# 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 ethepon 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



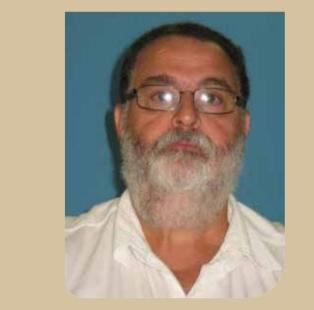
Sensitivity of various apple rootstocks to water stress.

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 shelve.

#### Neels Volschenk



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



Liza-Mari Dippenaar

#### Carla Cronje



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



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

#### Charlize Dippenaar



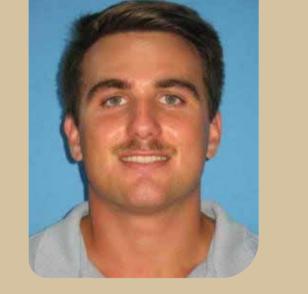
Determining pre-harvest inception stage of mealiness in 'Forelle' pear, and exploring induction factors and prevention.

#### 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 Horpo

Stophan Jordaan

quality in deciduous fruit using plant

growth regulators.

Anmari Kriadlar

lacon Ladogourdia

Docho Malan

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Portia Solomon	Juan Steyn	Karel Vahrmeijer	Chad van Wyk	Heleen Van Zyl	Leo Wilken	BSCHONS Andrea September





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

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



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



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Postharvest biology of Leucadendron and Leucospermum cultivars under cold storage.



Indigenous Fruit Trees Matching

Species with Sites.

Vase life extension of early season

'Arctic Ice'