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| **Appendix-B:** Seedling height, and root and shoot fresh and dry weights on 24 tolerant varieties (lines) and 16 moisture-sensitive varieties (lines) under drought stress (mean ± SD). | | | | | | |
| No. | Drought-tolerant  variety (line) | Seedling  height  (cm) | Root fresh  weight(g) | Shoot fresh  weight(g) | Root dry  weight(g) | Shoot dry  weight(g) |
| 1 | Yun0005 | 23.21±1.45abcde | 0.249±0.014fghi | 0.782±0.023a | 0.024±0.001def | 0.093±0.003ab |
| 2 | Yun0006 | 17.55±1.16e | 0.219±0.013fghi | 0.529±0.033bcdef | 0.028±0.002def | 0.053±0.002fg |
| 3 | Yun0007 | 21.5±0.85abcde | 0.251±0.016fghi | 0.571±0.009bc | 0.026±0.001def | 0.06±0.003cdefg |
| 4 | Yun0055 | 22.31±1.55abcde | 0.160±0.014hi | 0.348±0.014g | 0.014±0.001f | 0.054±0.001efg |
| 5 | Yun0107 | 22.26±1.24abcde | 0.299±0.019fg | 0.341±0.011g | 0.033±0.009d | 0.072±0.002bcdef |
| 6 | Yun0121 | 20.50±0.55abcde | 0.243±0.011fghi | 0.329±0.011g | 0.028±0.003def | 0.056±0.007defg |
| 7 | Yun0200 | 18.47±1.04cde | 0.296±0.048fgh | 0.341±0.015g | 0.026±0.001def | 0.054±0.005efg |
| 8 | Yun0252 | 19.57±3.46abcde | 0.341±0.056ef | 0.205±0.008h | 0.027±0.003def | 0.015±0.001h |
| 9 | Yun0297 | 20.78±0.71abcde | 0.187±0.009ghi | 0.454±0.045f | 0.033±0.005d | 0.065±0.004cdef |
| 10 | Yun0401 | 26.52±4.22ab | 0.598±0.003abc | 0.711±0.032a | 0.110±0.015ab | 0.108±0.001a |
| 11 | Yun0411 | 19.27±3.46bcde | 0.195±0.005ghi | 0.483±0.039def | 0.025±0.001def | 0.054±0.001efg |
| 12 | Yun0421 | 26.65±4.16a | 0.450±0.021de | 0.606±0.024b | 0.038±0.002d | 0.094±0.002ab |
| 13 | Yun0603 | 23.08±1.37abcde | 0.153±0.027i | 0.489±0.036cdef | 0.016±0.001ef | 0.075±0.002bcde |
| 14 | Yun0604 | 21.11±2.11abcde | 0.268±0.041fghi | 0.477±0.046ef | 0.027±0.003def | 0.081±0.005bc |
| 15 | Yun0609 | 25.25±2.29abcd | 0.487±0.042cd | 0.49±0.014cdef | 0.062±0.002c | 0.09±0.006ab |
| 16 | Yun0614 | 22.74±3.86abcde | 0.176±0.008ghi | 0.512±0.041cdef | 0.027±0.003def | 0.076±0.002bcd |
| 17 | Yun0615 | 23.07±1.28abcde | 0.564±0.174bcd | 0.564±0.020bcd | 0.063±0.004c | 0.094±0.018ab |
| 18 | Yun0616 | 20.19±0.62abcde | 0.187±0.032ghi | 0.361±0.024g | 0.031±0.001de | 0.072±0.008bcdef |
| 19 | Yun0624 | 24.58±2.64abcde | 0.598±0.014abc | 0.56±0.004bcde | 0.056±0.003c | 0.081±0.007bc |
| 20 | Linmai6 | 21.08±3.49abcde | 0.261±0.042fghi | 0.529±0.006bcdef | 0.027±0.001def | 0.112±0.011a |
| 21 | Linmai15 | 18.17±0.58de | 0.718±0.018a | 0.456±0.015f | 0.025±0.002def | 0.042±0.004g |
| 22 | Jingmai12 | 26.42±1.93ab | 0.282±0.008fghi | 0.755±0.008a | 0.124±0.003a | 0.106±0.019a |
| 23 | Jingmai18 | 18.37±2.37de | 0.282±0.015fghi | 0.316±0.033g | 0.016±0.001f | 0.078±0.004bc |
| 24 | Dianmai6 | 25.69±1.74abc | 0.648±0.011ab | 0.536±0.051bcdef | 0.095±0.012b | 0.092±0.008ab |
| No. | Moisture sensitive variety (line) | Seedling  height  (cm) | Root fresh  weight(g) | Shoot fresh  weight(g) | Root dry  weight(g) | Shoot  dry  weight(g) |
| 1 | Yun0054 | 18.25±1.55abcde | 0.066±0.001d | 0.346±0.006c | 0.017±0.001b | 0.061±0.003bcd |
| 2 | Yun0056 | 22.92±2.94a | 0.051±0.001e | 0.344±0.009c | 0.010±0.001c | 0.056±0.004cde |
| 3 | Yun0058 | 13.66±3.32cde | 0.026±0.002ij | 0.300±0.013d | 0.002±0.001d | 0.053±0.008def |
| 4 | Yun0059 | 14.39±0.55bcde | 0.030±0.004hij | 0.215±0.005d | 0.006±0.001cd | 0.038±0.002efg |
| 5 | Yun0064 | 13.37±0.83cde | 0.030±0.001hij | 0.159±0.002f | 0.006±0.001cd | 0.031±0.001g |
| 6 | Yun0073 | 12.10±0.29de | 0.016±0.002j | 0.151±0.004f | 0.002±0.001d | 0.025±0.002g |
| 7 | Yun0099 | 19.56±2.48abc | 0.035±0.005fghi | 0.154±0.009f | 0.003±0.001d | 0.031±0.010g |
| 8 | Yun0101 | 11.89±0.88e | 0.031±0.002ghij | 0.158±0.002f | 0.003±0.002d | 0.022±0.003g |
| 9 | Yun0104 | 18.59±2.34abcd | 0.040±0.001efghi | 0.267±0.018d | 0.007±0.002cd | 0.034±0.003g |
| 10 | Yun0108 | 23.36±1.07a | 0.046±0.003ef | 0.541±0.005a | 0.005±0.001cd | 0.091±0.011a |
| 11 | Yun0129 | 19.05±1.47abc | 0.046±0.008efg | 0.29±0.032d | 0.005±0.001cd | 0.055±0.008cde |
| 12 | Yun0180 | 20.85±2.38ab | 0.101±0.001b | 0.518±0.020a | 0.025±0.002a | 0.090±0.009a |
| 13 | Yun0192 | 21.16±1.26a | 0.145±0.015a | 0.410±0.020b | 0.016±0.007b | 0.078±0.002ab |
| 14 | Yun0310 | 17.48±2.34abcde | 0.081±0.003c | 0.396±0.003b | 0.003±0.002d | 0.073±0.003abc |
| 15 | Yun0601 | 20.56±4.91ab | 0.044±0.006efgh | 0.295±0.009d | 0.005±0.001cd | 0.061±0.001bcd |
| 16 | Yun0622 | 18.82±1.27bc | 0.028±0.005ij | 0.163±0.001f | 0.002±0.001d | 0.035±0.011fg |

Data presented are mean ± SD. Values with matching letters are not significantly different from each other (P > 0.05).