

Table 2 Path coefficient analysis showing direct (bold) and indirect effect of yield component on yield at genotypic and phenotypic level

Character		PH (cm)	PB/P	SB/P	DFFL	D50%F	DFM	FD (mm)	FL (cm)	FPL (cm)	FW (gm)	F/P	100SW	Correlation with yield
PH(cm)	r <sub>g</sub>	0.0905	0.0302	-0.0555	-0.0343	0.0481	-0.0273	-0.0043	-0.1101	0.0023	-0.05	-0.0175	-0.0005	-0.128
	r <sub>p</sub>	-0.0351	0.0033	0.0062	-0.0159	0.0302	-0.0038	-0.0053	-0.0408	0.0003	-0.0302	-0.0142	-0.0001	-0.105
PB/P	r <sub>g</sub>	0.0065	0.4204	-0.197	-0.0123	-0.0233	-0.0422	0.0035	-0.1451	0.0362	-0.2028	0.226	0.0122	0.082
	r <sub>p</sub>	-0.0019	0.0603	0.0385	0.0005	-0.0219	-0.0068	0.0039	-0.0439	0.0035	-0.1548	0.1802	0.0024	0.06
SB/P	r <sub>g</sub>	0.0245	0.4029	-0.2055	0.0098	-0.0826	-0.042	0.0053	-0.0301	0.0438	-0.0214	0.2412	0.003	0.349
	r <sub>p</sub>	-0.0031	0.0333	0.0697	0.0033	-0.0364	-0.0047	0.006	-0.0004	0.004	-0.0421	0.0924	-0.0003	0.121
DFFL	r <sub>g</sub>	0.0085	0.014	0.0055	-0.3672	0.3814	0.1223	0.0082	-0.0969	0.007	-0.4328	0.0252	0.0254	-0.299
	r <sub>p</sub>	-0.0034	-0.0002	-0.0014	-0.1652	0.2012	0.0187	0.011	-0.0355	0.0012	-0.3329	0.0194	0.0059	-0.281
D50%F	r <sub>g</sub>	0.0099	-0.0223	0.0387	-0.3188	0.4393	0.1414	0.0053	-0.1715	-0.0015	-0.4217	-0.1347	0.027	-0.409
	r <sub>p</sub>	-0.0044	-0.0054	-0.0104	-0.1366	0.2433	0.0215	0.0072	-0.0584	0.0004	-0.3126	-0.1136	0.0061	-0.362
DFM	r <sub>g</sub>	-0.0129	-0.0923	0.0449	-0.2338	0.3233	0.1921	0.0044	-0.0728	-0.0064	-0.4352	-0.2027	0.0116	-0.48
	r <sub>p</sub>	0.0045	-0.0137	-0.011	-0.1035	0.1747	0.0299	0.0066	-0.0239	-0.0003	-0.3198	-0.1746	0.0024	-0.428
FD(mm)	r <sub>g</sub>	0.0122	-0.0471	0.0347	0.0956	-0.0738	-0.027	-0.0316	-0.1789	0.027	0.3418	-0.0808	-0.0052	0.067
	r <sub>p</sub>	-0.0043	-0.0054	-0.0097	0.0418	-0.0406	-0.0045	-0.0433	-0.0628	0.0031	0.2684	-0.0877	-0.0011	0.053
FL(cm)	r <sub>g</sub>	-0.0217	-0.1331	0.0135	0.0777	-0.1644	-0.0305	0.0123	0.4582	-0.0762	0.2022	0.024	-0.0203	0.342
	r <sub>p</sub>	0.0079	-0.0146	-0.0002	0.0324	-0.0785	-0.004	0.015	0.1809	-0.0095	0.1446	0.0273	-0.0047	0.296
FPL(cm)	r <sub>g</sub>	-0.0013	-0.0946	0.0559	0.0159	0.0041	0.0077	0.0053	0.2169	-0.161	0.0849	-0.2339	-0.0074	-0.107
	r <sub>p</sub>	0.0005	-0.0097	-0.0128	0.0087	-0.0041	0.0004	0.0062	0.0787	-0.0218	0.0673	-0.1839	-0.0017	-0.072
FW(gm)	r <sub>g</sub>	-0.0056	-0.1055	0.0054	0.1966	-0.2292	-0.1034	-0.0134	0.1146	-0.0169	0.8082	-0.1607	-0.0269	0.463
	r <sub>p</sub>	0.0016	-0.0142	-0.0045	0.0838	-0.1159	-0.0146	-0.0177	0.0399	-0.0022	0.656	-0.1391	-0.0062	0.466
F/P	r <sub>g</sub>	-0.0018	0.1105	-0.0576	-0.0108	-0.0688	-0.0453	0.003	0.0128	0.0438	-0.151	0.8599	-0.0033	0.691
	r <sub>p</sub>	0.0006	0.0133	0.0079	-0.0039	-0.0338	-0.0064	0.0046	0.006	0.0049	-0.1116	0.8175	-0.0008	0.698
100SW	r <sub>g</sub>	0.0008	-0.0873	0.0104	0.1589	-0.2015	-0.0379	-0.0028	0.1584	-0.0202	0.3705	0.0481	-0.0588	0.339
	r <sub>p</sub>	-0.0002	-0.0101	0.0015	0.0682	-0.1051	-0.005	-0.0033	0.0594	-0.0026	0.2864	0.0485	-0.0142	0.323

Note: Residual effect, at genotypic level: 0.2998, at phenotypic level: 0.3366