

Landbou weekblad 100 JAAR

BLWK - CAVC

Western Cape Government Agriculture

WEBINAAR - STIKSTOF- EN KOOLSTOFBESTUUR

Bewaringslandbou Wes-Kaap se Jack Human-bewaringslandbouweek

Dinsdag 4 Augustus 2020
Aanlyn op Crowdcast

Atlantic FERTILISERS

AGT OVER CROPS & FORAGES

PROGRAM

LESINGSDAG

Verwelkoming – MG Lötter, BLWK-voorsitter (5 minute)

Inleiding – Chris Burgess, *Landbouweekblad*-redakteur (5 minute)

Sessie 1 – Koolstof en stikstof

- Hoekom koop indien jy dit kan kweek? – Neil Ballard, Global Pasture Consultants, Wes-Australië (50 minute)
- Die boer en koolstof – Dr. Elmarie Kotze, Universiteit van die Vrystaat (30 minute)

Sessie 2 – Praktiese stikstofbestuur

Bespreking – Cobus Bester, CD du Toit, Roelie Steyn en dr. Johann Labuschagne (80 minute)

Sessie 3 – Kanola-siektes

Inleiding oor sclerotinia – Dr. Sarita Bennett, Curtin-universiteit, Wes-Australië (30 minute)

Sessie 4 – Grondbiologie

- Die rol van diverse gronddiere om gesonde en veerkragtige grond te verseker – Dr. Charlene Janion, Universiteit van Kaapstad (30 minute)
- Die dinamika van geleedpotige organismes binne jaarlikse wisselboustelsels in die Wes-Kaap – Amandrie Louw, MSc-student, Universiteit van Stellenbosch (30 minute)

Sessie 5 – Ekonomie

Die finansiële gevolge van bewaringslandbou – Casper Nell, Overberg Agri, Bredasdorp (40 minute)

Sessie 6 – Dekgewasse

- Dekgewasse en boorde – Matthew Addison, Hortgro Science en Universiteit van Stellenbosch (20 minute)
- My ervaring van dekgewasbeweiding – Eric Louw, produsent van Moorreesburg (20 minute)

PRAKTIESE SESSIES

(Opnames word gemaak op die navorsingsplase Langgewens en Tygerhoek.)

- Herlewingslandbouproewe – Lisa Smorenburg en dr. Johann Strauss, Direkoraat Plantwetenskappe, Wes-Kaap (30 minute)

- Die effek van residu-tipe en enkel-skyfplanters teenoor dubbel-skyfplanters op die produksie van koring, gars en kanola – Nicola Kotze, MSc-student, Universiteit van Stellenbosch (20 minute)
- Wisselbou en dekgewasnavorsing – Dr. Johann Strauss en Rens Smit, Direkoraat Plantwetenskappe, Wes-Kaap | Charne Viljoen, Universiteit van Stellenbosch | Jaco Engelbrecht, Nelson Mandela-universiteit (40 minute)
- Die effek van saaidigtheid en stikstofpeile op poeieragtige meeldou (witroes) van koring – Dr. Gert van Colter, Direkoraat Plantwetenskappe, Wes-Kaap (20 minute)
- Plantdigtheid en die toedieningskaal van stikstof wat betref koringproduksie in die Swartland en die Ruêns in die Wes-Kaap – Karlo van Blerk en dr. Johann Labuschagne, Universiteit van Stellenbosch en Direkoraat Plantwetenskappe, Wes-Kaap (20 minute)
- Strategiese grondbewerking en bewaringslandbou – Flackson Tsuma, Universiteit van Stellenbosch (20 minute)

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bkw - cawc

Western Cape Government
Agriculture

WEBINAR - NITROGEN AND CARBON MANAGEMENT

Conservation Agriculture Western Cape's
Jack Human Conservation Agricultural Week

Atlantic FERTILISERS
Smartly go on reason

Tuesday 4 August 2020
Online on Crowdcast

AGT
COVER CROPS & FORAGES

PROGRAMME

PRESENTATION DAY

Welcome – MG Lötter, chairman of CAWC (5 minutes)

Introduction – Chris Burgess, editor of *Landbouweekblad* (5 minutes)

Session 1 – Carbon and nitrogen

- Why buy it if you can grow it? – Neil Ballard, Global Pasture Consultants, Western Australia (50 minutes)
- Carbon and the farmer – Dr Elmarie Kotze, University of the Free State (30 minutes)

Session 2 – Practical nitrogen management

Discussion – Cobus Bester, CD du Toit, Roelie Steyn and Dr Johann Labuschagne (80 minutes)

Session 3 – Canola diseases

Introduction on sclerotinia – Dr Sarita Bennett, Curtin University, Western Australia (30 minutes)

Session 4 – Soil biology

- The role of soil animal diversity to produce healthy and resilient soil – Dr Charlene Janion, University of Cape Town (30 minutes)
- Arthropod dynamics within annual crop rotations in the Western Cape – Amandrie Louw, MSc student, University of Stellenbosch (30 minutes)

Session 5 – Economics

The financial implications of conservation agriculture – Casper Nell, Overberg Agri, Bredasdorp
(40 minutes)

Session 6 – Cover crops

- Cover crops and orchards – Matthew Addison, Hortgro Science and University of Stellenbosch (20 minutes)
- My experience of cover crop grazing – Eric Louw, producer from Moorreesburg (20 minutes)

PRACTICAL SESSIONS

(Recordings will be made on the research farms Langgewens and Tygerhoek.)

- Regenerative agriculture trials – Lisa Smorenburg and Dr Johann Strauss, Directorate Plant Sciences, Western Cape (30 minutes)
- The effect of residue type and single vs. double disc drills on wheat, barley and canola production research – Nicola Kotze, MSc student, University of Stellenbosch (20 minutes)
- Crop rotation and cover crop – Dr Johann Strauss and Rens Smit, Directorate Plant Sciences, Western Cape | Charne Viljoen, University of Stellenbosch | Jaco Engelbrecht, Nelson Mandela University (40 minutes)
- The effect of plant density and nitrogen levels on powdery mildew (white rust) on wheat – Dr Gert van Coller, Directorate Plant Sciences, Western Cape (20 minutes)
- Plant densities and nitrogen application rate for wheat production in the Swartland and Ruëns of the Western Cape – Karlo van Blerk and Dr Johann Labuschagne, University of Stellenbosch and Directorate Plant Sciences, Western Cape (20 minutes)
- Strategic tillage and conservation agriculture – Flackson Tsuma, University of Stellenbosch (20 minutes)

KAARTJIES EN INLIGTING | TICKETS AND INFORMATION

<https://www.quicket.co.za/events/106063-blwk-jack-human-bewaringslandbouweek-cawc-jack-human-conservation-agriculture-w/?preview=t#/>

