

S1 Table. Geographic locations of all *T. arvense* populations.

Region	Population	N° lines	Closest town	Latitude	Longitude	Altitude (m)
France	FR_01	5	Les Rives	43.8508071	3.282875	743
France	FR_02	4	Mostuéjouls	44.2385639	3.1596174	848
France	FR_03	6	Miscon	44.6281220	5.523118	821
South Germany	DE_01	6	Tübingen	48.5402860	9.034686	458
South Germany	DE_02	6	Löffingen	47.8766732	8.427379	708
South Germany	DE_03	6	Braunlingen	47.9202121	8.434509	769
South Germany	DE_04	6	Balingen	48.2802594	8.837293	539
South Germany	DE_06	6	Hirrlingen	48.4121117	8.8835621	431
South Germany	DE_07	6	Empfingen	48.3843302	8.7295661	515
South Germany	DE_08	4	Wittershausen	48.3252288	8.6434947	536
The Netherlands	NL_01	6	Wageningen	51.9550616	5.6372513	8
The Netherlands	NL_02	4	Veenendaal	52.0403204	5.5523601	8
The Netherlands	NL_03	6	Herwen	51.8861228	6.1316716	10
North Germany	DE_09	6	Halle	51.5138186	11.9201814	83
North Germany	DE_10	6	Schwittersdorf	51.5626351	11.7071825	187
North Germany	DE_11	6	Eisleben	51.5409550	11.5963349	221
North Germany	DE_12	6	Halle	51.5457637	11.9575064	90
North Germany	DE_13	6	Plötz	51.6362233	11.9366542	82
North Germany	DE_14	6	Rothen	51.7079562	12.0079172	88
North Germany	DE_15	6	Bossdorf	52.0151260	12.583979	151
North Germany	DE_16	6	Coswig	51.8852458	12.393296	55
South Sweden	SE_01	6	Lund	55.7224293	13.184996	48
South Sweden	SE_02	6	Lund	55.7316952	13.2524585	74
South Sweden	SE_03	6	Lund	55.7729103	13.2571215	21
South Sweden	SE_04	6	Eslöv	55.7483891	13.3845241	24
South Sweden	SE_05	6	Veberöd	55.6372295	13.5000471	34
South Sweden	SE_06	6	Vressel	55.6676921	13.6234294	20
South Sweden	SE_07	6	Vanstad	55.622051	13.835959	81
South Sweden	SE_08	5	Onslunda	55.6085961	14.0608974	108
Central Sweden	SE_09	5	Stockholm	59.3695897	17.9951086	9
Central Sweden	SE_10	6	Sollentuna	59.4340638	17.9218504	23
Central Sweden	SE_11	6	Rotebro	59.4773200	17.8533700	31
Central Sweden	SE_12	5	Uppsala	59.8191923	17.6535739	26
Central Sweden	SE_13	6	Uppsala	59.8447498	17.5101196	30
Central Sweden	SE_14	6	Uppsala	59.908915	17.599931	26
Central Sweden	SE_15	6	Sigtuna	59.652574	17.6884701	15