

**Table S1.** Meteorological data during growing seasons in 2016 – 2018.

Season	Month	Daily average temperature (°C)	Relative humidity (%)	Rainfall (mm)	Sunshine duration (h)	Effective cumulative temperatures (°C)
2016	Apr	13.7	46.8	6.0	269.0	114.6
	May	20.9	47.0	40.3	276.9	338.1
	Jun	23.2	68.1	119.2	257.9	396.7
	Jul	25.4	80.2	313.0	218.8	476.3
	Aug	26.1	73.9	241.1	247.6	497.9
	Sep	21.1	71.7	74.1	231.3	332.5
	Oct	13.2	63.9	38.2	230.3	115.6
	Average/Sum	20.5	64.5	831.9	247.4	2271.7
2017	Apr	15.1	41.3	0.0	265.0	152.4
	May	20.1	53.7	59.8	309.7	313.0
	Jun	24.1	58.7	116.7	251.1	422.6
	Jul	26.6	78.6	166.1	155.3	514.3
	Aug	25.3	79.0	171.3	234.7	474.3
	Sep	22.1	68.9	10.7	230.0	363.6
	Oct	12.8	64.6	47.4	153.4	94.4
	Average/Sum	20.9	63.5	572.0	228.5	2334.6
2018	Apr	13.1	51.1	25.6	257.7	120.9
	May	19.8	56.9	3.7	288.5	303.4
	Jun	24.1	68.1	68.4	291.5	424.2
	Jul	25.9	86.6	112.7	163.9	491.9
	Aug	26.3	78.1	178.8	216.5	504.3
	Sep	20.7	62.1	56.1	264.4	322.3
	Oct	12.8	50.8	11.9	273.2	97.1
	Average/Sum	20.4	64.8	457.2	250.8	2264.1