

Table S1. Effect of foliar applied methyl jasmonate on fruit weight, size, soluble sugars, titratable acidity, sugar-acid ratio and fruit fructose content of loquat at different developmental stages.

Growth stage	Treatment	Fruit weight (g)	Fruit length (mm)	Fruit diameter (mm)	Fruit shape index	Soluble sugars (mg/g)	TTA (%)	Sugar-acid ratio	Fructose (mg/g)
Fruitlet	0 mM MeJA	3.15±0.03	25.48±0.62	16.46±0.27	1.54±0.03	3.04±0.39	0.44±0.06	6.9±0.98	1.15±0.18
	5 mM MeJA	2.73±0.04	23.6±0.29	16.24±0.31	1.45±0.03	3.55±0.14	0.43±0.01	8.15±0.34	1.22±0.03
	10 mM MeJA	3.8±0.09	25.52±0.31	17.9±0.2	1.42±0.02	3.92±0.26	0.43±0.01	8.99±0.61	1.01±0.31
	15 mM MeJA	3.69±0.17	26.28±0.32	17.55±0.29	1.49±0.02	4.49±0.3	0.55±0.03	7.98±0.47	0.98±0.1
Immature green	0 mM MeJA	11.15±0.78	36.86±1.12	25.94±0.72	1.42±0.04	4.31±0.58	0.84±0.01	5.45±1.13	1.18±0.22
	5 mM MeJA	6.84±0.2	31.04±0.71	22.05±0.22	1.4±0.03	2.53±1.07	0.96±0.05	1.89±1.46	1.23±0.14
	10 mM MeJA	8.28±0.52	35.05±0.4	23.86±0.7	1.47±0.04	4.52±0.19	0.96±0.05	4.85±0.48	1.08±0.28
	15 mM MeJA	8.31±0.55	32.48±0.31	23.41±0.72	1.39±0.04	4.17±0.28	0.84±0.01	4.63±0.14	1.19±0.04
Mature green	0 mM MeJA	25.27±1.21	46.18±1.68	34.71±0.43	1.33±0.04	8.3±0.81	1.64±0.02	5.05±0.54	3.53±0.04
	5 mM MeJA	24.63±1.22	46.97±1.69	34.65±0.64	1.35±0.05	9.03±0.38	1.7±0.01	5.3±0.24	3.87±0.3
	10 mM MeJA	29.66±3.29	47.01±1.81	36.68±1.64	1.28±0.05	4.03±2.17	1.79±0	2.24±1.21	2.09±0.26
	15 mM MeJA	29.26±1.63	49.14±1.53	36.74±0.87	1.34±0.05	9.09±0.8	1.75±0.05	4.76±0.42	3.22±0.23
Breaking	0 mM MeJA	41.15±3.35	51.49±0.6	40.63±1.33	1.27±0.03	17.21±0.07	1.28±0.01	13.36±0.08	6.46±0.27
	5 mM MeJA	49.57±1.9	55.04±1.48	41.7±0.62	1.31±0.03	33.83±2.24	0.8±0.01	42.15±2.79	8.7±0.5
	10 mM MeJA	51.92±2.16	53.73±2.18	43.2±0.45	1.24±0.05	19.95±1.39	1.2±0.03	16.52±0.75	7.72±0.51
	15 mM MeJA	44.61±1.43	48.81±0.85	41.74±1.04	1.17±0.04	20.68±0.57	1.23±0.08	16.88±0.72	6.32±0.25
Full ripe	0 mM MeJA	57.75±3.17	55.36±0.89	44.23±0.74	1.25±0.02	46.13±1.05	0.49±0.01	92.75±4.31	11.69±0.5
	5 mM MeJA	54.37±3.41	50.58±0.85	43.75±0.91	1.15±0.02	35.51±1.01	0.67±0.01	52.42±2.14	11.06±0.1
	10 mM MeJA	73.31±4.83	55.61±1.1	49.28±1.11	1.13±0.03	37.66±0.75	0.62±0.01	60.48±1.75	16.25±1.89
	15 mM MeJA	54.65±3.13	51.45±1.17	44.34±0.71	1.16±0.02	51.53±6.14	0.84±0.04	60.65±4.64	11.15±0.33