

Publications

Spies, J.J., Du Preez, J.L., **Minnaar, A.**, Kleynhans, R. 2000. Chromosome studies on African plants 13. *Lachenalia mutabilis*, *L. pustulata* and *L. unicolor*. Bothalia 30,1 **Q1**

Van Jaarsveld, L.C., Kriel, W-M., **Minnaar, A.** 2006. First report of *Puccinia thaliae* on Canna lily in South Africa. Plant Disease 90:113. **Q1**

Spies, J.J., Spies, P., **Minnaar, A.**, Reinecke, S.M.C., Du Preez, J.L., Kleynhans, R. 2009. *Lachenalia*. In: Marhold, K. (ed.), IAPT/IOPB chromosome data 8. Taxon 58: 1282-1283. **Q1**

Spies, J.J., Spies, P., **Minnaar, A.**, Reinecke, S.M.C., Du Preez, J.L., Kleynhans, R. 2009. Chromosome numbers of *Lachenalia* (Hyacinthaceae). In: Marhold, K. (ed.), IAPT/IOPB chromosome data 8. Taxon 58 (4): 1288-1289. **Q1**

Phillipou OA, Swart WJ, **Minnaar-Ontong A** and Van Biljon. 2013. First report of *Fusarium oxysporum* causing wilt on *Hoodia gordonii* in South Africa. Plant Disease 97:1. **Q1**

Minnaar-Ontong, A., Herselman, L., Kriel, W-M., Leslie, J.F. 2017. Morphological characterization and trichothecene genotype analysis of a *Fusarium* Head Blight population in South Africa. European Journal of Plant Pathology 148:261-269. **Q1**

Mutimaamba, C., MacRobert, J., Cairns, J.E., Magorokosho C.E., Ndhlela, T., Mukungurutse, C., **Minnaar-Ontong, A.**, Labuschagne, M.T. 2017. Diallel analysis of acid soil tolerant and susceptible maize inbred lines for grain yield under acid and non-acid soil conditions. Euphytica 213:88 **Q2**

Dari, S., MacRobert, J., **Minnaar-Ontong, A.**, Labuschagne M.T. 2017. Effect of the few-branched-1 (*Fbr1*) tassel mutation on performance of maize inbred lines and hybrids evaluated under stress and optimum environments. Maydica 62-2017 (electronic publication) **Q3**

Mutimaamba, C., MacRobert, J., Cairns, J.E., Magorokosho, C., Ndhlela, T., Mukungurutse, C., **Minnaar-Ontong, A.**, Labuschagne, M.T. 2020. Line x tester analysis of maize grain yield under acid and non-acid soil conditions. Crop Science 60(2):991-1003. DOI: 10.1002/csc2.20009 **Q1**

Meyer, W., Boshoff, W.H.P, **Minnaar-Ontong, A.**, Young, A.J., Kong, G., Thompson, S., Pretorius, Z.A., Visser, B. 2021. Phenotypic and genotypic variation of *Puccinia helianthi* in South Africa. Plant Disease 105(5): 1482-1489 **Q1**

Minnaar-Ontong, A., Gerrano, A.S., Labuschagne, M.T.L. 2021. Assessment of genetic diversity and structure of Bambara groundnut [*Vigna subterranean* (L.) verdc.] landraces in South Africa. Scientific Reports 11: 7408 **Q1**

Mphela, W.M., Laurie, S. M., **Minnaar-Ontong, A.**, Bihon, W. 2022. Development and screening of *Fusarium* wilt resistant lines in Sweet potato [*Ipomoea batatas* (L.) Lam]. Euphytica 218:68 **Q2**

Tembo, E., **Minnaar-Ontong, A.**, Menkir, A., Marais, G., Magorokosho, C., Labuschagne, M.T. 2022. Inheritance of resistance to *Fusarium verticillioides* ear rot in maize inbred lines of southern, West and central Africa origin. *Crop Science* DOI: 10.1002/csc2.20776 **Q1**

Conference proceedings and presentations

Conference Proceedings

Minnaar-Ontong A, Herselman L, Kriel W-M. 2008. *Population Dynamics of Fusarium Head Blight isolates in South Africa.* *Journal of Plant Pathology*, 90, 0, (pp. S3.66 - 66).

Presentations

10th International Fusarium workshop and Fusarium genomics workshop: August 2008, Alghero, Sardinia, Italy. **Minnaar-Ontong A,** Herselman, L, Kriel W-M and Leslie JF. 2008. *Population dynamics of Fusarium head blight isolates in South Africa.*

Postgraduate Symposium: October 2008, University of Johannesburg. **Minnaar-Ontong A,** Herselman, L, Kriel W-M and Leslie JF. 2008. *Fusarium species associated with Fusarium Head Blight of wheat in South Africa.*

46th congress of the SASPP: January 2009, Gordons Bay. **Minnaar-Ontong A,** Herselman, L, Kriel W-M and Leslie JF. 2009. *Population dynamics of Fusarium head blight species on irrigated wheat in South Africa.*

15th International Sclerotinia Workshop: August 2013, Wuhan, China. Steyn, C., McLaren, N.W., Flett, B. and **Minnaar-Ontong, A.** 2013. *Genetic variation of Sclerotinia sclerotiorum isolates in South Africa.*

Soilborne Plant Diseases Symposium: September 2013, ARC, Stellenbosch. Steyn, C., McLaren, N.W., Flett, B. and **Minnaar-Ontong, A.** 2013. *Genetic variation of Sclerotinia sclerotiorum isolates in South Africa and resistance of soybean.*

12th Southern African Plant Breeding Symposium: March 2018, Gateway Hotel, Durban. C Meyer, C Steyn, **A Minnaar-Ontong.** *South Africa's big bang pathogen: Sclerotinia Sclerotiorum.*

12th Southern African Plant Breeding Symposium: March 2018, Gateway Hotel, Durban. KP Mmereki, **A Minnaar-Ontong** and L Herselman. *Improved Fusarium head blight resistance in the South African cultivar Krokodil.*

12th Southern African Plant Breeding Symposium: March 2018, Gateway Hotel, Durban. H Katondo, **A Minnaar-Ontong** and A van Biljon. *Nutritional diversity in leafy amaranth genotypes.*

Soilborne Plant Diseases Symposium: September 2018, ARC, Stellenbosch. C Meyer, C Steyn, **A Minnaar-Ontong.** *Population genetic structure of Sclerotinia sclerotiorum in South Africa.*

51st Congress of the Southern African Society for Plant Pathology, Langebaan. 20-24 January. Meyer, W.B., Boshoff, W.H.P., **Minnaar-Ontong, A.** and Visser, B. 2019. *Phenotypic and genotypic variation of Puccinia helianthi in South Africa.*

University of Johannesburg (UJ) virtual postgraduate symposium, University of Johannesburg, South Africa. 9-12 November. Basson, H.J., van der Merwe, R., Maré, A. and

Minnaar-Ontong, A. 2021. *A pre-breeding approach towards soybean sudden death syndrome resistance in South African soybeans.*

University of Johannesburg (UJ) virtual postgraduate symposium, University of Johannesburg, South Africa. 9-12 November. Meyer, W., Boshoff, W.H.P, **Minnaar-Ontong, A.** and Visser, B. 2021. An overview of virulence and genotypic assessment of South African *Puccinia helianthi* isolates.

Grain SA research workshop, Grain SA, Pretoria, South Africa. Steyn, C. and **Minnaar-Ontong, A.** 2021. Sclerotinia Sclerotiorum Population dynamics: A South African perspective.

National Grain Research Programme_Research Day, Pretoria, South Africa. 10 May. Steyn, C. and **Minnaar-Ontong, A.** 2022. Improvement of South African soybean cultivars against Sclerotinia stem rot

National Grain Research Programme_Research Day, Pretoria, South Africa. 10 May. **Minnaar-Ontong, A.** 2022. Screening and breeding soybean for disease resistance.

Posters

Kriel, W-M, **Minnaar-Ontong A.** 2005. Chemical control of seedborne *Fusarium* species in wheat wheat. Poster at the 43rd congress of the SASPP, January 2005, Hartenbosch.

Minnaar-Ontong, A, Kriel, W.M., Herselman, L and Philippou, O.A. 2006. *Fusarium* species associated with Fusarium Head Blight of wheat in South Africa. Poster at the 44th congress of the SASPP, 22-25 January 2006, Magalies Park Country Club, Hartebeespoortdam.

Steyn, C., McLaren, N.W., Flett, B. and **Minnaar-Ontong, A.** 2014. Preliminary population genetic study of Sclerotinia sclerotiorum in South Africa. Poster at the 10th Southern African Plant Breeding Symposium, March 2014, The Maria Moroka Nature Reserve, Black Mountain Leisure and Conference Hotel, Thaba 'Nchu.

Palesa Mmereki, **Adré Minnaar-Ontong** and Liezel Herselman. 2018. Improved Fusarium head blight resistance in the South African cultivar Krokodil. Poster presented at the SANSOR Annual congress: May 2018, Pretoria.

Liu, Y., **Minnaar-Ontong, A.** and Labuschagne, M.T. 2019. *Wbm: a gene link to bread making quality in South Africa wheat?* Poster presented at the 1st International Wheat Congress: July 2019, Saskatoon, Canada.

Basson, H.J., van der Merwe, R., Maré, A. and **Minnaar-Ontong, A.** 2021. *A pre-breeding approach towards soybean sudden death syndrome resistance in South African soybeans.* Poster presented at the 14th Southern African Plant Breeding Symposium: March 2022, Protea Hotel by Marriot Stellenbosch, Stellenbosch.

Popular articles

Steyn, C. and **Minnaar-Ontong, A.** 2019. *Sclerotinia* population dynamics: A force to be reckoned with. Oilseed Focus Magazine

Meyer, W., Boshoff, W.H.P, **Minnaar-Ontong, A.**, Visser, B. 2020. Nuwe, aggressiewe rasse van roesswam bekommer. SA Grain Magazine

Steyn, C. and **Minnaar-Ontong, A.** 2022. *Sclerotinia sclerotiorum*: From curse to boon? SA Grain Magazine