

Supplemental data for:

Vus, N., Bezuhla, O., Sylenko, S., Vasylenko, A., Sichkar, V., Kondratenko, M. and Barylko, M. (2026) “Expanding the genetic diversity of chickpeas from the Ukrainian genebank to new agricultural systems”, *Genetic Resources*, 7(13), pp. 129–142. doi: [10.46265/genresj.ASMH5957](https://doi.org/10.46265/genresj.ASMH5957)

Supplemental Table 1. Climatic and weather characteristics of the study locations (own observations at the research station).

Locations	Coordinates	Climat conditions	month	Weather conditions, average multiannual (2018-2021)			
				Temperature, °C			Total precipitation, mm
				mean	max	min	
Bokhonyky, Vynnytsia region	49.17756, 28.37024; 271 m a.s.l.	temperate climate zone, characterized by a long, moderately warm, and fairly humid summer	April	9.65	23.33	-2.70	29.38
			May	14.56	27.08	2.50	98.48
			June	20.08	31.15	7.35	95.43
			July	20.46	31.88	9.83	47.63
			August	20.24	32.75	9.08	28.18
Elitne, Kharkiv region	49.99222, 36.46093; 95 m a.s.l.	zone of unstable moisture with a wide range of variations in precipitation and average temperatures	April	10.30	22.00	-0.75	28.70
			May	17.00	27.00	5.50	54.28
			June	22.36	31.75	8.50	48.70
			July	23.10	32.00	13.75	44.83
			August	23.09	34.00	13.75	9.33
Ustymivka, Poltava region	49.30792, 33.21824; 94 m a.s.l.	moderate, forest-steppe climate with higher precipitation and lower temperatures	April	12.28	NA	NA	14.13
			May	18.80	NA	NA	92.57
			June	23.32	NA	NA	63.80
			July	24.01	NA	NA	42.17
			August	22.71	NA	NA	5.20
Khlibodarske, Odesa region	46.48189, 30.59316; 45 m a.s.l.	moderate-continental climate with subtropical features, including mild winters, a relatively long spring, a warm and often very hot summer, and a prolonged autumn	April	11.18	17.25	3.00	31.20
			May	17.05	24.25	8.50	38.30
			June	22.90	29.75	12.25	78.33
			July	24.93	30.75	16.50	50.50
			August	25.54	31.00	18.25	16.20