**Table 1** Effect of TDZ and IAA on shoot buds regeneration from mature zygotic embryos explant of *A. crassicarpa*

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| --- | --- | --- | --- |
| **Plant growth regegulators(mg/l)** | | **Explants with shoot buds(%)** | **Mean number of shoots per explant** |
| 0.5 | 0.1 | 65.53±1.11d | 24.50±0.87de |
| 0.5 | 0.5 | 64.50±0.79d | 26.33±0.65d |
| 0.5 | 1 | 64.60±0.90d | 23.50±0.66e |
| 1 | 0.1 | 73.23±1.10b | 46.47±3.89b |
| 1 | 0.5 | 76.87±1.50a | 56.53±0.96a |
| 1 | 1 | 69.60±1.42c | 46.27±0.83b |
| 2 | 0.1 | 53.00±1.00g | 33.83±0.74c |
| 2 | 0.5 | 59.43±1.37e | 34.37±0.72c |
| 2 | 1 | 55.27±0.87f | 33.07±0.15c |
| 4 | 0.1 | 48.87±0.74h | 25.90±0.80de |
| 4 | 0.5 | 47.63±0.47h | 24.20±0.91de |
| 4 | 1 | 41.93±1.36j | 19.50±0.53f |

Data were recorded after 2 months in culture when shoots were clearly visible. The experiment was duplicated with 100 explants per treatment. Means followed by same letters within a column are not significantly different at *P* = 0.05 (Duncan’s multiple range test).