**Table 1 in S1** The composition of spectral components in controlled-environment growth chambers.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Treatment | Photon flux density, μmol m-2 s-1 | | | | | |
| 447 nm | | 638 nm | 665 nm | 731 nm | Total |
|  | B | | R | R | FR |  |
| During growth | | | | | | |
| B,R638,R665,FR | 17.6 | | 84.4 | 127.4 | 1.6 | 231 |
| 3-day treatment | | | | | | |
| B,R638,R665,FR (control) | | 19.0 | 118.4 | 160.4 | 2.2 | 300 |
| B,\*R638,R665,FR1 | | 15.8 | 171.3\* | 111.4 | 1.5 | 300 |
| B,R638,\*R665,FR2 | | 14.3 | 79.1 | 204.9\* | 1.7 | 300 |
| R638 | | 0.0 | 300 | 0.0 | 0.0 | 300 |
| R665 | | 0.0 | 0.0 | 300 | 0.0 | 300 |

1Increased *PPFD* level during 3-day treatment, further in the text B,\*R638,R665,FR will be marked as \*R638;

2Increased *PPFD* level during 3-day treatment, further in the text B,R638,\*R665,FR will be marked as \*R665

B – blue light; R – red light; FR – far-red light.