

Table 1 Correlation between yield and yield components at genotypic and phenotypic level.

		PB/P	SB/P	DFFL	D50%F	DFM	FD(mm)	FL(cm)	FPL(cm)	FW(gm)	F/P	100SW	Y/P
PH (cm)	r _g	0.072	0.27	0.094	0.11	-0.142	0.135	-0.24	-0.015	-0.062	-0.02	0.009	-0.128
	r _p	0.054	0.089	0.096	0.124	-0.127	0.123	-0.225	-0.013	-0.046	-0.017	0.006	-0.105
PB/P	r _g		0.959**	0.033	-0.053	-0.22	-0.112	-0.317*	-0.225	-0.251	0.263	-0.208	0.082
	r _p		0.553**	-0.003	-0.089	-0.227	-0.089	-0.242	-0.161	-0.236	0.22	-0.167	0.06
SB/P	r _g			-0.027	-0.188	-0.219	-0.169	-0.066	-0.272	-0.027	0.281	-0.051	0.349*
	r _p			-0.019	-0.149	-0.158	-0.139	-0.002	-0.182	-0.064	0.113	0.021	0.121
DFFL	r _g				0.868**	0.637**	-0.26	-0.212	-0.043	-0.536**	0.029	-0.433**	-0.299
	r _p				0.826**	0.626**	-0.253	-0.196	-0.052	-0.507 **	0.023	-0.412**	-0.281
D50%	r _g					0.736**	-0.168	-0.374*	0.009	-0.522**	-0.157	-0.459**	-0.409**
F	r _p					0.718**	-0.167	-0.322 *	-0.016	-0.476 **	-0.138	-0.432 **	-0.362*
DFM	r _g						-0.14	-0.159	0.04	-0.539**	-0.236	-0.197	-0.480**
	r _p						-0.152	-0.132	0.013	-0.487 **	-0.213	-0.167	-0.428**
FD (mm)	r _g							-0.391*	-0.168	0.423**	-0.094	0.089	0.067
	r _p							-0.347 **	-0.143	0.409 **	-0.107	0.076	0.053
FL (cm)	r _g								0.474**	0.25	0.028	0.346*	0.342*
	r _p								0.435**	0.22	0.033	0.328*	0.296*
FPL (cm)	r _g									0.105	-0.272	0.125	-0.107
	r _p									0.102	-0.225	0.118	-0.072
FW(g m)	r _g										-0.187	0.458**	0.463**
	r _p										-0.17	0.436**	0.466**
F/P	r _g											0.056	0.691**
	r _p											0.059	0.698**
100SW	r _g												0.339*
	r _p												0.323*

Note: PH= Plant height, PB/P= No. of primary branches/plant, SB/P= No. of secondary branches/plant, DFFL= Days to first flowering, D50%F= Days to 50% flowering, DFM = Days to fruit maturity, FD= Fruit diameter, FL= Fruit length, FW= Fruit weight, F/P= Fruits/plant, 100SW= 100 seed weight, Y/P= Yield/plant

** = Significant at 1% level of probability, * = Significant at 5% level of probability