**Supplementary Table S5.** Nutrient solution supply schedule for 175 melon plants (Experiment III)

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Nutrient solution (ml)** | **Dates (month/day)** | | | | | | | | | | |
| **5/3** | **5/15** | **5/20** | **5/22** | **5/28** | **6/4** | **6/12** | **7/17** | **7/24** | **7/27** | **7/30** |
| Feeding solution (ml/times) | 250 | 150 | 200 | 200 | 250 | 300 | 350 | 300 | 200 | 150 | 100 |
| Times/day | 6 | 11 | 11 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| Concentration (%) | 50 | 50 | 50 | 50 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Culture solution (ml/day) | 1500 | 1650 | 2200 | 2600 | 3250 | 3900 | 4550 | 3900 | 2600 | 1950 | 1300 |