Appendix

Biostimulants and cherry rootstock increased tomato fruit yield and quality in sustainable farming systems

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Table S1. Treatment effects on physiological parameters in field experiment at fruit development. The data are reported as mean ± standard deviation, means followed by the different letters are statistically significant at p<0.05; ns = not significant. Chl = index of chlorophyll content in the leaves; Flv = index of flavonoid content in the leaves; Antho = index of anthocyanin content in the leaves; NBI = nitrogen balance index. FM = 'H3402' grafted onto 'Tomito' and inoculated with *Funneliformis mosseae*, PG = 'H3402' grafted onto 'Tomito' and inoculated with *Paraburkholderia graminis* C4D1M, AB = 'H3402' grafted onto 'Tomito' and inoculated with *Azospirillum brasiliensis* sp 245, CM FM = 'H3402' grafted onto 'Tomito' and inoculated with *F. mosseae*, *P. graminis* C4D1M and *A. brasiliensis* sp 245, CM = 'H3402' grafted onto 'Tomito' and inoculated with *P. graminis* C4D1M and *A. brasiliensis* sp 245, 'H3402' = 'H3402' non-grafted and non-inoculated, H3402 x H3402 = 'H3402' self-grafted and non-inoculated, H3402 x Tomito = 'H3402' grafted onto 'Tomito' and non-inoculated.

Treatments	Chl		Flv		Antho		NBI	
FM	38.46 ± 5.63	ns	1.43 ± 0.51	ns	0.24 ± 0.03	ns	29.25 ± 10.66	ns
MICOSAT F	39.15 ± 1.61	ns	1.70 ± 0.20	ns	0.24 ± 0.03	ns	23.23 ± 3.31	ns
PG	30.48 ± 3.20	ns	1.58 ± 0.67	ns	0.25 ± 0.02	ns	24.71 ± 17.39	ns
AB	33.45 ± 6.71	ns	1.61 ± 0.23	ns	0.26 ± 0.04	ns	20.78 ± 3.41	ns
CM FM	36.39 ± 5.58	ns	1.70 ± 0.24	ns	0.22 ± 0.02	ns	21.62 ± 3.42	ns
CM	32.43 ± 1.57	ns	1.84 ± 0.04	ns	0.25 ± 0.03	ns	17.61 ± 1.22	ns
H3402	36.17 ± 5.63	ns	1.73 ± 0.18	ns	0.23 ± 0.02	ns	20.91 ± 2.12	ns
H3402 x H3402	32.8 ± 3.39	ns	1.36 ± 0.43	ns	0.27 ± 0.02	ns	26.44 ± 10.49	ns
H3402 x Tomito	39.81 ± 6.33	ns	1.67 ± 0.15	ns	0.24 ± 0.01	ns	24.02 ± 4.91	ns
P values	0.99		0.656		0.192		0.67	
F values	1.92		0.74		1.63		0.72	