Table 1 Top ranking hybrids which exhibited significant sca effects, with their mean performance for different characters

Sl no.	Character	Crosses	Mean	sca effects
1	Plant height (cm)	Nil		
2	Days to 50% flowering	PB×MEHA	46.67	−2.37**
		PB×KGS−83	46.00	−2.20*
3	Day to maturity	PB×TARM−1	73.33	−4.47**
		CM×MEHA	76.67	−3.53**
		CM×BPMR−1	73.33	−3.37**
4	Number of cluster per plant	CM×TARM−1	11.83	3.07**
		CM×TRM−18	11.10	1.87**
		PB×KGS 83	5.60	1.41**
		PB×MEHA	6.33	1.18**
		CM×VC−1	5.30	1.06*
5	Number of pods per cluster	PB×TARM−1	5.74	1.17**
		CM-VC−1	2.99	0.64*
		PB×DMG−1030	5.11	0.63*
6	Number of pods per plant	CM×TARM−18	33.05	4.53**
		PB×MEHA	26.00	4.25*
		CM×TARM−1	34.40	4.24*
		PB×DMG-1030	25.00	3.73*
7	Pod length (cm)	NIL		
8	Hundred seed weight (g)	NIL		
9	Total dry matter at harvest (g)	CM×TARM−18	32.40	6.26**
		CM×MEHA	15.53	6.14**
		CM×TARM−1	30.35	4.68**
		PB×BPMR−1	18.00	4.29**
10	Harvest index (%)	CM×VC−1	36.46	9.67**
		CM×TARM−1	17.79	6.20**
11	Seed yield per plant (g)	CM×VC−1	9.87	3.24**
		PB×MEHA	5.00	0.84**
12	Seed yield per plot (g)	CM×VC−1	287.67	93.07**
		PB×TARM−1	162.33	20.60**
		CM×TARM−2	133.33	16.93**
		CM×TARM−18	123.00	16.10**
		CM×BPMR−1	165	15.73**

Note: CM: Chinamung; PB: Pusa baisaki; * and ** indicates significance at 5% and 1% probability levels, respectively