**Supplementary Table S2:** Analyses of variance and mean comparison for height, number of leaves, fresh weight (FW) and dry weight (DW) biomass, number of fruits, medium fruit weight, yields and pollen viability (%) *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 Tukey-HSD test (p ≤ 0.05).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **E17** | **E36** | **E107** | **PDVIT** | **SIGNIFICANCE** | |
| **Height (cm)** | **control** | 129 ± 14 ab | 186 ± 7 cd | 101 ± 16 a | 156 ± 9 bc | G | \*\*\* |
| **treated** | 119 ± 9 ab | 203 ± 13 d | 150 ± 30 bc | 203 ± 5 d | T | \*\* |
|  |  |  |  |  | GxT | \*\* |
| **Number of leaves** | **control** | 66 ± 3 ab | 243 ± 60 c | 34 ± 2 a | 131 ± 30 ab | G | \*\*\* |
| **treated** | 43 ± 7 a | 145 ± 49 bc | 33 ± 2 a | 83 ± 12 ab | T | \*\* |
|  |  |  |  |  | GxT | ns |
| **FW biomass (g/plant)** | **control** | 1018 ± 158 cd | 1596 ± 28 e | 219 ± 44 a | 557 ± 47 b | G | \*\*\* |
| **treated** | 470 ± 67 ab | 1259 ± 121 d | 206 ± 40 a | 938 ± 48 c | T | \*\* |
|  |  |  |  |  | GxT | \*\*\* |
| **DW biomass (g/plant)** | **control** | 151 ± 34 bc | 312 ± 44 de | 42 ± 5 a | 162 ± 16 bcd | G | \*\*\* |
| **treated** | 89 ± 11 ab | 240 ± 26 e | 43 ±8 a | 179 ± 21 cd | T | \* |
|  |  |  |  |  | GxT | \* |
| **Number of fruits** | **control** | 5.53 ± 1.38 a | 19.86± 6.71 a | 12.26 ± 6.00 a | 34.56 ± 9.50 b | G | \*\*\* |
| **treated** | 9.03 ± 0.77 a | 25.26± 4.28 a | 18.83 ± 8.43 a | 70.96 ± 28.38 c | T | \* |
|  |  |  |  |  | GxT | ns |
| **Medium fruit weight (g/plant)** | **control** | 98 ± 54 bc | 24 ± 7 ab | 43 ± 8 abc | 12 ± 1 a | G | \*\*\* |
| **treated** | 113 ± 57 c | 26 ± 9 ab | 45 ± 8 abc | 12 ± 4 a | T | ns |
|  |  |  |  |  | GxT | ns |
| **Yield (kg/pt)** | **control** | 0.50±0.25 a | 0.58±0.36 a | 0.49±0.24 a | 0.40±0.11 a | G | ns |
| **treated** | 0.83±0.41 a | 1.03±0.60 a | 0.67±0.33 a | 0.89±0.52 a | T | \* |
|  |  |  |  |  | GxT | ns |
| **Pollen viability (%)** | **control** | 80.25 ± 6.33 b | 78.54 ± 5.27 b | 42.92 ± 12.24 a | 79.80 ± 4.47 b | G | \*\*\* |
| **treated** | 92.03 ± 6.99 b | 86.57 ± 11.43 b | 81.09 ± 12.72 b | 89.12 ± 10.90 b | T | \*\*\* |
|  |  |  |  |  | GxT | \*\* |

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