

Supplementary Table 2. Rainfall, Average ($T_{\text{air_avg}}$), Maximum ($T_{\text{air_max}}$) and Minimum ($T_{\text{air_min}}$) air temperature and Number of hours with temperature below 10 °C ($T_{\text{air}} < 10^{\circ}\text{C}$) and above 35 °C ($T_{\text{air}} > 35^{\circ}\text{C}$) during the period pea size-*véraison* (PS-V), *véraison*-mid-ripening (V-MR), mid-ripening-full maturation (MR-FM) and *véraison*-full maturation (V-FM) in 2013 and 2014 growing seasons.

YEAR	PHENOLOGY	Rainfall (mm)	$T_{\text{air_avg}}$ (°C)	$T_{\text{air_max}}$ (°C)	$T_{\text{air_min}}$ (°C)	$T_{\text{air}} < 10^{\circ}\text{C}$ (hours)	$T_{\text{air}} > 35^{\circ}\text{C}$ (hours)
2013	PS - V	0.2	24.1	38.8	13.0	0.0	27
	V - FM	0.0	26.2	41.9	12.4	0.0	94
	PS - FM	0.2	25.3	41.9	12.4	0.0	121
2014	PS - V	11.6	21.9	38.1	11.4	0.0	36
	V - MR	0.0	24.3	42.3	13.3	0.0	43
	MR - FM	0.0	23.7	36.4	12.7	0.0	4
	PS - FM	11.6	23.0	42.3	11.4	0.0	83