

Table 2. Genetic correlation coefficients among yielding

Characters	1	2)	3)	4)	5)	6)	7)	8)
1) Fresh fruit yielding		0.9396 ^{**}	0.2252	-0.4080	-0.3289	-0.2254	-0.3413	-0.0228
		0.9989 ^{**}	0.0937	-0.2193	-0.2696	-0.0178	-0.3011	-0.0286
		0.9505 ^{**}	0.0508	-0.2508	-0.3797	-0.2673	-0.2851	-0.1651
2) Dried fruit yielding			0.1885	-0.3118	-0.2908	-0.3931	-0.2904	-0.2591
			0.0308	-0.1913	-0.2429	-0.0111	-0.2838	-0.0412
			0.1091	-0.1931	0.3392	-0.3611	-0.2339	-0.0008
3) Rate of dried fruit				-0.0572	-0.1248	-0.7409 [*]	-0.0619	-0.3670
				-0.1092	-0.1065	-0.1683	-0.0183	-0.3048
				-0.0126	-0.0488	0.2121	-0.0242	-0.6625
4) Fresh weight of root					0.8806 ^{**}	0.3530	0.9801	0.5238
					0.9911 ^{**}	0.3440	0.9854	0.8615
					0.9118	0.2558	0.9937	0.6509
5) Dry weight of root						0.4109	0.9523 ^{**}	0.4852
						0.4703	0.9851 ^{**}	0.6910
						0.0502	0.9301	0.4661
6) Rate of dried root							0.3121	0.3809
							0.3820	0.6706
							0.2742	0.4294
7) *Jigolpi								0.4135
								0.7473
								0.6235
8) Rate of Jigolpi								

Upper : 1979

Middle : 1980

Lower : 1981

Table 3. Direct and indirect effects of genotypic correlation between yield components of tea tree varieties to the yield in 1979, 1980 and 1981.

Pathway of association	Year		
	1979	1980	1981
Fresh weight of root			
1) Direct effect (P _{4y})	1.0414	3898	0.8152
2) Indirect via dry weight of root (r _{45p5y})	0.3492	3317	0.3444
3) Indirect via rate of dried root (r _{46p6y})	0.0540	1917	0.0899
Dry weight of root			
1) Direct effect (P _{5y})	0.3966	3905	0.3777
2) Indirect via fresh weight of root (r _{45p4y})	0.8933	3641	0.7434
3) Indirect via rate of dried root (r _{56p5y})	0.0564	2621	0.0176
Rate of dried root			
1) Direct effect (P _{6y})	0.1374	5572	0.3516
2) Indirect via fresh weight of root (r _{46p4y})	0.3986	3942	0.2085
3) Indirect via dry weight of root (r _{65p6y})	0.1629	2558	0.0189