

Table 1 Mean sum of squares (ANOVA) for 12 quantitative traits in recombinant line of Gullya white × Maruti cross in F<sub>3</sub> and F<sub>4</sub> generation

Sl. No	Character	F <sub>3</sub>			F <sub>4</sub>		
		Replication	Genotype	Error	Replication	Genotype	Error
	Degree of freedom	1	179	179	1	179	179
1	Days to 50 % flowering	10.68	261.46**	9.33	16.04	264.25**	9.11
2	Days to maturity	8.87	241.00**	71.76	21.51	262.50**	71.77
3	Plant height (cm)	5.88	398.14**	110.5	9.02	673.15**	130.5
4	No of primary branches per plant	0.54	7.64**	0.73	2.34	2.56**	0.74
5	No secondary branches per plant	0.23	1.87**	0.21	0.03	1.79**	0.33
6	No seeds per pod	0.01	0.83**	0.08	0.02	0.87**	0.1
7	No seeds per plant	3.4	444.34**	106.03	0.28	2792.06**	287.73
8	No of pods per plant	1.6	135.44**	14.64	1.88	312.27**	29.27
9	Pod bearing length (cm)	11.37	23.03**	5.45	1	69.21	6.94
10	Test weight (gm)	0.47	2.63**	0.51	0.04	3.97**	0.4
11	Seed yield per plant (gm)	0.25	26.85**	2.38	0.21	23.98**	2.58
12	Seed yield (Kg/ha)	2783.33	512811**	47777	2758.25	93906.85**	14092.2

Note: \*= Significant at 0.05 probability level; \*\*= Significant at 0.01 probability