

Table 3 Gene effects for yield and its components in JG 74 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 percentage	Biological yield (g)	Harvest index (%)	Seed yield/plant (g)
^		47.93**	60.37**	103.52**	53.20**	3.31**	105.69**	123.77**	93.34**	43.56**	47.50**	20.68**
m	SE	±1.86	±0.78	±0.37	±0.71	±0.09	±2.88	±4.48	±0.73	±0.65	±1.13	±0.43
^		-13.17**	-6.75**	-3.83**	-2.97**	-0.53**	2.95	2.83	-0.60	-5.70	8.45	-1.35*
d	SE	±0.53	±1.23	±0.39	±1.00	±0.09	±2.89	±3.99	±2.02	±1.67	±4.83	±0.58
^		11.2	4.80	3.04	-11.03**	0.28	99.62*	96.29*	-0.008	20.21	0.51	7.80
h	SE	±6.04	±3.20	±2.12	±2.49	±0.35	±47.07	±38.70	±2.45	±17.76	±4.54	±5.51
^		-25.3**	-13.45**	-10.79**	-10.22**	-0.57	5.92	23.69	-2.99	-27.92	33.03**	-5.37
i	SE	±6.59	±4.18	±2.00	±3.55	±0.35	±52.90	±42.68	±5.02	±20.14	±11.26	±6.22
^		15.20	15.61	5.16	-30.42**	-3.50**	59.57	-44.58	-0.38	30.03	-24.16	-3.34
l	SE	±22.00	±11.38	±6.41	±9.82	±1.05	±188.14	±147.94	±8.5	±71.03	±17.45	±21.83
Epistatic interaction		C	C	C	C	D	C	D	C	C	D	D
Mean degree of dominance		0.85	0.71	0.79	3.17	0.53	39.85	34.02	0.01	3.55	0.06	5.78

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