

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 \pm 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 \pm 1.45abcde	0.249 \pm 0.014fghi	0.782 \pm 0.023a	0.024 \pm 0.001def	0.093 \pm 0.003ab
2	Yun0006	17.55 \pm 1.16e	0.219 \pm 0.013fghi	0.529 \pm 0.033bcdef	0.028 \pm 0.002def	0.053 \pm 0.002fg
3	Yun0007	21.5 \pm 0.85abcde	0.251 \pm 0.016fghi	0.571 \pm 0.009bc	0.026 \pm 0.001def	0.06 \pm 0.003cdefg
4	Yun0055	22.31 \pm 1.55abcde	0.160 \pm 0.014hi	0.348 \pm 0.014g	0.014 \pm 0.001f	0.054 \pm 0.001efg
5	Yun0107	22.26 \pm 1.24abcde	0.299 \pm 0.019fg	0.341 \pm 0.011g	0.033 \pm 0.009d	0.072 \pm 0.002bcdef
6	Yun0121	20.50 \pm 0.55abcde	0.243 \pm 0.011fghi	0.329 \pm 0.011g	0.028 \pm 0.003def	0.056 \pm 0.007defg
7	Yun0200	18.47 \pm 1.04cde	0.296 \pm 0.048fgh	0.341 \pm 0.015g	0.026 \pm 0.001def	0.054 \pm 0.005efg
8	Yun0252	19.57 \pm 3.46abcde	0.341 \pm 0.056ef	0.205 \pm 0.008h	0.027 \pm 0.003def	0.015 \pm 0.001h
9	Yun0297	20.78 \pm 0.71abcde	0.187 \pm 0.009ghi	0.454 \pm 0.045f	0.033 \pm 0.005d	0.065 \pm 0.004cdef
10	Yun0401	26.52 \pm 4.22ab	0.598 \pm 0.003abc	0.711 \pm 0.032a	0.110 \pm 0.015ab	0.108 \pm 0.001a
11	Yun0411	19.27 \pm 3.46bcde	0.195 \pm 0.005ghi	0.483 \pm 0.039def	0.025 \pm 0.001def	0.054 \pm 0.001efg
12	Yun0421	26.65 \pm 4.16a	0.450 \pm 0.021de	0.606 \pm 0.024b	0.038 \pm 0.002d	0.094 \pm 0.002ab
13	Yun0603	23.08 \pm 1.37abcde	0.153 \pm 0.027i	0.489 \pm 0.036cdef	0.016 \pm 0.001ef	0.075 \pm 0.002bcde
14	Yun0604	21.11 \pm 2.11abcde	0.268 \pm 0.041fghi	0.477 \pm 0.046ef	0.027 \pm 0.003def	0.081 \pm 0.005bc
15	Yun0609	25.25 \pm 2.29abcd	0.487 \pm 0.042cd	0.49 \pm 0.014cdef	0.062 \pm 0.002c	0.09 \pm 0.006ab
16	Yun0614	22.74 \pm 3.86abcde	0.176 \pm 0.008ghi	0.512 \pm 0.041cdef	0.027 \pm 0.003def	0.076 \pm 0.002bcd
17	Yun0615	23.07 \pm 1.28abcde	0.564 \pm 0.174bcd	0.564 \pm 0.020bcd	0.063 \pm 0.004c	0.094 \pm 0.018ab
18	Yun0616	20.19 \pm 0.62abcde	0.187 \pm 0.032ghi	0.361 \pm 0.024g	0.031 \pm 0.001de	0.072 \pm 0.008bcdef
19	Yun0624	24.58 \pm 2.64abcde	0.598 \pm 0.014abc	0.56 \pm 0.004bcde	0.056 \pm 0.003c	0.081 \pm 0.007bc
20	Linmai6	21.08 \pm 3.49abcde	0.261 \pm 0.042fghi	0.529 \pm 0.006bcdef	0.027 \pm 0.001def	0.112 \pm 0.011a
21	Linmai15	18.17 \pm 0.58de	0.718 \pm 0.018a	0.456 \pm 0.015f	0.025 \pm 0.002def	0.042 \pm 0.004g

(Continued)

Appendix-B (continued)						
No.	Drought-tolerant variety (line)	Seedling height (cm)	Root fresh weight (g)	Shoot fresh weight (g)	Root dry weight (g)	Shoot dry weight (g)
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).