

表 3 不同碳源对茎段再生植株多倍体诱导的影响

Table 3 Effects of different carbon sources on polyploid induction of stem regeneration plants

处理 Treatment	秋水仙碱浓度 (mg/L)	处理数(per) Processing number (per)	不定芽数(per) Number of proliferating buds (per)	不定芽再生率(%) Multiplication rate (%)	变异数(per) Variation quantity (per)	诱变率(%) Mutagenic rate (%)
碳源 carbon source	质量浓度(g/L) Mass concentration (g/L)	秋水仙碱浓度 Colchicine concentration (mg/L)				
蔗糖 sucrose	20	50	35	15±3.06 ^{bc}	42.86±0.09 ^{bc}	0
	30		35	24±1.15 ^a	68.57±0.03 ^a	2
	40		35	22±1.15 ^a	62.86±0.03 ^a	0
山梨醇 Sorbitol	20	50	35	12±1.67 ^{bc}	35.24±0.02 ^{bc}	0
	30		35	17±1.01 ^b	48.57±0.03 ^b	1
	40		35	14±1.88 ^{bc}	40.95±0.03 ^{bc}	0
葡萄糖 Glucose	20	50	35	10±2.08 ^c	28.57±0.06 ^c	0
	30		35	13±2.08 ^{bc}	37.14±0.06 ^{bc}	0
	40		35	12±1.53 ^{bc}	34.29±0.04 ^{bc}	0

注: 同列小写字母间表示差异显著性($P \leq 0.05$)

Note: Significant difference between lower-case letters in the same column ($P < 0.05$)