**Supplementary Table S3**: Analyses of variance and mean comparison for maximal PSII photochemical efficiency (Fv/Fm), leaf area (LA) , Specific leaf area (SLA), Leaf dry matter content (LDMC) and Relative water content (RWC) *per* plants of different tomato cultivars treated with the biostimulant CycoFlow applied by fertirrigation 4 times. Means ± SD within rows and columns followed by the different letter are significantly different based on based on Tukey-HSD test (p ≤ 0.05).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  | |  |  | **E17** | **E36** | **E107** | **PDVIT** | **SIGNIFICANCE** | | | **Fv/Fm** | **control** | 0.76 ± 0.02 ab | 0.77 ± 0.02 bc | 0.75 ± 0.02 ab | 0.74 ± 0.01 a | G | ns | | **treated** | 0.75 ± 0.02 ab | 0.77 ± 0.02 bc | 0.78 ± 0.01 c | 0.77 ± 0.01 b | T | \*\* | |  |  |  |  |  | GxT | \*\*\* | | **LA (cm2)** | **control** | 29.89 ± 2.03 c | 21.47 ± 5.48 ab | 29.93 ± 4.03 c | 19.49 ± 1.86 a | G | \*\*\* | | **treated** | 30.43 ± 7.40 c | 25.17 ± 3.61 abc | 27.90 ± 2.43 bc | 19.02 ± 2.31 a | T | ns | |  |  |  |  |  | GxT | ns | | **SLA (cm2/g)** | **control** | 227.28 ± 25.58 c | 195.51 ± 42.34 bc | 180.45 ± 12.55 ab | 146.65 ± 18.27 a | G | \*\*\* | | **treated** | 203.40 ± 16.33 bc | 187.07 ± 17.73 abc | 212.42 ± 9.42 bc | 183.56 ± 18.48 abc | T | ns | |  |  |  |  |  | GxT | \*\* | | **LDMC (g/g)** | **control** | 0.09 ± 0.01 a | 0.10 ± 0.02 ab | 0.10 ± 0.01 ab | 0.12 ± 0.01 b | G | ns | | **treated** | 0.10 ± 0.01 ab | 0.10 ± 0.00 ab | 0.09 ± 0.00 ab | 0.10 ± 0.01 ab | T | ns | |  |  |  |  |  | GxT | \* | | **RWC (%)** | **control** | 62.01 ± 12.79 a | 59.61 ± 17.97 a | 68.94 ± 21.50 a | 60.82 ± 8.36 a | G | \* | | **treated** | 71.47 ± 1.77 a | 63.99 ± 11.21 a | 87.27 ± 17.11 a | 62.54 ± 8.98 a | T | ns | |  |  |  |  |  | GxT | ns | |  |  |  |  |  |  |  |

G = genotype; T = treatment; \* = p ≤ 0.05; \*\* = p ≤ 0.01; \*\*\* = p ≤ 0.001