Table 1 The effects of ck and drought on growth and leaf morphology of lily

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Time/day | Leaf lenght/cm | Leaf width/cm | lenght/widt ratio | Leaf area  |
| 10 | 0a | 0a | 0a | 0a |
| 0a | 0a | 0a | 0a |
| 15 | 6.2a | 1.42a | 4.36a | 7.28a |
| 4.8b | 1.23b | 3.91b | 4.36b |
| 20 | 7.8a | 1.51a | 5.16a | 11.51a |
| 6.1b | 1.24b | 4.35b | 7.03b |
| 25 | 8.5a | 1.52a | 5.58a | 13.66a |
| 6.9b | 1.24b | 4.73b | 8.49b |

Note: Different lowercase letters indicate a significant difference (P <0.05).

Table 2 Statistics of in vitro leaf water loss rate of wild-type and transgenic plant lines.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Time  | 0  | 2  | 4  | 6  | 8  | 10  | 12  |
| ck | 0.00b | 0.35b | 0.70 b | 0.81b  | 0.85b | 0.92a  | 0.95 a |
| TRINITY\_DN2608-2 | 0.00a  | 0.44a  | 0.78a  | 0.87a | 0.90a | 0.94a | 0.96a |
| TRINITY\_DN2608-3 | 0.00a | 0.45a  | 0.79a | 0.86a | 0.89a  | 0.93a | 0.95a |
| TRINITY\_DN2608-4 | 0.00a | 0.43a  | 0.76a | 0.87a | 0.88a  | 0.93a | 0.94a |