

UNIVERSITY OF STELLENBOSCH

DEPARTMENT OF PLANT PATHOLOGY

POSTGRADUATE QUALIFICATIONS AWARDED SINCE 1921

Doctor's degrees (DScAgric and PhD(Agric))

1. **Verwoerd, L. DScAgric. 1928.** Die biologie, parasitisme en bestryding van *Urocystis tritici* Kaern, die veroorsakende organisme van tulpbrand by koring (*Triticum* soorte) met vasstelling van die aanwesigheid in Suid-Afrika van *Urocystis occulta* Wallr Rob. as oorsaak van stambrand by rog. Promoter: Prof P.A. van der Bijl.
2. **Dippenaar, B.J. DScAgric. 1933.** Environmental and control studies of the common scab disease of potatoes caused by *Actinomyces scabies* (Thaxt.) Quss. Promoter: Prof P.A. van der Bijl.
3. **Du Plessis, S.J. DScAgric. 1935.** Studies on the wastage of export grapes, with special reference to that caused by *Botrytis cinerea* Pers. Promoter: Prof P.A. van der Bijl.
4. **Bowen, J.W. DScAgric. 1945.** The effect of progressive decay on timber of *Eucalyptus saligna* Sm. and *Acacia mollissima* Willd. used in the mines of the Witwatersrand, with particular reference to the effect of preservative treatment on changes in the physical, mechanical and chemical properties. Promoter: Prof B.J. Dippenaar.
5. **Louw, A.J. DScAgric. 1946.** Studies on the scab disease of apples caused by *Venturia inaequalis* (Cke) Wint. with particular reference to its epiphytology and control in the winter rainfall area of the Cape Province. Promoter: Prof L. Verwoerd.
6. **Van der Watt, J.J. DScAgric. 1960.** Die oorlewing van *Ophiobolus graminis* Sacc. in die grond van die winterreënstreek van Kaapland. Promoter: Prof A.J. Louw.
7. **Von Warmelo, K.T. PhD(Agric). 1973.** Studies on the genus *Neocosmospora*. Promoter: Prof P.S. Knox-Davies.
8. **Van Wyk, P.S. PhD(Agric). 1974.** Funguspatogene van die genera *Protea*, *Leucadendron* en *Leucospermum* met spesiale verwysing na *Phytophthora cinnamomi*. Promoter: Prof P.S. Knox-Davies.
9. **De Jager, J.N.W. PhD(Agric). 1980.** 'n Oorsig oor die koringsiekte situasie in Suid-Afrika, met spesiale verwysing na stamroes en oorwegings in verband met 'n nasionale koringsiekteprogram. Promoter: Prof P.S. Knox-Davies.
10. **Schwabe, W.F.S. PhD(Agric). 1980.** Epidemiology and control of apple scab in South Africa. Promoter: Prof P.S. Knox-Davies.
11. **Morris, M.J. PhD(Agric). 1982.** Some plant pathogens and biological control of weeds in South Africa. Promoter: Prof P.S. Knox-Davies.
12. **Visser, S. PhD(Agric). 1982.** Conidia of *Verticillium dahliae* as inoculum for artificial infection of *Lycopersicon esculentum*. Promoter: Prof M.J. Hattingh.

13. **Holz, G. PhD(Agric). 1983.** Pectic enzyme production by *Fusarium oxysporum* f.sp. *cepae* in onion bulbs as influenced by apoplast sugars and host cell walls. Promoter: Prof P.S. Knox-Davies.
14. **Marais, P.G. PhD(Agric). 1983.** *Phytophthora cinnamomi* root rot of grapevines in South Africa. Promoter: Prof M.J. Hattingh.
15. **Van Jaarsveld, A.B. PhD(Agric). 1983.** Lupin diseases in South Africa with special reference to powdery mildew. Promoter: Prof P.S. Knox-Davies.
16. **Lombard, B. PhD(Agric). 1986.** Host-pathogen interactions involving wheat and *Puccinia graminis tritici* in South Africa. Promoter:
17. **Mansvelt, E.L. PhD(Agric). 1986.** Epidemiology of bacterial diseases of pome fruit trees caused by *Pseudomonas syringae*. Promoter: Prof M.J. Hattingh.
18. **Roos, I.M.M. PhD(Agric). 1986.** Bacterial canker of stone fruit trees caused by *Pseudomonas syringae* pv. *syringae* and *P. syringae* pv. *morsprunorum*: phenotypic features of the pathogens and systemic invasion of host tissue. Promoter: Prof M.J. Hattingh.
19. **Lamprecht, S.C. PhD(Agric). 1989.** *Fusarium* diseases of annual *Medicago* spp. Promoter: Prof P.S. Knox-Davies.
20. **Fourie, J.F. PhD(Agric). 1991.** Postharvest decay of stone fruit: infection and latency of *Botrytis cinerea*. Promoter: Prof G. Holz.
21. **Pretorius, E. PhD(Agric). 1992.** Molecular cloning and characterization of DNA fragments from *Xanthomonas campestris* pv. *translucens* and comparison with known sequences of *Xanthomonas*. Promoter: Prof M.J. Hattingh.
22. **Robbertse, B. PhD(Agric). 2000.** Virulence spectrum, molecular characterisation and fungicide sensitivity of the South African *Rhynchosporium secalis* population. Promoter: Prof P.W. Crous.
23. **Schoch, C.L. PhD(Agric). 2000.** Phylogenetic relationships and population dynamics of *Calonectria*. Promoter: Prof P.W. Crous.
24. **Schreuder, W. PhD(Agric). 2000.** Characterization and pathogenicity of South African isolates of *Fusarium oxysporum* f. sp. *melonis*. Promoter: Prof G. Holz.
25. **Campbell, G.F. PhD(Agric). 2001.** Genetics of pathogenicity in *Pyrenophora* leaf diseases of barley. Promoter: Prof P.W. Crous.
26. **Fourie, P.H. PhD(Agric). 2001.** Epidemiology of *Monilinia laxa* on nectarine and plum: infection of fruits by conidia. Promoter: Prof G. Holz.
27. **Denman, S. PhD(Agric). 2002.** Botryosphaeria diseases of Proteaceae. Promoter: Prof P.W. Crous.
28. **Wood, A. R. PhD(Agric). 2004.** The biology of *Endophyllum osteospermi*, and its use for the biological control of *Chrysanthemoides monilifera* ssp. *monilifera*. Promoter: Prof P.W. Crous.
29. **Halleen, F. PhD(Agric). 2005.** Characterisation of *Cylindrocarpon* spp. associated with black foot disease of grapevine. Promoter: Prof P.W. Crous/Co-promoter: Dr P.H. Fourie.
30. **Van Niekerk, J.M. PhD(Agric). 2008.** Epidemiology of selected grapevine trunk disease causing pathogens in South Africa. Promoter: Dr P.H. Fourie.

31. **Southwood, M.J. PhD(Agric). 2010.** Evolution and detection of *Fusarium oxysporum* f.sp. *cepae* in onion in South Africa. Promoter: Dr A. McLeod.
32. **Spies, C.F.J. PhD(Agric). 2010.** Characterisation and detection of *Pythium* and *Phytophthora* species associated with grapevines in South Africa. Promoter: Dr A. McLeod.
33. **Tesfai Tewoldemedhin, Y. PhD(Agric). 2010.** Elucidating the etiology of apple replant disease in South Africa using a multiphasic approach. Promoter: Dr A. McLeod.
34. **Brink, J.-C. PhD(Agric). 2012.** Optimisation of fungicide spray coverage on grapevine and the incidence of *Botrytis cinerea*. Promoter: Dr P.H. Fourie.
35. **Gouws, R. PhD(Agric). December 2013.** Ecology and characterization of *Streptomyces* species associated with common scab in disease conducive and biofumigated soils in South Africa. Promoter: Dr. A. McLeod.
36. **Erasmus, A. PhD(Agric). April 2014.** Optimisation of imazalil application and green mould control in South African citrus packhouses. Promoter: Dr P.H. Fourie.
37. **Mutawila, C. PhD(Agric). April 2014.** Improving pruning wound protection against grapevine trunk disease pathogens. Promoter: Dr L. Mostert.
38. **Von Diest, S.G. PhD(Agric). April 2014.** Responses of *Venturia inaequalis* to sanitation and regional climate differences in South Africa. Promoter: Dr C.L. Lennox.
39. **Mostert, G. PhD. December 2014.** Characterization and distribution of *Fusarium oxysporum* f. sp. *cubense* in Asia. Promoter: Prof A. Viljoen and Dr L. Mostert.
40. **Schoeman, A. PhD. December 2014.** The diversity and population structure of *Fusarium verticillioides* in South Africa. Promoter: Prof A. Viljoen and Prof B.C. Flett.
41. **Cloete, M. PhD(Agric). March 2015.** The characterisation of basidiomycetes associated with esca disease in South African grapevines. Promoters: Dr L Mostert and Dr F. Halleen.
42. **Karangwa, P. PhD. March 2015.** Diversity and population structure of *Fusarium oxysporum* f.sp. *cubense* in east and central Africa. Promoters: Prof A. Viljoen, Dr G. Blomme and Dr F. Beed.
43. **Mbili, N.C. PhD. December 2015.** Management of postharvest diseases of apples using essential oils. Promoters: Dr C.L. Lennox, Dr F.A. Vries and Prof U.L. Opara.
44. **Rose, L.-J. PhD. March 2016.** Investigating maize inbred line responses following infection by the mycotoxigenic fungus *Fusarium verticillioides*. Promoters: Prof. A. Viljoen, Dr. C. van der Vyver and Prof. B.C. Flett.
45. **Ssali, R.T. PhD. March 2016.** The identification and characterization of resistance in *Musa* to *Fusarium oxysporum* f. sp. *cubense* race 1. Promoters: Prof. A. Viljoen and Dr. A. Kiggundu.
46. **Baloyi, M.A. PhD. December 2016.** Inoculum ecology of Petri disease fungi in grapevines of South Africa. Promoters: Dr F. Halleen and Dr. L. Mostert.
47. **Koopman, T.A. PhD. December 2016.** Molecular characterisation and pathogenicity of the South African *Venturia inaequalis* (apple scab) population. Promoters: Dr. C.L. Lennox, Mr. K.R. Tobutt, Dr. C. Bester and Dr. J.C. Meitz-Hopkins.

48. **Moyo, P. PhD. March 2017.** Identification and characterisation of Diatrypaceae species associated with declining grapevines and alternative hosts in South Africa. Promoters: Drr. F. Halleen and L. Mostert.
49. **Munhuweyi, K. March 2017.** Antimicrobial effects of chitosan and essential oils on postharvest diseases of pomegranate fruit and prospects for incorporation in active packaging. Promoters: Prof. U.L. Opara, Dr. O.J. Caleb, Dr. C L. Lennox and Prof. G.O. Sigge.
50. **Ncube, E. PhD. March 2017.** Interactive effect of *Busseola fusca* and *Fusarium verticillioides* on ear rot and fumonisin production in maize. Promoters: Proff. A. Viljoen, B.C. Flett and J. Van den Berg.
51. **Carstens, E. PhD. March 2018.** Population structure, sex and spatial distribution of *Phyllosticta citricarpa*, the citrus black spot pathogen. Promoters: Proff. A. McLeod and C. Linde.
52. **Nyoni, M. PhD. March 2018.** Spectrum of *in-vitro* activity and efficacy of phosphonates for management of apple replant disease and oomycete root rot pathogens in South Africa. Promoters: Proff. A. McLeod and M. Mazzola.
53. **Van Coller, G.J. PhD. March 2018.** Identification and management of toxigenic *Fusarium* species associated with *Fusarium* head blight and *Fusarium* crown rot of wheat in South Africa. Promoters: Prof. A. McLeod and Dr. S.C. Lamprecht.
54. **Van Zyl, K. PhD. December 2018.** Genetics of fumonisin biosynthesis and resistance to *Fusarium verticillioides* in maize. Promoters: Prof. A. Viljoen and Dr. L.J. Rose.
55. **Van Zyl, J.G. PhD. March 2019.** Evaluation of adjuvants in fungicide spray application for the control of *Alternaria* brown spot in South African citrus orchards. Promotor: Prof. PH. Fourie.

Master's degrees (MSc en MScAgric)

1. **Verwoerd, L. MScAgric. 1926.** Plantpatologierigting. Study leader: Prof P.A. van der Bijl.
2. **Dippenaar, B.J. MScAgric. 1929.** Plantpatologierigting. Study leader: Prof P.A. van der Bijl.
3. **Du Plessis, S.J. MScAgric. 1931.** Rooskleurwortel en bolverrotting van uie veroorsaak deur *Fusarium cepae* H. anz. emend. Link en Bailey. Study leader: Prof L. Verwoerd.
4. **Van Heerden, H.P.W. MScAgric. 1931.** Plantpatologierigting. Study leader: Prof L. Verwoerd.
5. **Gorter, G.J.M.A. MScAgric. 1938.** Plantpatologierigting. Study leader: Prof L. Verwoerd.
6. **Truter, S.J. MSc. 1939.** Studies on the morfology, parasitology and physiology of *Septoria tritici* Rob. Study leader: Prof L. Verwoerd.
7. **Louw, A.J. MScAgric. 1940.** Studies on *Septoria passiflorae* N. sp. occurring on passion fruit with special reference to its parasitism and physiology. Study leader: Prof L. Verwoerd.

8. **Du Toit, J.J. MScAgric. 1947.** *Pleospora herbarum* (Pers.) Rabh. (Konidiese stadium *Stemphylium botryosum* Wallr.) op patats. Study leader: Prof S.J du Plessis.
9. **Oelosen, O.N. MScAgric. 1947.** Swamlading van koringmonsters uit die Westelike Kaapprovinsie met betrekking tot die moontlikheid van verspreiding van die veroorsakende organismes van voet- en wortelverrottings deur middel van saadkoring. Study leader: Prof S.J du Plessis.
10. **Van der Watt, J.J. MScAgric. 1952.** Besmetting van koring met *Ophiobolus graminis* Sacc. met besondere verwysing na 'n omvalverskynsel. Study leader: Prof S.J du Plessis.
11. **Nel, A.C. MScAgric. 1953.** Die invloed van ent met knoppiesbakterieë (*Rhizobium lupini*) en die tipe van benattingmedium gebruik met die ent van die saad op knoppiesvorming, groei, opbrengs en eiwitinhoud van *Lupinus angustifolius* en *Lupinus luteus*. Study leader: Prof S.J du Plessis.
12. **Petzer, C.F. MScAgric. 1954.** Blaarvleksiektes van spanspek veroorsaak deur *Pleospora herbarum* (Pers) Rabh. (Konidiese stadium *Stemphylium botryosum* Wallr.) Study leader: Prof A.J. Louw.
13. **Hakkaart, F.A. MScAgric. 1955.** Ondersoekings oor die parasitisme en bestryding van *Sclerotium cepivorum* Berk. oorsaak van die witvrotsiekte in uie. Study leader: Prof S.J du Plessis.
14. **Louw, H.A. MScAgric. 1955.** Mikrobiologiese ontleding van graangronde onder verskillende wisselboustelsels en die voorkoms van vrotpootjie daarop. Study leader: Prof S.J du Plessis.
15. **Wolfswinkel, L.D. MScAgric. 1955.** Die oorlewing van stamroes (*Puccinia graminis tritici*) (Pers) en blaarroes (*Puccinia triticina*) (Erikss) van koring in Wes-Kaapland. Study leader: Prof S.J du Plessis.
16. **Schoombee, N.F. MScAgric. 1959.** Die identifikasie, voedsterplantreeks en epidemiologie van mosaïek by skorsies (*Cucurbita pepo*). Study leader: Prof A.J. Louw.
17. **Van Regenmortel, M.H.V. MScAgric. 1959.** Serologiese en biofisiese eienskappe van 'n ringvlekvirus van skorsie (*Cucurbita pepo*). Study leader: Prof A.J. Louw.
18. **De Kock, J.W. MScAgric. 1960.** Studies oor *Cercospora herpotrichoides* (Fron.) veral met betrekking tot saprofitiese oorlewing en tegnieke vir weerstandstoetse. Study leader: Prof A.J. Louw.
19. **Van der Spuy, J.E. MScAgric. 1961.** Yellow spot spoilage of pickled onions. Study leader: Prof A.J. Louw.
20. **Von Wechmar, M.B. MScAgric. 1961.** The influence of environmental factors on growth, sporulation and pathogenicity of *Septoria tritici* Desm. and *Septoria nodorum* Berk and the pathological response of inoculated wheat varieties. Study leader: Prof A.J. Louw.
21. **Mathee, F.N. MScAgric. 1962.** Die voorkoms van bederfveroorsakende swamme by appels onder koelopbergingsstoestande en faktore wat hulle binnedringingsvermoë beïnvloed. Study leader: Prof A.J. Louw.

22. **Baard, S.W. MScAgric. 1964.** Ondersoekinge oor die koolstof- en stikstofvereistes van, en die invloed van organiese reste op *Helminthosporium sativum* P.K. en B. Study leader: Prof A.J. Louw.
23. **Engelbrecht, D.J. MScAgric. 1964.** Studies on virus diseases of strawberries in the Western Cape Province. Study leader: Prof A.J. Louw.
24. **Schwabe, W.F.S. MScAgric. 1964.** Ondersoekings oor *Septoria piricola* Desm. [*Mycosphaerella sentina* (Fr.) Schr.] oorsaaklike organisme van 'n blaarvleksierte by pere. Study leader: Prof P.S. Knox-Davies.
25. **Van der Merwe, J.J.H. MScAgric. 1967.** Ondersoekings oor houtskoolverrottings (sponsvrot) veroorsaak deur *Macrophomina phaseoli* (*Rhizoctonia baccata*). Study leader: Prof P.S. Knox-Davies.
26. **Hough, J.A. MScAgric. 1969.** Studies on the infection of citrus fruit by *Penicillium digitatum*. Study leader: Prof P.S. Knox-Davies.
27. **De Jager, J.N.W. MScAgric. 1972.** Evaluering van weerstand in koring teen *Puccinia graminis tritici*. Study leader: Prof P.S. Knox-Davies.
28. **Van der Walt, W.J.K. MScAgric. 1972.** Identification of three sap-transmissible viruses affecting pome fruit in South Africa. Study leader: Prof P.S. Knox-Davies.
29. **Holz, G. MScAgric. 1973.** Verwelk- en bolverrottingsiekte van uie, veroorsaak deur *Fusarium oxysporum* f.sp. *cepae*. Study leader: Prof P.S. Knox-Davies.
30. **Loubser, J.T. MScAgric. 1973.** Populasie-studies van *Pseudomonas solanacearum* in grond. Study leader: Prof M.J. Hattingh.
31. **Marais, P.G. MScAgric. 1973.** Die biologie en epidemiologie van donsskimmel in Wes-Kaapland. Study leader: Prof P.S. Knox-Davies.
32. **Van Jaarsveld, A.B. MScAgric. 1973.** Lupienskroeierte in Wes-Kaapland: weerstand en epidemiology. Study leader: Prof P.S. Knox-Davies.
33. **Ferreira, J.H.S. MScAgric. 1974.** Meganisme van patogeenese van *Alternaria passiflorae* op *Passiflora edulis*. Study leader: Prof M.J. Hattingh.
34. **Holtzhausen, M.A. MScAgric. 1974.** Saadoordraging van koolgewas- en ertjiepatogene. Study leader: Prof P.S. Knox-Davies.
35. **Mataré, R. MScAgric. 1976.** Endomikorrissale sitrus en avokado in die aanwesigheid van *Phytophthora parasitica* of *P. cinnamomi*. Study leader: Prof M.J. Hattingh.
36. **Morris, M.J. MScAgric. 1976.** Some developments in the pathology of cruciferous vegetable crops in South Africa. Study leader: Prof P.S. Knox-Davies.
37. **Meyer, P.J. MScAgric. 1977.** An investigation on graft-transmissible diseases of pome fruit in South Africa. Study leader: Prof P.S. Knox-Davies.
38. **Thomas, A.C. MSc. 1977.** The involvement of phytotoxins produced by *Eutypa armeniaca* in dieback of apricot. Study leader: Prof G. Holz.
39. **Wingfield, M.J. MScAgric. 1979.** Some forest tree diseases in South Africa. Study leader: Prof P.S. Knox-Davies.
40. **Le Roux, J. MScAgric. 1981.** Evaluasie van *Septoria nodorum* – weerstand in lentekoring. Study leader: Prof P.S. Knox-Davies.

41. **Benic, L.M. MScAgric. 1982.** Two commercially important diseases of South African Proteaceae. Study leader: Prof P.S. Knox-Davies.
42. **Ferreira, J.F. MScAgric. 1982.** Studies on melon seed pathology. Study leader: Prof P.S. Knox-Davies.
43. **Mansvelt, E.L. MScAgric. 1982.** Histopathology of seed stalk necrosis of onion caused by *Erwinia herbicola*, with special reference to colonization. Study leader: Prof M.J. Hattingh.
44. **Pretorius, Z.A. MScAgric. 1982.** Disease progress and yield response in spring wheat cultivars and lines infected with *Puccinia graminis* f.sp. *tritici*. Study leader: Prof P.S. Knox-Davies.
45. **Roos, I.M.M. MScAgric. 1982.** Bacterial canker of stone fruit in South Africa. Study leader: Prof M.J. Hattingh.
46. **Lamprecht, S.C. MScAgric. 1983.** Diseases of *Medicago* spp. in South Africa. Study leader: Prof P.S. Knox-Davies.
47. **Fourie, J.F. MScAgri. 1984.** Postharvest fungal decay of stone fruit. Study leader: Prof G. Holz.
48. **Goodman, C.A. MScAgric. 1986.** Bacterial spot and bacterial canker of stone fruit trees: challenges in producing disease-free propagating material. Study leader: Prof M.J. Hattingh.
49. **Swart, W.J. MScAgric. 1986.** *Sphaeropsis sapinae*, with special reference to its occurrence on *Pinus* spp. in South Africa. Study leader: Prof P.S. Knox-Davies.
50. **Schlagbauer, H.E. MScAgric. 1987.** *Monilinia laxa* brown rot of stone fruit in the western Cape Province of South Africa and the importance of latent infections. Study leader: Prof G. Holz.
51. **Crous, P.W. MScAgric. 1988.** Foliage diseases of *Eucalyptus* species. Study leader: Prof P.S. Knox-Davies.
52. **Engelbrecht, M.C. MSc. 1988.** Numerical analysis of phenotypic features of *Pseudomonas solanacearum* strains isolated from tobacco and other hosts in South Africa. Study leader: Prof M.J. Hattingh.
53. **Koch, S.H. MScAgric. 1988.** Colletotrichum diseases of lucerne in South Africa. Study leader: Prof P.S. Knox-Davies.
54. **Orffer, S. MScAgric. 1988.** Diseases of proteas. Study leader: Prof P.S. Knox-Davies.
55. **Schreuder, W. MScAgric. 1988.** Dieback of blackthorn (*Acacia mellifera* subsp. *detinens*) in South West Africa. Study leader: Prof G. Holz.
56. **Serfontein, J.J. MScAgric. 1988.** Characterization of *Pseudomonas syringae* pv. *tomato* by numerical analysis of phenotypic features and total soluble proteins. Study leader: Prof M.J. Hattingh.
57. **Smit, W.A. MSc. 1988.** Diseases of rooibos tea. Study leader: Prof P.S. Knox-Davies.
58. **Theron, D.J. MScAgric. 1988.** *Fusarium* species associated with dry and stem end rot of potato tubers. Study leader: Prof G. Holz.

59. **De Kock, P.J. MScAgric. 1989.** *Botrytis cinerea* bunch rot of table grapes: colonization and timing of fungicide application. Study leader: Prof G. Holz.
60. **Malan, D.E. MScAgric. 1989.** Soilborne diseases of *Lupinus albus*. Study leader: Prof P.S. Knox-Davies.
61. **Bester, F.C.J. MScAgric. 1990.** Beheer van vrotpootjie en oogvlek van koring in Wes-Kaapland. Study leader: Prof P.S. Knox-Davies.
62. **De Kock, S.L. MScAgric. 1990.** Blossom-end rot of pears: systemic infection of flowers and immature fruit by *Botrytis cinerea*. Study leader: Dr G. Holz.
63. **Smith, J. MScAgric. 1990.** Bacterial diseases of small grain crops in South Africa. Study leader: Prof M.J. Hattingh.
64. **Swart, A.E. MScAgric. 1990.** Alternaria rot of cold-stored table grapes: infection and latency of *Alternaria alternata*. Study leader: Dr G. Holz.
65. **Denman, S. MScAgric. 1991.** *Pythium* damping-off of lucerne in South Africa. Study leader: Prof P.S. Knox-Davies.
66. **Marasas, C.N. MSc. 1991.** Multiplasmids in *Pseudomonas syringae* pv. *morspronorum* race 1. Study leader: Prof M.J. Hattingh.
67. **Vivier, M.A. MSc. 1992.** Characterization of races of *Xanthomonas campestris* pv. *malvacearum* with SDS-PAGE and DNA restriction fragment analysis. Study leader: Prof M.J. Hattingh.
68. **Den Breëyen, A. M.Sc. 1993.** Histopathology of *Monilinia laxa* on plum fruits. Study leader: Dr C.L. Lennox.
69. **Louw, J.P.J. MScAgric. 1993.** The Pyrenophora net blotch disease complex of barley in South Africa. Study leader: Prof G. Holz.
70. **Fouché, W. MScAgric. 1994.** Studies on the etiology of a bacterial wilt disease of the water weed *Myriophyllum aquaticum*. Study leader: Dr M.J. Morris.
71. **Robbertse, B. MScAgric. 1994.** Pathogenicity, fungicide sensitivity and morphology of South African isolates of *Ramulispora herpotrichoides*. Study leader: Dr P.W. Crous.
72. **Victor, D. MSc. 1995.** Biotype characterization of species complexes within *Cylindrocladium* and *Cylindrocladiella*. Study leader: Prof P.W. Crous. (In collaboration with the Faculty of Natural Sciences).
73. **Fourie, P.H. MScAgric. 1996.** Resistance in *Botrytis cinerea* to dicarboximide fungicides. Study leader: Prof G. Holz.
74. **Uys, M.D.R. MScAgric. 1996.** The *Fusarium* root disease complex of tomato. Study leader: Prof G. Holz.
75. **Vermeulen, A.K. MScAgric. 1997.** *Phoma glomerata* endophytic on blackthorn (*Acacia mellifera* spp. *detinens*) in Namibia. Study leader: Prof G. Holz.
76. **Williamson, L. MSc. 1997.** Biocontrol of *Botrytis cinerea* of table grapes. Study leader: Prof G. Holz.
77. **Coertze, S. MScAgric. 1998.** The behaviour of *Botrytis cinerea* on grape berries under different epidemiological conditions. Study leader: Prof G. Holz.

78. **McLeod, A. MScAgric. 1998.** Characterization of *Phytophthora infestans* populations in South Africa. Study leader: Dr S. Denman.
79. **Ntushelo, K. MSAgric. 1998.** Comparative studies on genetic variability and fungicide resistance in *Tapesia yallundae*. Study leader: Prof P.W. Crous.
80. **Southwood, M.J. MScAgric. 1998.** Integrated disease control of powdery mildew on cucurbits. Study leader: Prof G. Holz.
81. **Van der Bank, J. MScAgric. 1998.** Characterization of the *Phaeosphaeria nodorum* and *Mycosphaerella graminicola* populations of wheat in South Africa. Study leader: Prof P.W. Crous.
82. **Halleen, F. MScAgric. 1999.** Resistance in *Oidium tuckeri* to triazole fungicides. Study leader: Prof G. Holz.
83. **Khoza, P.K. MSc. 1999.** Genetic diversity of *Xanthomonas campestris* pathovar *pruni* causing bacterial spot of stone fruit. Study leader: Dr E.L. Mansvelt.
84. **Serdani, M. MScAgric. 1999.** Pre- and postharvest colonization of apple fruit by fungi, with special reference to *Alternaria* species. Study leader: Prof P.W. Crous.
85. **Swart, L. MScAgric. 1999.** Pathogens associated with diseases of *Protea*, *Leucospermum* and *Leucadendron* spp. Study leader: Prof P.W. Crous.
86. **Mostert, L. MScAgric. 2000.** The characterization and control of *Phomopsis* cane and leaf spot on vine. Study leader: Prof P.W. Crous.
87. **Theron, M. MScAgric. 2000.** Characterization and control of *Phaeoemoniella chlamydospora* in grapevines. Study leader: Prof P.W. Crous.
88. **Gütschow, M. MScAgric. 2001.** Resistance to *Botrytis cinerea* in parts of a selected wine and table grape cultivar. Study leader: Prof G. Holz.
89. **Volkman, A.S. MScAgric. 2001.** Suppression of *Botrytis cinerea* by antagonists in living, moribund and dead grapevine tissue. Study leader: Prof G. Holz.
90. **Zondo, P.T. M.Sc. 2001.** An investigation of variability in aggressiveness of *Phytophthora cactorum* isolates used in screening for resistance in apple rootstocks. Study leader: Dr S. Denman.
91. **Botha, A. MScAgric. 2002.** A study on the etiology and epidemiology of black root rot of strawberries in the Western Cape. Study leader: Dr S. Denman.
92. **Du Preez, I.F. MScAgric. 2002.** Infections pathways of *Botrytis cinerea* on selected wine grape cultivars. Study leader: Prof G. Holz.
93. **Engelbrecht, R. MScAgric. 2002.** The role of the Mediterranean fruit fly, *Ceratitis capitata*, in *Botrytis* bunch rot on grape. Study leader: Prof G. Holz.
94. **Van Rooi, C. MScAgric. 2002.** Infection by dry, airborne *Botrytis cinerea* conidia and fungicide efficacy on different parts of grape bunches and vinelets. Study leader: Prof G. Holz.
95. **Lubbe, C.M. MScAgric. 2004.** Colletotrichum diseases of Proteaceae. Study leader: Dr S. Denman.
96. **Van Coller, G.J. MScAgric. 2004.** An investigation of soilborne fungi associated with roots and crowns of nursery grapevines. Study leader: Dr S. Denman.

97. **Van Niekerk, J.M. MScAgric. 2004.** Characterisation of pathogens associated with trunk diseases of grapevines. Study leader: Prof P.W. Crous.
98. **Van Schoor, J. MScAgric. 2004.** The ecology of *Botrytis cinerea* on grape in the Western Cape province. Study leader: Prof G. Holz.
99. **Brink, J-C. MScAgric. 2005.** Quantification of spray coverage on grape bunch parts and the incidence of *Botrytis cinerea*. Study leader: Dr P.H. Fourie.
100. **Retief, E. MScAgric. 2005.** Molecular detection of *Phaeoemoniella chlamydospora* in grapevine nurseries. Study leader: Dr P.H. Fourie.
101. **Spies, C.F.J. MScAgric. 2005.** The inoculum ecology of *Botrytis cinerea* in rooibos nurseries. Study leader: Prof G. Holz.
102. **Tesfai Tewoldemedhin, Y. MScAgric. 2005.** Characterisation of *Rhizoctonia* in cropping systems in the Western Cape province. Study leader: Dr S.C. Lamprecht.
103. **Pretorius, M.C. MScAgric. 2005.** Epidemiology and control of *Pseudocercospora angolensis* fruit and leaf spot disease on citrus in Zimbabwe. Study leader: Prof G. Holz.
104. **Bester, W. MScAgric. 2006.** Characterisation and management of trunk disease-causing pathogens on table grapevines. Study leader: Dr P.H. Fourie.
105. **Carstens, E. MScAgric. 2006.** Quarantine status of selected fungal pathogens on *Malus*, *Prunus* and *Vitis* species. Study leader: Prof P.W. Crous.
106. **McLean, T. MScAgric. 2007.** Reporter gene transformation of grapevine pathogens, *Phaeoemoniella chlamydospora* and *Phomopsis viticola*, and biocontrol agent, *Trichoderma harzianum*. Study leader: Dr A. McLeod.
107. **Koopman, T. MScAgric. 2007.** Genetic diversity in *Plasmopara viticola* in South Africa. Study leader: Dr A. McLeod.
108. **Ncube, E. MScAgric. 2008.** Mycotoxin levels in subsistence farming systems in South Africa. Study leader: Prof A. Viljoen.
109. **Kotze, C. MScAgric. 2008.** Biological control of grapevine trunk disease pathogens: pruning wound protection. Study leader: Dr P.H. Fourie.
110. **Van der Walt, L. MScAgric. 2009.** Characterization of mites and *Penicillium* species associated with apple core rot diseases. Study leader: Dr. A. McLeod.
111. **Van Zyl, SA. MScAgric. 2009.** The use of adjuvants to improve fungicide spray deposition on grapevine foliage. Study leader: Dr. P.H. Fourie.
112. **Cloete, M. MScAgric. 2010.** Pome fruit trees as alternative hosts of grapevine trunk disease pathogens. Study leader: Dr. L. Mostert.
113. **Mutawila, C. MScAgric. 2010.** Biological control of grapevine trunk diseases by *Trichoderma* pruning wound protection. Study leader: Dr. L. Mostert.
114. **Small, I.M. MScAgric. 2010.** Resistance in maize to *Fusarium verticillioides* and fumonisin. Study leader: Prof. A. Viljoen.
115. **Pule, B.B. MSc. 2010.** Population structure of *Phytophthora infestans* in selected central, eastern and southern African countries. Study leader: Dr A. McLeod.
116. **White, C-L. MSc. 2010.** The characterisation of the basidiomycetes and other fungi associated with esca of grapevines in South Africa. Study leader: Dr L. Mostert.

117. **Van Wyk, S.J.P. MScAgric. 2011.** Epidemiology and management of *Fusarium circinatum* in the Western Cape Province of South Africa. Study leader: Prof A. Viljoen.
118. **Bahramisharif, A. MScAgric. 2012.** *Pythium* species associated with rooibos, and the influence of management practices on disease development. Study leader: Dr A. McLeod en Dr. S.L. Lamprecht.
119. **Njombolwana, N. MScAgric. 2012.** Imazalil and wax application in citrus packhouses to inhibit green mould and preserve fruit quality. Study leader: Dr P.H. Fourie.
120. **Wessels, B. MScAgric. 2012.** Genetic characterization and fungicide resistance of *Botrytis cinerea* isolates from pear orchards and rooibos nurseries in South Africa. Study leader: Dr L. Mostert.
121. **Basson, E. MScAgric. December 2012.** Incidence and epidemiology of apple core rot in the Western Cape of South Africa. Study leader: Dr C.L. Lennox.
122. **Moyo, P. MScAgric. March 2013.** The role of arthropods in the dispersal of trunk disease pathogens associated with Petri disease and esca. Study leader: Dr L. Mostert.
123. **Daniel, C. MSc. April 2014.** The effect of garlic extracts on the control of postharvest pathogens and postharvest decay of apples. Study leader: Dr C.L. Lennox.
124. **Kellerman, M. MScAgric. April 2014.** Fungicide resistance and control of citrus green mould. Study leader: Dr P.H. Fourie.
125. **Kotze, L.J.D. MSc. April 2014.** Risk assessment of the *Acacia cyclops* dieback pathogen, *Pseudolagarobasidium acaciicola*, as a mycoherbicide in the South African strandveld and limestone fynbos. Study leader: Dr A. Wood.
126. **Makatini, G. MScAgric. April 2014.** The role of sucker wounds as portals for grapevine trunk pathogen infections. Study leader: Dr L. Mostert.
127. **Mouton, M. MSc. April 2014.** Resistance in South African maize inbred lines to the major ear rot diseases and associated mycotoxin contamination. Study leader: Prof A. Viljoen.
128. **Malan, S. MScAgric. December 2014.** ELISA detection of *Apple chlorotic leafspot virus* (ACLSV) and *Apple mosaic virus* (ApMV) in comparison to RT-PCR detection and the determination of genetic variation of these virus species in South Africa. Study leader: Prof D. Bellstedt and Dr L. Mostert.
129. **Van Zyl, K. MScAgric. March 2015.** Resistance in maize to infection and toxin production by *Fusarium verticillioides*. Study leaders: Prof A. Viljoen and Mrs L. Rose.
130. **Vermeulen, M. MScAgric. March 2015.** A host-pathogen study of *Fusarium verticillioides* in resistant and susceptible maize inbred lines. Study leaders: Mrs L. Rose and Prof A. Viljoen.

131. **Beukes, C.E. MSc. December 2015.** Pathogenicity and mycotoxin production of the *Fusarium graminearum* species complex in South African grains. Study leaders: Prof A. Viljoen and Ms. L. Rose.
132. **Rochefort, J. MSc. December 2015.** Epidemiology and etiology of *Neofabraea* species causing lenticel decay of pome fruit in the Western Cape of South Africa. Study leaders: Dr C.L. Lennox and Dr A. Den Breeÿen.
133. **Christie, C. MSc. March 2016.** Optimisation of postharvest drench application of fungicides on citrus fruit. Study leaders: Dr. A. Erasmus, Dr. P.H. Fourie and Dr. C.L. Lennox.
134. **Gokul, A. MSc. March 2016.** *Fusarium graminearum* species complex (FGSC) composition in South African wheat and maize grown in rotation. Study leaders: Ms. L. Rose and Prof. A. Viljoen.
135. **Ma, J. MSc. March 2016.** Phosphite sensitivity of *Phytophthora cinnamomi* and methods for quantifying phosphite from avocado roots. Study leader: Prof. Adele McLeod.
136. **Moein, S. MSc. March 2016.** Quantification of apple replant pathogens from roots, and their occurrence in irrigation water and nursery trees. Study leaders: Prof. Adele McLeod and Prof. Mark Mazzola.
137. **Rossouw, C. MSc. March 2016.** Mancozeb rainfastness and residue thresholds for control of *Venturia inaequalis*. Study leaders: Prof. Adele McLeod and Prof. P.H. Fourie.
138. **Havenga, M. MSc. March 2017.** Occurrence of canker and wood rot pathogens in young apple trees and possible sources of inoculum. Study leaders: Drr. L. Mostert and F. Halleen.
139. **Kleinhans, L. MSc. March 2017.** Characterization of onion post-harvest pathogens, and factors associated with post-harvest disease incidence, in the Koue Bokkeveld region of South Africa. Study leaders: Prof. A. McLeod and Me. S. Coertze.
140. **Mabuza, L. MSc. March 2017.** Monitoring Fusarium, Gibberella and Diplodia ear rots and associated mycotoxins in maize grown under different cropping systems. Study leaders: Dr. L.J. Rose, Dr. B. Janse van Rensburg and Prof. B.C. Flett.
141. **Netshifhefhe, N. MSc. March 2017.** Evaluation of maize breeding populations for resistance to *Fusarium verticillioides* and fumonisin contamination. Study leaders: Dr. L. Rose, Prof. A. Viljoen and Prof. B.C. Flett.
142. **Savage, C. MSc. March 2017.** Further optimisation of in-line aqueous application of imazalil to control citrus green mould caused by *Penicillium digitatum*. Study leaders: Dr. G.W. du Plooy, Dr. A. Erasmus, Prof. P.H. Fourie and Dr. C.L. Lennox.

143. **Schreuder, W. MSc. March 2017.** Singular and combined effect of postharvest treatments on viability and reproductive ability of *Phyllosticta citricarpa* infections. Study leaders: Dr. W. du Plooy, Dr. A. Erasmus, Prof. P.H. Fourie and Dr. C. Lennox.
144. **Sieberhagen, M. MSc. March 2017.** Determining the resistance or susceptibility of grapevine rootstocks used in South Africa towards fungal trunk disease pathogens. Study leaders: Drr. F. Halleen and L. Mostert.
145. **De Klerk, M. MSc. December 2017.** Diversity and detection of Kenyan and Nigerian populations of *Fusarium oxysporum* f.sp. *strigae*. Study leaders: Prof. A. Viljoen, Drr G. Mostert and F. Beed.
146. **Langenhoven, S.D. MSc. December 2017.** Detection and quantification of soilborne pathogens in grapevine nurseries. Study leaders: Dr. L. Mostert and Prof. F. Halleen.
147. **Cloete, B.P. MSc. March 2018.** Development of a fungicide resistance screening assay for the pome fruit pathogens *Botrytis cinerea* and *Venturia inaequalis*. Study leaders: Dr. C.L. Lennox and Dr. J.C. Meitz-Hopkins.
148. **Phokane, S. MSc. March 2018.** Mycotoxin contamination of maize and groundnut produced by subsistence farmers in northern KwaZulu-Natal. Study leaders: Dr L.J. Rose and Prof. B.C. Flett.
149. **Swart, L. MSc. March 2018.** Understanding citrus replant disease in South Africa with the aim of developing a methyl bromide free management strategy. Study leaders: Dr. J.M. van Niekerk and Prof. A. McLeod.
150. **Cassiem. A. MSc. March 2019.** Effect of phenolic compounds on maize ear rot pathogens and their associated mycotoxins. Study leaders: Dr. L.J. Rose and Prof. A. Viljoen.
151. **Jolliffe, J.B. MSc. March 2019.** Assessing *Phytophthora cinnamomi* seasonal root colonisation patterns and pathogen reponse to management practices (phosphonates and rootstock tolerance) in South African avocado orchards. Study leaders: Prof. A. McLeod and Prof. E. Dann.
152. **Links, S. MSc. March 2019.** Phenotypic, physico-chemical and genetic responses of maize associated with resistance to *Fusarium verticillioides*. Study leaders: Dr. L.J. Rose and Prof. A. Viljoen.
153. **Mamba, L.C. MSc. March 2019.** Propiconazole pre-packhouse drench application against citrus sour rot and green mould in South Africa. Study leaders: Dr. C.L. Lennox, Prof. P.H. Fourie, Dr. J. Meitz-Hopkins and Dr. W. Du Plooy.
154. **Masikane, S.L. MSc. March 2019.** *Phytophthora cinnamomi* quantification techniques, root phosphite concentrations and their response to phosphonate application in avocado. Study leader: Prof. A. McLeod.

155. **Matthews, M.C. MSc. March 2019.** The development of novel molecular diagnostic assays for *Fusarium oxysporum* f.sp. *cubense*. Study leaders: Prof. A. Viljoen, Dr. G. Mostert en Dr. L.J. Rose.
156. **Rebel, P. MSc. March 2019.** Optimizing pesticide spraying in high density apple orchards in South Africa, using *Venturia inaequalis* as model pathogen. Study leaders: Prof. A. McLeod, Mr. J.G. van Zyl and Mr. J.P.B. Wessels.
157. **Van der Merwe, R. MSc. March 2019.** Occurrence of canker and wood rot pathogens on stone fruit propagation material and nursery stone fruit trees. Study leaders: Prof. L. Mostert and Prof. F. Halleen.
158. **Van Jaarsveld, W.J. MSc. March 2019.** Investigation of *Trichoderma* species colonization of nursery grapevines for improved management of black foot disease. Study leaders: Prof. L. Mostert and Prof. F. Halleen.
159. **Van Wyk, T. MSc. March 2019.** The implementation and validation of reduced volume agrochemical applications in the South African citrus industry using novel technology. Study leaders: Dr. J.M. van Niekerk and Prof. P.H. Fourie.
160. **Russouw, A. MSc. December 2019.** Etiology and management of *Neofabraea* lenticel decay (bull's eye rot) of apples in the Western Cape of South Africa. Study leaders: Drr. C. Lennox and J.C. Meitz-Hopkins.
161. **Strydom, S. MSc. December 2019.** Pruning wound protection of rootstock mother vines. Study leaders: Proff. F. Halleen and L. Mostert.
162. **Ullah, S. MSc. December 2019.** The treatment of *Fusarium oxysporum* f.sp. *cubense* in soil and water. Study leaders: Prof. A. Viljoen and Dr. D. Mostert.

Hons's degrees (HonsBScAgric and HonsBSc)

1. Baard, S.W. HonsBScAgric. 1963
2. Combrink, M.G. HonsBScAgric. 1963
3. Schwabe, W.F.S. HonsBScAgric. 1963
4. Swart, J.P. HonsBScAgric. 1963
5. Van der Merwe, J.J.H. HonsBScAgric. 1966
6. De Jager, J.N.W. HonsBScAgric. 1971
7. Marais, P.G. HonsBScAgric. 1971
8. Van Jaarsveld, A.B. HonsBScAgric. 1971
9. Holtzhausen, M. HonsBScAgric. 1972
10. Holz, G. HonsBScAgric. 1972
11. Meyer, P.J. HonsBScAgric. 1972
12. Ferreira, J.H.S. HonsBScAgric. 1973
13. Siebert, V.Z. HonsBScAgric. 1973
14. Hugo, H.J. HonsBScAgric. 1975
15. Mataré, R. HonsBScAgric. 1975
16. Morris, M.J. HonsBSc. 1975
17. Schabort, E.J. HonsBScAgric. 1975
18. Thomas, A.C. HonsBSc. 1975

19. Le Roux, J. HonsBScAgric. 1976
20. Van der Walt, H.S. HonsBScAgric. 1977
21. McKenzie, D. HonsBSc. 1978
22. Pretorius, Z.A. HonsBScAgric. 1979
23. Ferreira, J.F. HonsBSc. 1980
24. Mansvelt, E.L. HonsBSc. 1980
25. Myburgh, L. HonsBSc. 1980
26. Du Plessis, A. HonsBScAgric. 1980
27. Von Maltitz, P.M. HonsBScAgric. 1980
28. Bekker, S.C. HonsBScAgric. 1981
29. Lombard, P.A. HonsBSc. 1981
30. Benic, L.M. HonsBSc. 1981
31. Fourie, J.F. HonsBScAgric. 1982
32. Schumann, C.S. HonsBScAgric. 1982
33. Engelbrecht, M.C. HonsBSc. 1982
34. Koch, S.H. HonsBSc. 1982
35. Smit, W.A. HonsBSc. 1982
36. Eygelaar, W. HonsBSc. 1983.
37. Goodman, C.A. HonsBSc. 1983
38. Bester, F.C.J. HonsBScAgric. 1984
39. De Kock, P.J. HonsBScAgric. 1984
40. Human, C. HonsBScAgric. 1984.
41. Van Vuuren, H.E. HonsBScAgric. 1984
42. Jonker, J.P. HonsBSc. 1984
43. Hurter, C.W. HonsBScAgric. 1985
44. Odendal, E.J.H. HonsBScAgric. 1985
45. Schreuder, W. HonsBScAgric. 1985
46. Van der Merwe, A.E. HonsBScAgric. 1985
47. Serfontein, J.J. HonsBScAgric. 1985
48. Wiid, J.L. HonsBSc. 1985
49. Kruger, S.L. HonsBScAgric. 1986
50. Malan, D.E. HonsBScAgric. 1986
51. Orffer, S. HonsBScAgric. 1986
52. Smith, J. HonsBScAgric. 1986
53. Mostert, S. HonsBSc. 1986
54. Joubert, M.H. HonsBScAgric. 1988
55. Marasas, C.N. HonsBSc. 1988
56. Ryan, P.M. HonsBSc. 1991
57. Louw, J.P.J. HonsBScAgric. 1991
58. Den Breeÿen, A. HonsBSc. 1991
59. Smit, A.P. HonsBScAgric. 1991
60. Fouché, W. HonsBScAgric. 1991
61. Robbertse, B. HonsBScAgric. 1992
62. Fourie, P.H. HonsBScAgric. 1993
63. Vermeulen, A.K. HonsBScAgric. 1993
64. Visser, S. HonsBScAgric. 1994
65. Swart, L. HonsBScAgric. 1997
66. Van Kralingen, H. HonsBScAgric. 2001
67. Du Preez, M. HonsBScAgric. 2007
68. Buhlungu, Z. HonsBScAgric. 2008

69. Botha, R. HonsBScAgric. 2009
70. Njombolwana, N. HonsBScAgric. 2009
71. Van der Merwe, M. HonsBScAgric. 2009
71. Gagliano, E. HonsBScAgric. 2010
72. Moyo, P. HonsBScAgric. 2010
73. Beukes, I. HonsBScAgric. 2012
74. Rochefort, J. HonsBScAgric. 2012
75. Langenhoven, S. HonsBScAgric. 2013
76. Netshifhefhe, N. HonsBSc. 2014
77. Cassiem, A. HonsBSc. 2015
78. Nkwanyana, P. HonsBSc. 2015
79. Van Jaarsveld, W. HonsBSc. 2015
80. Arnold, F. HonsBSc. 2016
81. Mamba, L. HonsBSc. 2016
82. Van der Merwe, K. HonsBSc. 2016
83. De Villiers, D. HonsBSc. 2017
84. Gatsi, G. HonsBSc. 2017
85. Hendricks, A. HonsBSc. 2017
86. Masikane, S.L. HonsBSc. 2017
87. Russouw, A. HonsBSc. 2017
88. Van der Merwe, E. HonsBSc. 2017
89. Zulu, S.N. HonsBSc. 2017
90. Carelse, G. HonsBSc. 2018
91. Froneman, E. HonsBSc. 2018
92. Jacobs, C.M. HonsBSc. 2018
93. Magwebu, S. HonsBSc. 2018
94. Marais, J. HonsBSc. 2018
95. Reens, S.V. HonsBSc. 2018
96. Schreuder, H.M. HonsBSc. 2018
97. Bishop, R. HonsBSc. 2019
98. Carter, K. HonsBSc. 2019
99. Lombard, P.H. HonsBSc. 2019
100. Van der Westhuyzen, J. HonsBSc. 2019
100. Jacobs, V. HonsBSc. 2020.