

Table 2 The effect of TDZ concentration on adventitious bud induction of thin cell layers from bulblet-scale of Oriental lily cultivar 'Constanta'

TDZ concentration (mg/L)	Culture condition	Percent of bulblet-scale TCL forming adventitious buds (%) ^A	Mean number of adventitious buds per bulblet-scale TCL ^B
0	light	31.11±5.09f	1.49±0.65e
	dark	41.11±1.92f	1.57±0.69e
0.001	light	54.44±3.85e	3.18±1.16d
	dark	61.11±6.94e	3.27±0.97d
0.002	light	73.33±8.82d	4.15±1.17c
	dark	91.11±5.67ab	4.15±1.61c
0.004	light	96.67±3.33a	5.91±1.98b
	dark	98.89±1.92a	6.53±2.26a
0.006	light	83.33±2.72bcd	5.49±1.63b
	dark	84.44±5.19bc	5.54±1.87b
0.008	light	73.33±12.02d	4.44±2.14c
	dark	75.56±10.18cd	4.47±1.97c

Note: All media were supplemented with 0~0.008 mg/L TDZ and 0.2 mg/L 2,4-D; Values are shown as means ± SD. Values which were significantly different at $P < 0.05$ according to LSD multiple range test were marked by different letters; A: The adventitious buds induction frequency (%) = number of thin cell layers from bulblet-scale with adventitious buds/total number of thin cell layers from bulblet-scale × 100%; B: The mean number of adventitious buds = total number of adventitious buds/number of thin cell layers from bulblet-scale with adventitious buds