

Table 4 Relationships between soil nutrients and the fruit quality of Shenzhou nane

Indexes	pH	OM	N	P	K	Ca	Mg	Fe	Mn	Cu	Zn
MPF	0.819**	0.818**	0.540	0.239	0.546	0.856**	0.079	-0.014	0.068	0.911**	0.541
Firm	0.820**	0.723**	0.475	0.128	0.500	0.723**	0.164	0.082	0.137	0.826**	0.511
TSS	0.839**	0.814**	0.542	0.267	0.532	0.842**	0.106	0.015	0.088	0.953**	0.523
SS	0.633*	0.699*	0.387	0.470	0.286	0.687*	-0.124	-0.168	-0.114	0.792**	0.259
TA	-0.253	-0.146	0.387	-0.843**	0.469	0.011	0.355	0.226	0.536	-0.343	0.465
Vc	0.497	0.270	-0.253	0.803**	-0.284	0.214	-0.184	-0.078	-0.341	0.593*	-0.252
TSS/TA	0.756**	0.699*	0.261	0.561	0.218	0.652*	-0.073	-0.090	-0.161	0.882**	0.213
SS/TA	0.561	0.553	0.057	0.760**	-0.054	0.457	-0.276	-0.238	-0.365	0.711*	-0.071

Notes: \*represents remarkable significance at  $p < 0.05$  level; \*\*represents remarkable significance at  $p < 0.01$  level