

Table S1. Meteorological data: monthly mean temperature, precipitation and humidity

| Month | Temperature (°C) | | Precipitation (mm) | | Relative humidity (%) | |
|-----------|------------------|-----------|--------------------|-----------|-----------------------|-----------|
| | 2019/2020 | 2020/2021 | 2019/2020 | 2020/2021 | 2019/2020 | 2020/2021 |
| October | 13.2 | 12.5 | 8.6 | 71.6 | 72 | 82 |
| November | 10.8 | 6.7 | 9.4 | 13.3 | 80 | 90 |
| December | 4.1 | 4.9 | 18 | 74.1 | 87 | 89 |
| January | 0.5 | 2.7 | 23.9 | 37.7 | 89 | 88 |
| February | 5.8 | 4.7 | 56.1 | 49.1 | 75 | 81 |
| March | 7.5 | 5.5 | 39.1 | 38 | 71 | 72 |
| April | 12.5 | 9.3 | 5.9 | 38.2 | 54 | 72 |
| May | 15.9 | 16.2 | 66.3 | 49 | 70 | 66 |
| June | 20.1 | 22.7 | 70.5 | 7.2 | 76 | 60 |
| July | 21.8 | 24.5 | 44.1 | 105.9 | 72 | 66 |
| August | 22.9 | 21.4 | 104.1 | 30.1 | 74 | 67 |
| September | 18.7 | 17.5 | 33.4 | 7.8 | 68 | 67 |
| October | 12.5 | 10.2 | 71.6 | 71.6 | 82 | 77 |
| November | 6.7 | 7 | 13.3 | 163.1 | 90 | 87 |

Table S2. Treatments layout

| I replication | II replication | III replication |
|---------------|----------------|-----------------|
| WCT | ATF | SW |
| S | SBF | WFC |
| WFC | S | WCT |
| SW | WCT | S |
| ATF | WFC | SBF |
| SBF | SW | ATF |