References

Aggarwal, N. K. et al. (2014). Mycobiota associated with Parthenium hysterophorus isolated from North India. *Indian Journal of Weed Science*, *46*(2), 155–160.

Almquist, C. et al. (2016). Disease risk assessment of sugar beet root rot using quantitative real-time PCR analysis of Aphanomyces cochlioides. European *Journal of Plant Pathology*, *145*(4), 731–742. https://doi.org/10.1007/s10658-016-0862-5

Bolton, M. et al. (2012). Characterization of CbCyp51 from field isolates of *Cercospora beticola*. *Phytopathology*, *102*(3), 298–305. https://doi.org/10.1094/PHYTO-07-11-0212

Bolton, M. D. et al. (2016). RNA-sequencing of Cercospora beticola DMI-sensitive and-resistant isolates after treatment with tetraconazole identifies common and contrasting pathway induction. *Fungal Genetics and Biology*, *92*, 1–13. https://doi.org/10.1016/j.fgb.2016.04.003

Brila, K. et al. (2012). Characterization of cytochrome b from European field isolates of Cercospora beticola with quinone outside inhibitor resistance. *European Journal of Plant Pathology*, *134*, 475–488. https://doi.org/10.1007/s10658-012-0029-y

Budakov, D. et al. (2014). Sensitivity of Cercospora beticola isolates from Serbia to carbendazimand and flutriafol. *Crop Protection*, *66*, 120–126. https://doi.org/10.1016/j.cropro.2014.09.010

Černý, I. et al. (2018). Crop formation and digestion of sugar beet depending on the year and foliar application of biologically active substances and fertilizers. *Listy Cukrovarnické a Řepařské*, *134*(4), 141–145.

Černý, I. et al. (2019). Crop formation and digestion of sugar beet depending on the various technology of soil preparation. *Listy Cukrovarnické a Řepařské*, *135*(12), 396–400.

Davidson, R. M. et al. (2006). Analysis of β-tubulin gene fragments from benzimidazole-sensitive and tolerant *Cercospora beticola*. *Journal of Phytopathology*, *154*, 321–328. https://doi.org/10.1111/j.1439-0434.2006.01080.x

Forsyth, F. R. et al. (1963). Cultural and pathogenic studies of an isolate of *Cercospora beticola* Sacc. *Journal of American Society of Sugar Beet Technology*, *12*, 485–491.

FRAC. (2016). Definition of fungicide resistance. FRAC. Retrieved 2.11.2016 from http://www.frac.info/resistance-overview

Gaurilčikienė, I. et al. (2006). Epidemic progress of *Cercospora beticola* Sacc. in *Beta vulgaris* L. under different conditions and cultivar resistance. *Biologija*, 4, 54–59. https://doi.org/10.6001/biologija.vi4.698

Giannopolitis, C. N. (1978). Occurrence of strains of *Cercospora beticola* resistant to triphenyltin fungicides in Greece. *Plant Disease Reporter*, *62*, 205–208.

Grasso, V. et al. (2006). Characterization of the cytochrome b gene fragment of Puccinia species responsible for the binding site of QoI fungicides. Pesticide *Biochemistry and Physiology*, *84*(2), 72–82. https://doi.org/10.1016/j.pestbp.2005.05.005

Groenewald, M. et al. (2008). Indirect evidence for sexual reproduction in *Cercospora beticola* populations from sugar beet. *Plant Pathology*, *57*, 25–32. https://doi.org/10.1111/j.1365-3059.2007.01697.x

Hajyieva, H. & Soroka, S. (2008). Phytosanitary situation in sugar beet crops in Belarus. *Zemdirbyste-Agriculture*, *95*(3), 65–73.

Harveson, R. M. & Bolton, M. D. (2013). First Evidence of a Binucleate Rhizoctonia as the Casual Agent of Dry Rot Canker of Sugar Beet in Nebraska. *Plant Diseaes*, *97*(11), 1508. https://doi.org/10.1094/PDIS-04-13-0375-PDN.

Hudec, K. & Roháčik, T. (2002). Alternaria alternata (Fr.) Keissler-new pathogen on sugar beet leaf in Slovakia. *Plant Protection Science*, *38*(2), 81–82.

Karadimos, D. A. & Karaoglanidis, G. S. (2006). Comparative efficacy, selection of effective partners and application time of strobilurin fungicides for control of Cercospora leaf-spot of sugar beet. *Plant Disease*, *90*(6), 820–825. https://doi.org/10.1094/PD-90-0820

Karaoglanidis, G. S. & Thanassoulopoulos, C. C. (2003). Cross-resistance patterns among sterol biosynthesis inhibiting fungicides (SBIs) in *Cercospora beticola*. *European Journal of Plant Pathology*, *109*(9), 929–934.

Karaoglanidis, G. S. et al. (2003). Sensitivity of *Cercospora beticola* populations to fentin-acetate, benomyl and flutriafol in Greece. *Crop Protection*, *22*(5), 735–740. https://doi.org/10.1016/S0261-2194(03)00036-X

Karaoglanidis, G. S. et al. (2002). Changes in sensitivity of *Cercospora beticola* populations to sterol-demethylation-inhibiting fungicides during a 4-year period in northern Greece. *Plant Pathology*, *51*(1), 55–62. https://doi.org/10.1046/j.0032-0862.2001.x-i2

Khan, J. et al. (2009). Fluctuations in number of *Cercospora beticola* conidia in relationship to environment and disease severity in sugar beet. *Phytopathology*, *99*(7), 796–801. https://doi.org/10.1094/PHYTO-99-7-0796

Kirk, W. W et al. (2012). First report of strobilurin resistance in *Cercospora beticola* in sugar beet (*Beta vulgaris*) in Michigan and Nebraska, USA. *New Disease Reports* **26**, 3. http://dx.doi.org/10.5197/j.2044-0588.2012.026.003.

Mahlein, A. K. et al. (2012). Hyperspectral imaging for small-scale analysis of symptoms caused by different sugar beet diseases. *Plant Methods*, *8*(1), 3. https://doi.org/10.1186/1746-4811-8-3

Mahmoud, A. F. (2016). Suppression of sugar beet damping-off caused by Rhizoctonia solani using bacterial and fungal antagonists. Archives of *Phytopathology and Plant Protection*, *49*(19-20), 575–585. https://doi.org/10.1080/03235408.2016.1245052

Malandrakis, A. A. et al. (2006). Biological and molecular characterization of laboratory mutants of *Cercospora beticola* resistant to Qo inhibitors. *European Journal of Plant Pathology*, *116*(2), 155–166. https://doi.org/10.1007/s10658-006-9052-1

Nikou, D. et al. (2009). Molecular characterization and detection of overexpressed C-14 alpha-demethylase-based DMI resistance in *Cercospora beticola* field isolates. *Pesticide Biochemistry and Physiology*, *95*(1), 18–27. https://doi.org/10.1016/j.pestbp.2009.04.014

Piszczek, J. et al. (2017). First report of G143A strobilurin resistance in *Cercospora beticola* in sugar beet (*Beta vulgaris*) in Poland. *Journal of Plant Diseases and Protection*, *125*(1), 99–101. https://doi.org/10.1007/s41348-017-0119-3

Russell, P. E. (2002). *Sensitivity baselines in fungicide resistance research and management*. Brussels: Crop Life International FRAC Monograph.

Setiawan, A. et al. (2000). Mapping quantitative trait loci (QTLs) for resistance to Cercospora leaf spot disease (*Cercospora beticola* Sacc.) in sugar beet (*Beta vulgaris* L.). *Theoretical and Applied Genetics*, *100*(8), 1176–1182. https://doi.org/10.1007/s001220051421

Shrestha, S. K. et al. (2017). Genetic diversity, QoI fungicide resistance, and mating type distribution of Cercospora sojina - Implications for the disease dynamics of frogeye leaf spot on soybean. *Plos One*, *12*(5), 1. https://doi.org/10.1371/journal.pone.0177220

Smith, G. A. & Gaskill, J. O. (1970). Inheritance of resistance to Cercospora leaf spot in sugarbeet. *Journal of the American Society of Sugar Beet Technologists*, *16*(2), 172–180

Tedford, S. L. et al. (2017). Relationships among airborne *Cercospora beticola* conidia concentration, weather variables, and cercospora leaf spot severity in sugar beet (*Beta vulgaris* L.). *Canadian Journal of Plant Pathology*, *40*(1), 1–10. https://doi.org/10.1080/07060661.2017.1410726

Trkulja, N. et al. (2013). Characterisation of benzimidazole resistance of *Cercospora beticola* in Serbia using PCR-based detection of resistance-associated mutations of the β-tubulin gene. *European Journal of Plant Pathology*, *135*(4), 889–902. https://doi.org/10.1007/s10658-012-0135-x

Trkulja, N. et al. (2015). Occurrence of *Cercospora beticola* populations resistant to benzimidazoles and demethylation-inhibiting fungicides in Serbia and their impact on disease management. *Crop Protection*, *75*, 80–87. https://doi.org/10.1016/j.cropro.2015.05.017

Tümbek, A. et al. (2011). Sensitivity of *Cercospora beticola* populations in Turkey to flutriafol, mancozeb, and fentin acetate. *Turkish Journal of Agriculture and Forestry*, *35*(1), 65–71. https://doi.org/10.3906/tar-0910-24

ÚKSÚP. (2016). List of authorized plant protection products and plant protection products authorized for parallel trade. UKSÚP. Retrieved 15.1.2020 from http://web.uksup.agroinstitut.sk/orp-pripravky-na-ochranu-rastlin-registre-a-zoznamy/?start

Vaghefi, N. et al. (2016). Genotypic diversity and resistance to azoxystrobin of *Cercospora beticola* on processing table beet in New York. *Plant Disease*, *100*(7), 1466–1473. https://doi.org/10.1094/PDIS-09-15-1014-RE

Van Den Bosch, F. et al. (2011). The dose rate debate: does the risk of fungicide resistance increase or decrease with dose? *Plant Pathology*, *60*(4), 597–606. https://doi.org/10.1111/j.1365-3059.2011.02439.x