

Supplementary Materials

Table S1. Two-way analysis of variance (ANOVA) showing internode length, internode diameter, yield per vine, cluster number per vine, and Ravaz index from the 2019 and 2020 growing season ($n = 12$ for internode length and diameter; $n = 7$ and $n = 15$ for harvest parameters (yield per vine, cluster number per vine, and Ravaz index) in 2019 and 2020, respectively). Treatment means followed by standard error of the mean. Different letters indicate significant differences between treatment groups based on Tukey HSD. Significant p -values (<0.05) are shown in bold fonts.

Growing Season	Treatment	Internode Length (mm)	Internode Diameter (mm)	Yield per vine (kg)	Cluster Number per Vine (#)	Ravaz Index
2019	Young	62.86 ± 3.13 a	12.05 ± 0.46 a	3.49 ± 0.63 b	18.00 ± 2.23 b	4.160 ± 0.760 b
	Control	54.40 ± 3.13 ab	10.04 ± 0.46 b	7.46 ± 0.92 a	41.00 ± 3.92 a	6.389 ± 1.080 ab
	Old	48.49 ± 3.13 b	9.05 ± 0.46 b	7.03 ± 0.92 a	37.29 ± 3.24 a	7.982 ± 1.153 a
	<i>p-value</i>	0.0100	0.0002	0.0062	0.0002	0.0485
2020	Young	59.89 ± 1.87 a	11.67 ± 0.34 a	3.54 ± 0.50 b	17.67 ± 1.66 b	4.770 ± 0.584 b
	Control	47.65 ± 1.87 b	9.21 ± 0.34 b	5.18 ± 0.94 ab	33.53 ± 4.43 a	6.391 ± 0.907 b
	Old	42.96 ± 1.87 b	7.72 ± 0.34 c	7.38 ± 0.84 a	44.00 ± 3.76 a	10.206 ± 1.108 a
	<i>p-value</i>	<0.0001	<0.0001	0.0047	<0.0001	0.0003
Treatment (T)		<0.0001	<0.0001	0.0004	<0.0001	0.0002
Growing Season (S)		0.0146	0.0177	0.4020	0.9112	0.2746
T x S Interaction		0.745	0.5431	0.2894	0.2091	0.5532

Table S2. Two-way analysis of variance (ANOVA) showing sugar content (brix), pH, and titratable acidity (TA) at harvest from the 2019 and 2020 growing season. Treatment means followed by standard error of the mean. Different letters indicate significant differences between treatment groups based on Tukey HSD. Significant p -values (<0.05) are shown in bold fonts.

Growing Season	Treatment	Brix	pH	Titratable Acidity (TA) (g/L)
2019	Young	22.08 ± 0.42 b	3.41 ± 0.02 b	6.28 ± 0.32 b
	Control	24.05 ± 0.35 ab	3.45 ± 0.04 b	4.93 ± 0.24 c
	Old	25.17 ± 0.97 a	3.60 ± 0.03 a	7.21 ± 0.37 a
	<i>p-value</i>	0.0129	0.0005	<0.0001
2020	Young	24.50 ± 0.25 a	3.43 ± 0.04 a	6.38 ± 0.07 a
	Control	25.33 ± 0.67 a	3.35 ± 0.05 a	6.28 ± 0.16 a
	Old	24.08 ± 0.51 a	3.46 ± 0.03 a	5.99 ± 0.44 a
	<i>p-value</i>	0.2790	0.2298	0.6128
Treatment (T)		0.1053	0.0024	0.0061
Growing Season (S)		0.1446	0.0149	0.7443
T x S Interaction		0.0608	0.0637	0.0008