**Table 1.** Shoot height (cm), root length (cm), shoot and root number in media with different growth

regulators (mg L-1) or without them (control) at three pH levels after 4-week growth period.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Parameter | pH | Control | 1.0 GA3 | 0.5 GA3+1.0 BA | 0.5 IAA+1.0 BA |
|  | 4.6 | 6.2 (0.69) d | 7.4 (0.56) c | 1.8 (0.18) ef | 1.1 (0.08) f |
| Shoot height | 5.8 | 8.5 (0.53) b | 11.6 (0.73) a | 2.5 (0.21) e | 1.2 (0.07) f |
|  | 7.4 | 8.2 (0.61) b | 11.9 (0.69) a | 3.0 (0.28) e | 1.5 (0.08) f |
|  |  |  |  |  |  |
|  | 4.6 | 2.3 (0.31) b | 2.5 (0.34) b | 2.3 (0.31) b | 2.0 (0.00) b |
| Shoots / explant | 5.8 | 2.0 (0.39) b | 2.2 (0.25) b | 3.5 (0.19) a | 2.0 (0.00) b |
|  | 7.4 | 1.9 (0.25) b | 2.0 (0.00) b | 4.1 (0.35) a | 2.0 (0.00) b |
|  |  |  |  |  |  |
|  | 4.6 | 2.5 (0.29) d | 2.3 (0.41) d | - | - |
| Root length | 5.8 | 2.9 (0.55) c | 3.2 (0.43) b | - | - |
|  | 7.4 | 2.6 (0.41) cd | 3.8 (0.40) a | - | - |
|  |  |  |  |  |  |
|  | 4.6 | 4.5 (0.85) bc | 4.3 (0.74) c | - | - |
| Roots / explant | 5.8 | 5.8 (0.79) b | 9.3 (1.01) a | - | - |
|  | 7.4 | 4.7 (0.77) b | 8.5 (0.92) a | - | - |
|  |  |  |  |  |  |
|  | 4.6 | - | + | ++ | +++ |
| Callusing et base | 5.8 | - | + | ++ | +++ |
|  | 7.4 | - | + | ++ | +++ |

Values represent mean ± SD (parenthesis) of 12 replicates. Different letters within parameter indicate

significant difference at p < 0.05. + denotes increase in the amount of callus.