

Table 7 Gene effects for yield and its components in JG 130 X JG 322

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 percentage	Biological yield (g)	Harvest index (%)	Seed yield / plant (g)
^		48.65**	60.14**	105.00**	46.43**	2.72**	81.28**	97.14**	90.09**	38.50**	47.46**	18.28**
M	SE	±0.34	±0.66	±0.75	±1.52	±0.09	±8.59	±8.15	±0.74	±2.61	±1.44	±1.37
^		-1.83	-3.00	-0.83	-1.41*	-0.26**	-18.96	-28.30**	0.51	-0.06	0.04	0.20
D	SE	±2.63	±1.93	±0.86	±0.55	±0.04	±10.70	±9.61	±0.72	±4.07	±2.71	±2.77
^		-0.02	-3.51**	1.48	-9.45	0.76*	26.91	48.52	-3.61	24.05*	-1.75	11.02
H	SE	±9.99	±10.29	±2.75	±6.47	±0.29	±24.21	±25.68	±2.24	±10.37	±8.27	±7.00
^		-4.19	-8.01	1.65	-8.31	0.35	-25.37	-17.02	-2.54	22.87	3.59	12.86
I	SE	±9.62	±9.02	±3.19	±5.78	±0.31	±32.38	±34.95	±2.75	±13.76	±8.04	±8.83
^		45.46*	49.11*	-2.97	16.37	-0.95	85.57	141.59	22.24**	-6.09	2.42	0.25
l	SE	±23.23	±24.58	±9.73	±17.55	±0.98	±92.52	±92.28	±7.39	±35.26	±21.25	±21.92
Epistatic interaction		D	D	D	D	D	C	C	D	D	D	C
Mean degree of dominance		0.01	1.05	1.78	6.70	2.92	1.42	1.71	7.08	400.83	43.75	55.1

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