

Table 7 Heritability (Narrow sense) estimates for twelve quantitative characters in single and double cross populations

Characters	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12
SCH	27	11	09	12	34	13	9	18	33	47	09	08
DCH	13	28	05	08	36	14	16	15	42	31	08	05

Note: Low  $h^2 = 5\% \sim 10\%$ ; Medium  $h^2 = 10\% \sim 30\%$ ; High  $h^2 = 30\% \sim 60\%$ ; \* Significant @ 5%; \*\*Significant @ 1%; X1: Days to first flowering; X2: Days to 50 per cent flowering; X3: Plant height; X4: Number of branches per plant; X5: Internodal length; X6: Fruit weight; X7: Fruit length; X8: Fruit diameter; X9: Number of seeds per fruit; X10: 100 seed weight; X11: Number of fruits per plant