

S1 Table: One-way ANOVA results for root-Se in agar plants when added as selenate

Groups (k)	Number (n)	Sum	Mean	Variance		
added c(Se) 0 µg/L	3	0.09	0.03	0.00		
added c(Se) 5 µg/L	3	5.49	1.83	0.13		
added c(Se) 10 µg/L	3	9.95	3.32	0.07		
added c(Se) 25 µg/L	3	26.76	8.92	26.09		
added c(Se) 50 µg/L	3	64.74	21.58	4.13		
added c(Se) 100 µg/L	3	134.86	44.95	205.35		
added c(Se) 250 µg/L	3	286.65	95.55	1500.89		
added c(Se) 500 µg/L	3	287.26	95.75	2250.82		
added c(Se) 1000 µg/L	3	232.32	77.44	913.02		
added c(Se) 2500 µg/L	3	201.53	67.18	1047.96		
Distribution	Sum of squares (SS)	Degrees of freedom (df)	Mean sum of squares (MS)	Testing variable (F)	P-value	Critical F-value
Difference between groups	42112.64	9.00	4679.18	7.87	6.75E-05	2.39
Difference within groups	11896.98	20.00	594.85			
total	54009.62	29.00				