

HORTGRO

Growing Fruit IQ

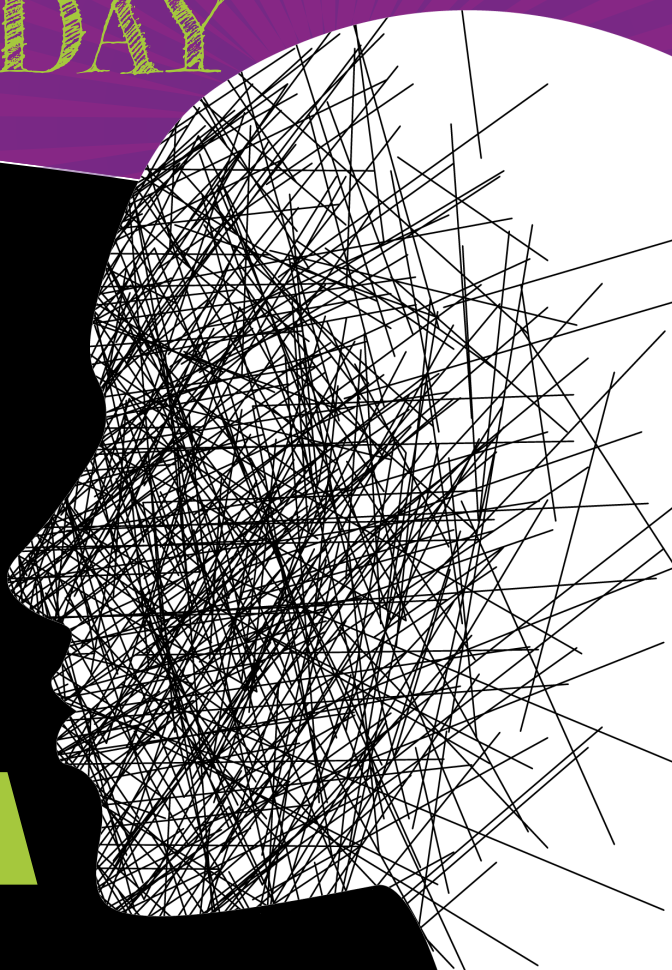


Hortgro Technical Symposium

**FUTURE
THINKING
TODAY**

**6 - 10 June
2022**

**Lord Charles Hotel
Somerset West**



BUSINESS / STRATEGY DAY

MONDAY, 6 JUNE 2022

07:50 - 08:25	REGISTRATION
---------------	--------------

SESSION ONE - Tough minded but a soft touch

CHAIR: Nic Dicey, Hortgro chairperson

THIS SESSION IS SPONSORED BY:



08:25 - 08:30	Welcome
08:30 - 08:45	Opening Minister Ivan Meyer, WCDA
08:45 - 09:45	From Para to Dakar Joey Evans, Sportsman, Adventurer & Inspirational Speaker
09:45 - 10:30	Fulfilling South African agriculture's potential through shared humanity Prof Thuli Madonsela, the Law Faculty Trust Chair in Social Justice, Faculty of Law, Stellenbosch University
10:30 - 10:40	Questions
10:40 - 11:00	TEA

SESSION TWO - Future thinking

CHAIR: Dr Ilse Trautmann, DDG of Agricultural research & Regulatory services, WCDoA

THIS SESSION IS SPONSORED BY:



11:00 - 11:30	Agriculture's role in the SA economic growth agenda Wandile Sihlobo, Agbiz
11:30 - 12:00	SA political and economic outlook - impacting on agriculture Prof William Gumede, School of Governance at the University of the Witwatersrand

12:00 - 12:30	Hortgro foresight study Tanja Hichert, Hichert & Associates
12:30 - 12:50	Industry's plan going forward Anton Rabe, Hortgro
12:50 - 13:00	Questions
13:00 - 13:40	LUNCH



SESSION THREE - Sustainability

CHAIR: Angelo Petersen, Hortgro Director

13:40 - 14:00	Sustainable model for agricultural research and education Prof Danie Brink, Stellenbosch University
14:00 - 14:20	EU Green Deal and Farm-2-Fork strategy Paul Hardman, Citrus Growers Association
14:20 - 14:40	Stumbling blocks in the move towards organic food production in South Africa with specific reference to temperate fruit production Hein Coetzee, Topfruit
14:40 - 15:10	Presentation about ports – title to be confirmed Dr Andrew Shaw, Transnet
15:10 - 15:20	Questions
15:20 - 15:40	TEA

SESSION FOUR - Technology and resource management

CHAIR: Hugh Campbell, GM: Hortgro Technical

15:40 - 16:10	Projections and interpretation of future climate change for the deciduous fruit industry Prof Stephanie Midgley, WCDA
16:10 - 16:30	TerraClim, climate and terrain tool that offers decision-making support to pome-fruit growers Dr Tara Southey, Centre for Geographical Analysis
16:30 - 16:50	Optimal development and sustainable management of groundwater resources Julian Conrad, GEOSS
16:50 - 17:00	QUESTIONS AND CLOSE

POME FRUIT DAY

TUESDAY, 7 JUNE 2022

THIS DAY IS SPONSORED BY:

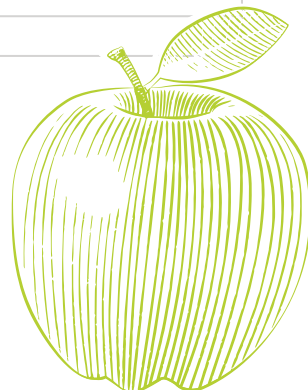


08:30 - 09:00	REGISTRATION
---------------	--------------

SESSION ONE - Pome fruit economics

CHAIR: Stephen Rabe, Hortgro Science chairperson

09:00 - 09:10	Welcome
09:10 - 09:30	Who's going to eat SA apples in the future? Dr Nigel Cook, Innovapome (Pty) Ltd
09:30 - 09:50	Cost-income realities and where to focus to escape the squeeze Graeme Krige, Fruitmax Agri
09:50 - 10:10	Taking apple production from rags to riches, avoid leaving money on the table, and reducing a dime a dozen Willie Kotze, Dutoit Agri
10:10 - 10:40	200t/ha – Using physiology to transform yields Dr Ken Breen, The New Zealand Institute for Plant and Food Research, New Zealand
10:40 - 10:50	Questions
10:50 - 11:20	TEA



SESSION TWO - Orchard technology and sustainability

CHAIR: Calla du Toit, Tru-Cape

THIS SESSION IS SPONSORED BY:



Gas At Site

11:20 - 11:50	The Smart Orchard 2.0 Prof Lee Kalcsits, Washington State University, USA
11:50 - 12:30	Panel discussion - Cover crops and orchard floor management Prof Wiehann Steyn, Hortgro (Chair) Matthew Addison, Hortgro Daan Brink, Fruitmax Agri Keith Bradley, Fruitways Agri Services Ian Cunningham, Fine Farms Hendrik Pohl, ZZ2
12:30 - 13:00	How growers in Washington State are using protective nets to improve fruit quality Prof Lee Kalcsits, Washington State University, USA
13:00 - 13:10	Questions
13:10 - 13:50	LUNCH

SESSION THREE - Crop protection

CHAIR: Dr Minette Karsten, Hortgro

THIS SESSION IS SPONSORED BY:

AgroFresh

We Grow Confidence™

13:50 - 14:10	Best practice IPM strategy Dr Gideon van Zyl, ProCrop
14:10 - 14:30	The power of monitoring data - analysis of long term codling moth data Dr Francois Gulu Bekker, Real IPM
14:30 - 14:50	Characterisation of the association of apple stem pitting virus (ASPV) with pear stony pit disease Dr Rachelle Bester, CRI
14:50 - 15:10	Meeting the challenges in postharvest disease management of deciduous fruit Dr Cheryl Lennox, Stellenbosch University

15:10 - 15:20	Questions
15:20 - 15:40	TEA

SESSION FOUR - Rootstocks and orchard design

CHAIR: Prof Em. Karen Theron, Department of Horticultural Science, SU

15:40 - 16:10	Changing the perspective of apple culture in Brazil with the Geneva® series rootstocks. Prof Leo Rufato, Santa Catarina University, Brazil	
16:10 - 16:40	Orchard system design and canopy management to optimize fruit quality Prof Stefano Musacchi, Washington State University, USA	
16:40 - 16:50	QUESTIONS AND CLOSE	



STONE FRUIT DAY

WEDNESDAY, 8 JUNE 2022

08:30 - 09:00	REGISTRATION
---------------	--------------

SESSION ONE - Stone fruit economics

CHAIR: André Smit, Hortgro director

09:00 - 09:10	Welcome	
09:10 - 09:30	The principles of profitability in the stone fruit industry Pietman Wessels, Frudata	
09:30 - 09:50	Calculating the projected profits for an orchard planted to different rootstocks Marno van der Westhuizen, Hortgro	
09:50 - 10:35	Panel discussion: Plums, Que Vadis? Jacques du Preez, Hortgro (Chair) Pietman Wessels, Frudata Karin van Rensburg, In2Stone Annelie Haumann / Christine Hanekom, Stems Fruit Hubert Leclercq, RuBisCo	
10:35 - 10:45	Questions	
10:45 - 11:15	TEA	

SESSION TWO - Market access and crop protection

CHAIR: Lindi Benic, Hortgro

THIS SESSION IS SPONSORED BY:



11:15 - 11:35	Phytosanitary requirements and its impact on markets & market access Jacques du Preez, Hortgro	
11:35 - 11:55	Managing new and emerging pest in a changing world: the fruit fly paradigm in Europe Prof Nikos Papadopoulos, University of Thessaly, Greece	
11:55 - 12:15	Phytosanitary risk management using a systems approach Dr Aruna Manrakhan, CRI	
12:15 - 12:35	Grain chinch bug control and zero tolerance – can we get there? Dr Shelley Johnson, Hortgro	
12:35 - 12:55	Latest research results on polyphagous shot-hole borer Prof Francois Roets, Stellenbosch University	
12:55 - 13:05	Questions	
13:05 - 13:50	LUNCH	

SESSION THREE - Plant material health and quality

CHAIR: Petru du Plessis, Horticultural advisor

THIS SESSION IS SPONSORED BY:



13:50 - 14:10	Clean plant material – can it be achieved and how? Hugh Campbell, Hortgro	
14:10 - 14:30	The California nursery evolution Bareroot to container: The role of tissue culture John Driver, Sierra Gold Nurseries, USA	
14:30 - 14:50	Establishing the cause and development of a detection assay for marbling and corky flesh in plums Prof Hano Maree and Dr Rachele Bester, CRI	

14:50 - 15:10	Relevance of canker and wood rot pathogens on stone fruit propagation material and nursery trees Prof Lizel Mostert, Stellenbosch University
15:10 - 15:30	Nematode resistance of stone fruit rootstocks and cover crops in South Africa Dr Rinus Knoetze, ARC
15:30 - 15:40	Questions
15:40 - 16:10	TEA

SESSION FOUR - *Post-harvest disease and defect management*

CHAIR: Karin van Rensburg, In2Stone

16:10 - 16:30	PHYLA: under development Dr Renate Smit and Dr Shelley Johnson, Hortgro
16:30 - 16:50	Detection of internal heat damage and identification of techniques to prevent the expression of the disorder in plums Handré Vijoën, Experico
16:50 - 17:00	QUESTIONS & CLOSE

STONE FRUIT FIELD DAY

ELGIN / GRABOUW
THURSDAY, 9 JUNE 2022

THIS DAY IS SPONSORED BY:



08:00 - 08:30	REGISTRATION, Elgin Railway Market
08:30 - 08:35	Welcoming Prof Wiehann Steyn, Hortgro
08:35 - 08:45	Introduction Angelique Pretorius, Kromco
08:45 - 09:00	Field day arrangements Angelique Pretorius, Kromco

09:00 - 13:00	Four groups rotating between the following sites: 1) Elgin Orchards: 2nd leaf bearing orchard, Cripps Red on tissue culture CG.778 - Dr Nigel Cook, Prophyta 2) Oak Valley: 1st leaf, dual leader Granny Smith on CG.778 with fixed net structure - Graeme Krige, Fruitmax Agri 3) Glenfruin: 4th leaf, Bigbucks on M9 (Nic29) – container-grown nursery trees - Angelique Pretorius, Kromco 4) De Rust: 2nd leaf bearing orchards from 'well-feathered' nursery trees, Lady in Red on CG.778 - Piet Nieuwoudt, Fruit Tree Services
----------------------	--

STONE FRUIT FIELD DAY



SIMONDIUM
FRIDAY, 10 JUNE 2022

THIS DAY IS SPONSORED BY:



08:30 - 09:00	REGISTRATION, The Grootzaal at Allee Bleue
09:00 - 09:10	Opening Charl Stander, Freshness First
09:10 - 10:30	Workshop The following topics will be discussed: 1) Best production practices for Ruby Sun plums 2) Site specific rootstock choice 3) How to use nets to your advantage Presenters/ panel members: Charl Stander, Freshness First Gielie Bester, In2Stone Pierre Rossouw, Stems Fruit Petru du Plessis, private consultant Thomas Bahl, Lindenhof Farm
10:30 - 13:00	Orchard visits (weather depending)
13:00	Closing