

1
2
3
4
5
6
7
8
9
10
11
12
13

Table S1 Basic information of the 10 loquat orchards.

ID	Location	Longitude (°E)	Latitude (°N)	Cultivation time (year)	Fertilization [‡]	Soil pH [‡]	Soil EC [§] (mS/cm)
1	A	121.51	29.18	<10 a	IO	4.9	253.0
2	B	121.50	29.21	<10 a	IO	5.2	158.1
3	C	121.46	29.20	<10 a	I	5.0	82.9
4	D	121.49	29.19	10–15 a	I	4.2	275.1
5	E	121.47	29.21	10–15 a	O	4.3	263.3
6	F	121.52	29.19	15–20 a	I	4.7	110.4
7	G	121.41	29.16	15–20 a	IO	4.9	315.1
8	H	121.50	29.20	15–20 a	IO	5.4	207.6
9	I	121.40	29.17	>20 a	I	5.4	72.8
10	J	121.45	29.20	>20 a	O	4.4	137.7

[‡] I represents inorganic fertilizer as a local practice; O represents organic fertilizer as a local practice; and IO represents inorganic fertilizer plus organic fertilizer.

[‡] The average soil pH of the loquat orchard.

[§] The average soil EC of the loquat orchard.

14 **Table S2** Primers used to determine soil bacterial, fungal, and protistan communities.

Microbes	Primer name	Primer sequences	Reference
Bacteria	515F 907R	GTGCCAGCMGCCGCGG CCGTCAATTCMTTTRAGTTT	(32)
Fungi	ITS5-1737F ITS2-2043R	GGAAGTAAAAGTCGTAACAAGG GCTGCGTTCTTCATCGATGC	(32)
Protists	TAReuk454FWD1 TAReukREV3	CCAGCASCYGCGGTAATTCC ACTTTCGTTCTTGATYRA	(31)

15

16