***Supplementary Table 2.*** *Linear equations for leaf fresh weight vs leaf dry weight at different light intensities at equal air and root zone temperatures.*

|  |  |  |
| --- | --- | --- |
| **Air = root zone temperature (°C)** | **Light intensity****(*µmol m-2s-1****)* | **Equation** |
| 20/20 | 200 | y = 28.570x-8.1306 (R2 = 0.9936) |
| 400 | y = 30.432x-20.115 (R2 = 0.9886) |
| 750 | y = 29.807x-29.493 (R2 = 0.9689) |
| 24/24 | 200 | y = 36.853x-21.216 (R2 = 0.9660) |
| 400 | y = 37.137x-29.650 (R2 = 0.9737) |
| 750 | y = 33.383x-43.174 (R2 = 0.9765) |
| 28/28 | 200 | y = 32.165x-16.877 (R2 = 0.9766) |
| 400 | y = 30.400x-27.067 (R2 = 0.9814) |
| 750 | y = 30.294x-45.951 (R2 = 0.9622) |
| 32/32 | 200 | y = 17.944x-3.4638 (R2 = 0.9983) |
| 400 | y = 16.844x-7.2501 (R2 = 0.9862) |
| 750 | y = 15.798x-7.1954 (R2 = 0.9945) |