

Table 1 Comparison of sterilization effects of different sterilizers and their processing time on young stems

Disinfectors	Sterilization time (min)	Contaminated rate (%)	Death rate (%)	Survival rate (%)
HgCl ₂ (0.05%)	3	57.78±2.32 ^a	27.78±1.67 ^{cde}	24.44±0.63 ^{cd}
	5	37.78±2.23 ^{ab}	31.11±2.15 ^{bc}	36.67±2.59 ^{cd}
	7	50.00±3.56 ^{bc}	35.56±3.12 ^{bc}	21.11±4.14 ^{cd}
HgCl ₂ (0.1%)	3	7.78±1.41 ^e	6.67±2.10 ^e	73.33±3.70 ^a
	5	25.56±1.53 ^{de}	15.56±3.08 ^{de}	51.11±4.01 ^{ab}
	7	17.78±3.19 ^{cde}	31.11±2.67 ^a	47.78± 4.32 ^{cd}
HgCl ₂ (0.15%)	3	22.22±2.89 ^{bc}	28.89±1.08 ^{cd}	37.78±0.76 ^{bc}
	5	27.78±3.42 ^{bc}	38.89±0.99 ^{abc}	40.00±1.58 ^{cd}
	7	41.11±4.11 ^{bcd}	44.44±1.95 ^{ab}	28.87±0.86 ^d

Note: The variance analysis of different lowercase alphabets in the table was significantly different ($P<0.05$)