

Table S1. Month average values of rain, relative humidity and temperatures of the entire cycle (September-November)

Site – year (acronym)	Parameters	Sept	Oct	Nov	mean±sd
Tarquinia - 2011 (MRY)	T. min (°C)	15.53	11.74	10.51	12.6±2.6
	T. avg (°C)	22.15	17.41	14.85	18.1±3.7
	T. max (°C)	28.88	23.99	20.92	24.6±4.0
	Rain (mm)	0.36	0.92	2.21	1.2±0.9
	Cum. rain (mm)	4.38	12.28	54.95	23.9±27.2
	RH (%)	75.19	74.25	80.99	76.8±3.6
Tarquinia - 2012 (HRY+WL)	T. min (°C)	17.04	13.58	11.32	14±2.9
	T. avg (°C)	22.28	18.36	15.79	18.8±3.3
	T. max (°C)	27.54	24.45	20.80	24.3±3.4
	Rain (mm)	0.40	3.41	6.74	3.5±3.2
	Cum. rain (mm)	0.71	38.88	164.86	68.2±85.9
	RH (%)	83.85	89.33	86.72	86.6±2.7
Conversano - 2013 (HRY)	T. min (°C)	15.98	14.63	12.42	14.3±1.8
	T. avg (°C)	20.48	18.60	15.74	18.3±2.4
	T. max (°C)	24.98	22.57	19.07	22.2±3.0
	Rain (mm)	0.57	1.25	3.55	1.8±1.6
	Cum. rain (mm)	0.73	35.48	81.97	39.4±40.8
	RH (%)	64.83	77.13	78.32	73.4±7.5

MRY, moderately rainy year

HRY+WL, highly rainy year and waterlogging

HRY, highly rainy year