

Supplementary file S3

Table S1. Weather conditions, including the mean (T_{mean}), minimum (T_{min}), maximum (T_{max}) and effective temperatures (ET_{sum}) as well as precipitation (P_{sum}), during the growing seasons (May–October) of the study period (2022–2023). The years 1990–2021 describe the mean monthly values of temperatures, the sum of effective temperatures, and the precipitation in the period under review. The weather data, which were provided by the Finnish Meteorological Institute, were obtained from a meteorological station in Vieremä (63.8° N, 27.2° E) (Finnish Meteorological Institute 2024).

Growing season	Month	T_{mean} (°C)	T_{min} (°C)	T_{max} (°C)	ET_{sum} (°C)	P_{sum} (mm)
2022	May	8	−4	20	106	35
	June	15	4	29	299	83
	July	16	8	29	352	78
	August	16	4	27	339	74
	September	7	1	14	70	36
	October	4	−7	12	28	69
	Total	-	-	-	1193	375
2023	May	10	−3	23	168	37
	June	15	−2	27	287	74
	July	15	8	24	302	141
	August	16	6	28	342	97
	September	12	2	22	212	99
	October	0	−14	11	11	63
	Total	-	-	-	1321	510
1990–2021	May	8	−3	23	119	54
	June	13	3	26	253	76
	July	16	6	27	345	89
	August	14	4	25	275	79
	September	9	−1	19	116	66
	October	2	−8	12	21	67
	Total	-	-	-	1130	431

Reference

Finnish Meteorological Institute (2024) Weather Statistics. <https://en.ilmatieteenlaitos.fi/statistics>. Accessed 10 March 2024.