

Table 5 Gene effects for yield and its components in JGG1 X ICC 96029

Sources of variation	d. f.	Days to 50% flowering	Days to pod initiation	Days to maturity	Plant height (cm)	No. of Primary branches	No. of effective pods / plant	No. of seeds / plant	Pod filling %	Biological yield (g)	Harvest index (%)	Seed yield / plant (g)
^		48.85**	58.33**	106.04**	48.84**	2.79**	99.91**	168.28**	90.94**	50.19**	54.11**	27.15**
M	SE	±1.73	±1.18	±0.47	±2.80	±0.25	±9.97	±13.24	±1.42	±2.78	±2.22	±1.85
^		-16.17**	-12.33**	-5.08*	3.65**	-0.33*	-19.43	-13.50*	-2.31**	-12.92	10.06**	-2.43**
D	SE	±1.61	±1.64	±2.60	±0.47	±0.14	±11.18	±6.20	±0.87	±4.34	±2.48	±0.89
^		6.08	3.24	2.33	-3.40	0.90	84.40	141.00**	-0.32	47.08**	-1.58	22.00**
H	SE	±6.79	±6.42	±2.17	±8.49	±0.78	±53.50	±44.26	±3.18	±13.34	±7.68	±6.89
^		-33.08**	-27.92**	-13.76**	-3.75	-0.67	-56.10	2.17	-7.72	-15.64	23.31**	1.71
I	SE	±7.05	±6.57	±3.30	±8.45	±0.80	±53.53	±51.13	±4.01	±15.78	±7.93	±7.46
^		20.44	48.18*	-0.83	5.32	0.77**	192.10	-95.79	20.43	-11.31	-41.34	-32.64
L	SE	±22.83	±20.63	±5.89	±26.81	±2.39	±157.16	±171.91	±12.01	±52.58	±22.04	±24.72
Epistatic interaction	C	C	D	D	C	C	C	D	D	D	C	D
Mean		0.38	0.26	0.46	0.93	2.73	4.34	10.44	0.14	3.64	0.16	9.05
degree of dominance												

Note: *, ** = significant at 5% and 1% levels, respectively