



Figure S1. Chemical structures of the phenolic compounds and benzoic acid.

Table S1. The effect of 0.1% chitosan and 150 μ M jasmonic acid on the growth of germinated buckwheats grown for 72 hours.

	Fresh Weight (g)	Dry Weight (g)
Control	8.98 \pm 0.63 a ¹	3.29 \pm 0.16 a
0.1% chitosan	8.37 \pm 0.22 a	3.08 \pm 0.04 a
150 μ M jasmonic acid	8.63 \pm 0.37 a	3.18 \pm 0.11 a

¹ Means with different letters in the same column differ significantly ($p < 0.05$, ANOVA, Duncan Multiple Range Test (DMRT)).