

Improved integrated management of *Cercospora* leaf spot (*Cercospora beticola*) with a new-type resistant sugar beet (*Beta vulgaris* L.) variety

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Supporting Information 1 Location of the trial sites in Germany and Austria, weather conditions, additional irrigation and harvest dates 2020-2022

Year	Region	Site	Latitude (°N)	Longitude (°E)	Mean air temperature (°C) March - September	Rainfall (mm) March - September	Irrigation (mm)	Harvest
2020	Lower Saxony	Hankensbüttel	52.72386	10.57789	14.1	248	150	28 October
	Franconia	Frankenwinheim	49.893833	10.30525	14.5	298		01 October
	Franconia	Seligenstadt	49.854031	10.093927	14.6	321		12 October
	Southern Hesse	Leeheim	49.857987	8.454204	15.9	149	310	23 September
	Southern Palatinate	Steinweiler	49.116986	8.1505	15.7	270		13 October ^a
	Lower Bavaria	Schambach	48.76988	12.81052	14.0	414		12 October
	Lower Bavaria	Makofen	48.80428	12.74924	14.1	415		05 October
	Lower Austria	Mailberg	48.6872	11.620154	16.6	458		02 November
	Lower Austria	Trübensee	48.36539	11.605488	16.3	503		02 November
2021	Lower Saxony	Hankensbüttel	52.729611	10.570531	13.2	392	60	17 November
	Lower Saxony	Einbeck	51.715944	9.935911	13.9	327		01 November
	Franconia	Frankenwinheim	49.892	10.307306	13.3	519		08 October
	Southern Palatinate	Steinweiler	49.125703	8.122863	14.1	452		12 October ^b
	Lower Bavaria	Schambach	48.84896	12.70271	13.2	458		07 October
	Lower Bavaria	Makofen	48.81219	12.72383	13.9	608		04 October
	Lower Austria	Zwingendorf	48.70119	16.2616	14.9	425		19 October
	Lower Austria	Trübensee	48.36473	16.04008	15.2	425		05 November
2022	Lower Saxony	Hankensbüttel	52.721967	10.592268	14.0	192	180	15 November
	Lower Saxony	Einbeck	51.798694	9.849917	13.7	207		03 November
	Franconia	Frankenwinheim	49.878723	10.337141	14.9	260		07 October ^c
	Southern Palatinate	Herxheim	49.162683	8.213256	16.3	355	60	20 October ^d
	Lower Bavaria	Schambach	48.84247	12.69823	14.4	305		20 September
	Lower Bavaria	Makofen	48.8117	12.74422	15.1	331		10 October
	Lower Austria	Immendorf	48.661	16.127	15.5	455		20 October
	Lower Austria	Trübensee	48.368	16.041	15.7	443		14 November

^a patchy crop after severe spring drought, yield data not used

^b infestation with *Rhizoctonia solani*, yield data not used

^c infestation with beet moth (*Scrobipalpa ocellatella*) and secondary pathogens, yield data not used

^d infestation with syndrome des basses richesses (SBR), yield data not used