



HORTOLOGIE HORTICULTURAL SCIENCE

NAGRAADS • 2022 • POSTGRADUATE

PhD

Prince Dangare



Developing a decision support system for estimating the water use and water use efficiency of irrigated crops in the Inkomati- Usuthu Water Management Area

Anel Botes



Fundamental research into the development of external and internal browning of white seedless table grapes.

Regina Cronje



Physiological and molecular studies of flower induction in Litchi chinensis Sonn. cv 'Mauritius' as affected by the plant growth regulator ethephon and climatic factors.

Monja Gerber



Long term storage techniques in the suppression of superficial scald of Granny Smith apples.

Pippa Karsen



Rooting of honeybush cuttings and functional responses to transplant shock in cultivation.

Tatenda Kawhena



Formulation and application of edible coatings to maintain quality and extend shelf life of whole and minimally processed pomegranate fruit.

Edward Lulane



Quantifying the water productivity and water savings of apple orchards under fixed and draped nets.

Lindsay Muchena



Sensitivity of various apple rootstocks to water stress.

Janene Strydom



Response of table grape cultivars Crimson Seedless and Italia (Vitis vinifera L.) to different water regimes and overhead plastic covering: Grape quality from vineyard to shelf.

Neels Volschenk



Impact of vineyard row orientation and deficit irrigation on grapevine physiology, growth and wine quality of Vitis vinifera L. cv. Shiraz.

MScAgric

Carla Cronje



The influence of arbuscular mycorrhizal fungi on the uptake of boron in young avocado trees

Ineke de Jongh



Cripps' Pink fruit quality as affected by pre-harvest temperature and long-term storage.

Charlize Dippenaar



Improving crop load and fruit quality in deciduous fruit using plant growth regulators.

Liza-Mari Dippenaar



Determining pre-harvest inception stage of mealiness in 'Forelle' pear, and exploring induction factors and prevention.

Tristan Dorfling



Budbreak and tree architecture as indicators for adaptability in young apple trees.

Theobald Du Toit



Improving yield in avocado in the Western Cape.

Cara du Toit



Genotype and environment interaction as an indication of adaptability in young apple trees.

Aldo Horne



The effect of Regalis application on regrowth, crop load and yield alternation in 'Fuji' apple.

Siphumle Jama



Rethinking plastic packaging, alternatives to plastic packaging in the fresh fruit supply chain.

Stephan Jordaan



Quantifying the influence of protective netting on bud quality, flowering, fruit set and fruit quality in two apple cultivars.

Anika Kock



Budbreak and tree architecture as indicators for adaptability in young plum trees.

Anmari Krieglner



Investigating the effect of step-wise cooling on internal browning in 'Fuji' apple.

Jason Ladegourdie



Understanding soft scald development in apples.

Roche Malan



Determining the seasonal root growth pattern and carbohydrate allocation in macadamia trees.

Susan Mostert



Optimise 2,4-D applications and investigate alternatives for calyx retention.

Braam Mouton



Long term controlled atmosphere storage techniques on 'Granny Smith' apples.

George Nel



Measurement and modelling of water use and yield of mango orchards in IUCMA.

Buhle Ngindi



Stability of Productivity and Fruit Quality Traits of Fuji Apples on Different Apple Rootstocks.

Jade North



Studies on chilling injury of citrus fruit.

Asanele Same



Moisture loss studies in pears.

Annaline Smith



Bract Browning in selected Protea cultivars.

Portia Solomon



Genotype and environment interaction as an indication of adaptability in young plum trees.

Juan Steyn



Investigating plant growth dynamics of selected Southern highbush blueberry (V. corymbosum L. interspecific hybrids) cultivars under South African growing conditions.

Karel Vahrmeijer



Genotype and environment interaction as an indication of adaptability in young cherry trees.

Chad van Wyk



Budbreak and tree architecture as indicators for adaptability in young cherry trees.

Heleen Van Zyl



Postharvest biology of Leucadendron and Leucospermum cultivars under cold storage.

Leo Wilken



Water Use and Productivity of Indigenous Fruit Trees Matching Species with Sites.

BScHons

Andrea September



Vase life extension of early season 'Arctic Ice'