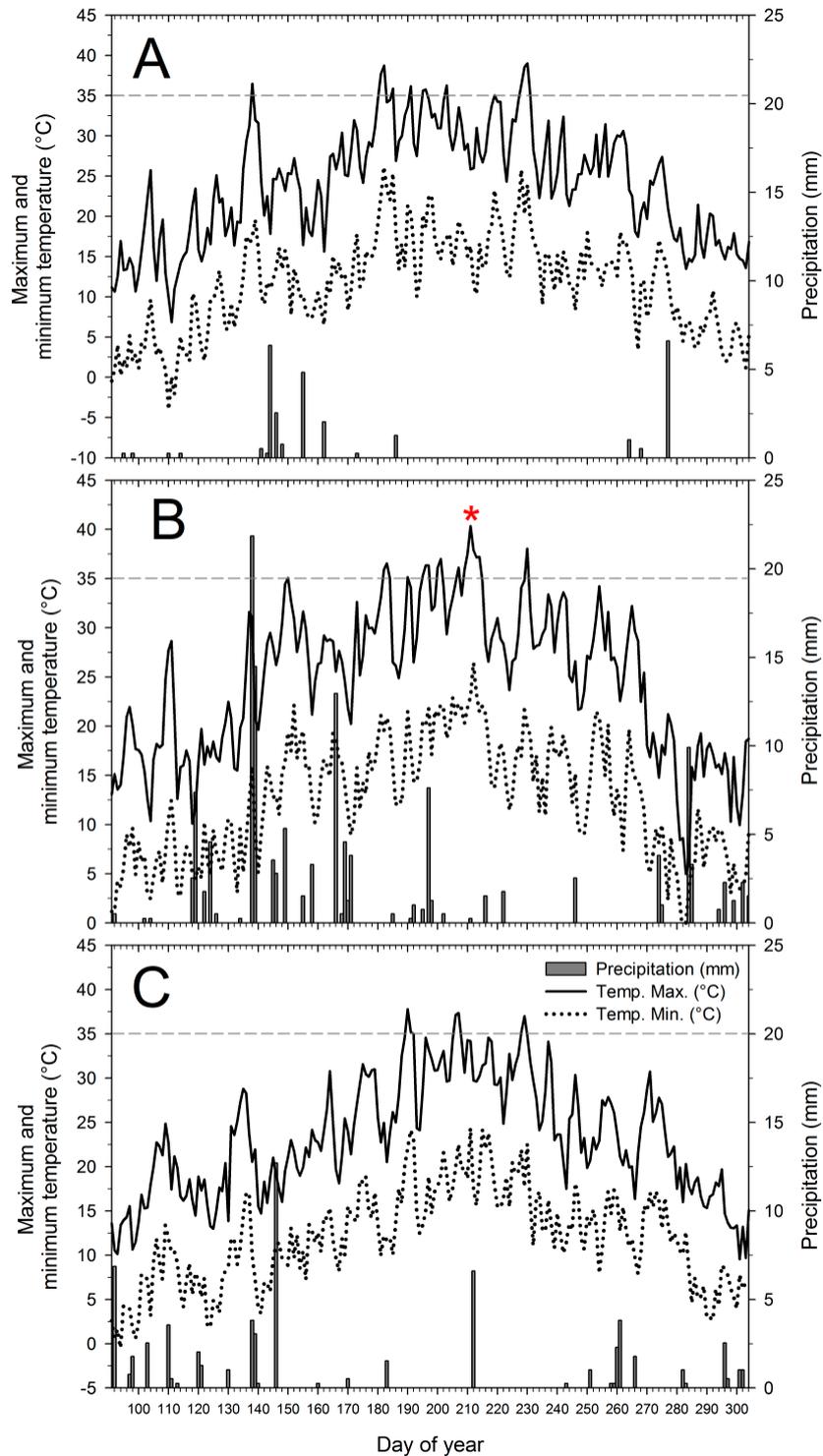
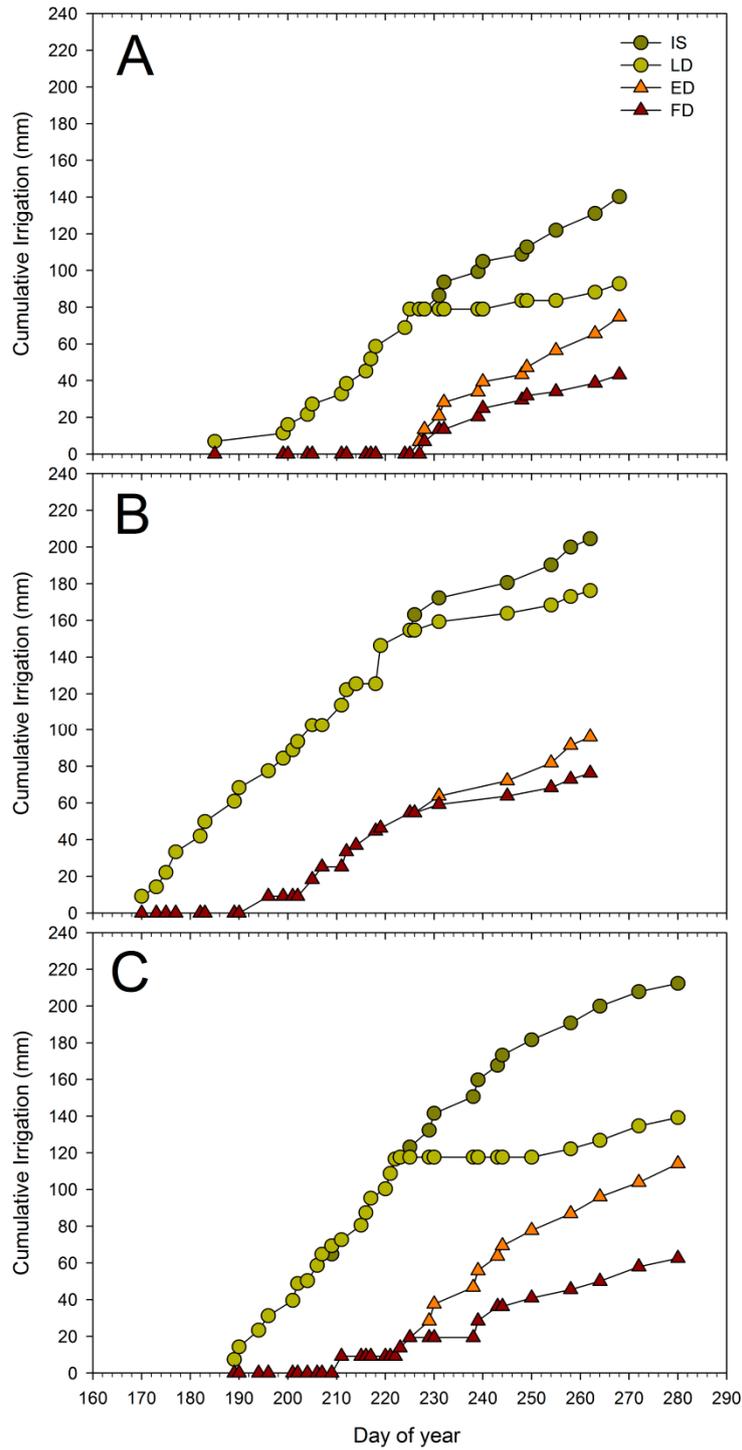


## Supplementary Materials



**Figure S1.** Maximum and minimum temperatures and precipitation during three growing seasons from April 1st (Day 91) to October 31st (Day 304) registered in the vineyard during three growing seasons in field-grown, own-rooted Cabernet Sauvignon grapevines in the Columbia Valley, WA (USA). (A) 2008 season; (B) 2009 season; (C) 2010 season. The grey dotted line indicates 35 °C. The red asterisk indicates one episode of 40.3 °C in 2009.



**Figure S2.** Cumulative irrigation applied during three growing seasons in field-grown, own-rooted Cabernet Sauvignon grapevines in the Columbia Valley, WA (USA). (A) 2008 season; (B) 2009 season; (C) 2010 season. IS: industry standard; ED: early deficit (fruit set to véraison); LD: late deficit (véraison to harvest); FD: full season deficit (fruit set to harvest).

**Table S1.** Degrees of freedom and F-ratios from a two-way ANOVA of trained panel evaluation of four wines.

Source of variation	Degree of freedoms	Wine Attributes						
		Roughness	Dryness	Harshness	Saturation	Brown Hue	Purple Hue	Red Hue
Panelist	8	<b>2.37</b> <sup>a</sup>	0.64	0.66	<b>3.84</b>	<b>11.32</b>	2.01	<b>11.29</b>
Wine	3	<b>10.19</b>	<b>11.03</b>	<b>14.19</b>	<b>80.48</b>	<b>7.64</b>	<b>19.42</b>	<b>17.89</b>
Panelist × Wine	24	1.02	0.74	0.80	1.23	1.24	0.43	1.06

<sup>a</sup> Significant values (Fisher's LSD test,  $p < 0.05$ ) are shown in bold underlined letters.