

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

European Journal of Plant Pathology

Simon Borgolte^{1,2}, Daniel Laufer¹, Sebastian Liebe¹, Sören Seebode², Christine Kenter¹

kenter@ifz-goettingen.de

¹Institute of Sugar Beet Research, Holtenser Landstr. 77, 37079 Göttingen, Germany

²KWS SAAT SE & Co. KGaA, Grimsehlstr. 31, 37574 Einbeck, Germany

Supporting Information 2 Fungicides and application rates in the field trials 2020-2022

Year	Application	Active ingredient	FRAC-group	Application rate (g/ha)	Product
2020	1	epoxiconazole	3	125.0	Rubric
		mancozeb	M3	1500.0	Tridex DG ^a /Dithane Neotec ^b
	2	epoxiconazole + thiophanate-methyl	3 1	112.2	Duett Ultra
		mancozeb	M3	1500.0	Tridex DG ^a /Dithane Neotec ^b
	3	difenoconazole	3	100.0	Score
		tetraconazole	3	100.0	Domark 10 EC
		mancozeb	M3	1500.0	Tridex DG ^a /Dithane Neotec ^b
	4	as application 1			
2021	1	epoxiconazole	3	125.0	Rubric
		copper oxychloride ^a	M1	798.4	Cuprofor Flow
	2	epoxiconazole + thiophanate-methyl	3 1	112.2	Duett Ultra
		copper oxychloride ^a	M1	798.4	Cuprofor Flow
	3	difenoconazole	3	100.0	Score
		tetraconazole	3	100.0	Domark 10 EC
		copper oxychloride ^a	M1	798.4	Cuprofor Flow
	4	as application 1			
2022	1	tetraconazole	3	100.0	Domark 10 EC
		copper hydroxide ^b	M1	725.0	Funguran Progress
		copper oxychloride ^a	M1	798.4	Cuprofor Flow
	2	difenoconazole	3	100.0	Score
		copper hydroxide ^b	M1	725.0	Funguran Progress
		copper oxychloride ^a	M1	798.4	Cuprofor Flow
	3	as application 1			
	4	as application 2			

^a in Austria

^b in Germany