08	2.88**	-0.70**	-0.12
CD(Sij)5%	0.143	0.610	2.201	0.292	0.405
CD(Sij)1%	0.194	0.816	2.621	0.394	0.532

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