

**Table S1.** Grapevine productivity, including number of bunches, bunch weight and Ravaz index, after chitosan application in an open-field scenario.

Treatment	Year	Number of bunches	Bunch weight (g)	Ravaz index
Control	Year 2	5.85 ± 0.32	384.90 ± 21.67	2.67 ± 0.23
Chitosan		7.10 ± 0.17	341.11 ± 37.30	2.71 ± 0.39
Control	Year 3	6.10 ± 0.29	408.50 ± 08.95	3.89 ± 0.46
Chitosan		6.85 ± 0.44	414.25 ± 21.80	4.48 ± 0.67
ANOVA (P-value)				
Treatment (T)		13.93 ( <b>0.003</b> )	0.60 (0.454)	0.46 (0.510)
Year (Y)		0.28 (0.60)	3.87 (0.073)	10.24 (0.076)
T x Y		2.09 (0.173)	1.02 (0.334)	0.34 (0.571)

Mean ± standard error (n=20). The significance of the effects of the chitosan treatment, year and their interaction on the measured variables is also shown (F-values (P-values)).