|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Auxin | Concentration (mg L-1) | Callus induction (%) | Morphogenic callus formation (%) | Percentage of regenerating calli (%) | No. of plantlets per regenerating calli | | No. of plantlets per callus |
| DIC | 1 | 90.29 a | 2.15 c | 1.08 ab | 2.00 ef | | 0.02 cd |
|  | 2 | 98.17 a | 4.67 abc | 1.87 ab | 5.00 abcde | | 0.09 bcd |
|  | 3 | 96.67 a | 7.76 a | 5.17 a | 4.33 bcdef | | 0.22 a |
|  | 4 | 98.35 a | 7.56 ab | 5.04 a | 4.00 bcdef | | 0.20 ab |
|  | 5 | 98.32 a | 2.56 bc | 1.71 ab | 7.00 abc | | 0.12 abc |
|  | 6 | 95.83 a | 3.48 abc | 2.61 ab | 7.33 abc | | 0.19 ab |
|  | mean | 96.27 ns | 4.07 ns | 2.91 ns | | 4.94 ns | 0.14 ns |
| PIC | 1 | 96.92 a | 1.59 c | 0.00 b | 0.00 f | | 0.00 d |
|  | 2 | 94.70 a | 4.90 abc | 4.90 a | 2.29 def | | 0.11 abc |
|  | 3 | 94.03 a | 3.97 abc | 3.17 ab | 4.75 abcde | | 0.15 ab |
|  | 4 | 95.65 a | 3.79 abc | 3.03 ab | 6.00 abcde | | 0.18 ab |
|  | 5 | 99.13 a | 2.63 bc | 2.63 ab | 6.67 abcd | | 0.18 ab |
|  | 6 | 96.52 a | 3.60 abc | 3.60 ab | 5.75 abcde | | 0.21 ab |
|  | mean | 96.16 ns | 3.41 ns | 2.89 ns | 4.24 ns | | 0.14 ns |
| 2,4-D | 1 | 94.23 a | 2.04 c | 2.04 ab | 8.00 ab | | 0.16 ab |
|  | 2 | 90.97 a | 3.55 abc | 2.13 ab | 9.00 a | | 0.19 ab |
|  | 3 | 94.16 a | 4.14 abc | 2.76 ab | 5.25 abcde | | 0.14 ab |
|  | 4 | 90.91 a | 0.71 c | 0.71 ab | 3.00 cdef | | 0.02 cd |
|  | 5 | 96.36 a | 0.00 c | 0.00 b | 0.00 f | | 0.00 d |
|  | 6 | 91.96 a | 0.97 c | 0.00 b | 0.00 f | | 0.00 d |
|  | mean | 93.10 ns | 1.90 ns | 1.27 ns | 4.21 ns | | 0.13 ns |