

Table 4 Direct (diagonal) and indirect effect of component traits on their phenotypic correlation with seed yield in greengram

Character	Days to 50 % flowering	to Plant % height	Cluster Plant ⁻¹	Pods Plant ⁻¹	Pod length	Seeds Pod ⁻¹	Survival of 10 days old seedling at 10°C	Survival of 20 days old seedling at 10°C	Survival of 30 days old seedling at 10°C	Survival of 40 days old seedling at 10°C	100-seed weight	Yield Plant ⁻¹
Days to 50 % flowering	-0.0480	-0.0912	-0.0064	0.0767	0.0108	-0.0009	-0.0061	0.0107	0.0022	-0.0207	-0.1862	-0.2590
Plant height	0.0119	0.3663	0.0129	0.3449	0.0165	0.0033	-0.0104	0.0012	-0.0138	-0.0095	0.0546	0.7780
Cluster plant ⁻¹	0.0060	0.0930	0.0508	0.2325	0.0150	0.0009	-0.0030	-0.0044	0.0022	0.0264	0.0344	0.4540
Pods plant ⁻¹	-0.0062	0.2124	0.0199	0.5947	0.0333	0.0040	-0.0167	0.0075	-0.0148	-0.0149	-0.0803	0.7390
Pod length	-0.0087	0.1022	0.0129	0.3342	0.0593	0.0050	-0.0036	0.0148	0.0025	-0.0106	-0.1329	0.3750
Seeds pod ⁻¹	0.0054	0.1516	0.0056	0.2920	0.0366	0.0081	0.0044	0.0035	-0.0087	0.0147	-0.0461	0.4674
Survival of 10 days old seedling at 10°C	0.0046	-0.0604	-0.0024	-0.1570	-0.0034	0.0006	0.0632	-0.0141	-0.0079	0.0041	0.0367	-0.1360
Survival of 20 days old seedling at 10°C	0.0103	-0.0092	0.0045	-0.0898	-0.0176	-0.0006	0.0178	-0.0499	-0.0120	0.0409	0.0286	-0.0770
Survival of 30 days old seedling at 10°C	0.0018	0.0875	-0.0019	0.1522	-0.0026	0.0018	0.0087	-0.0104	-0.0579	0.0176	0.0247	0.2210
Survival of 40 days old seedling at 10°C	0.0089	-0.0311	0.0120	-0.0791	-0.0056	0.0011	0.0023	-0.0182	-0.0091	0.0020	0.0279	0.0210
100-seed weight	0.0275	0.0615	0.0054	-0.1469	-0.0243	-0.0011	0.0071	-0.0044	-0.0044	0.0096	0.3249	0.2550

Note: R²=85.360, Residual, effect=0.383

