

Supplementary Table 1. Irrigation water applied (mm) in sustained deficit irrigation (SDI) and regulated deficit irrigation (RDI) treatments during the period pea size - *véraison* (PS-V), *véraison*-mid-ripening (V-MR), f mid-ripening-full maturation (MR-FM) and from *véraison*-full maturation (V-FM) in 2013 and 2014 growing seasons.

		IRRIGATION (mm)			
		DOY		SDI	RDI
		ini	end		
2013	PS - V	191	210	21.3	6.6
	V - FM	211	230	33.0	19.8
	Total			54.3	26.4
2014	PS - V	168	195	11.5	6.0
	V - MR	196	210	11.5	11.5
	MR - FM	211	223	12.0	9.0
	Total			35.0	26.5