

Netværk for klimaklog og bæredygtig Væksthusproduktion

The future for peat and alternatives to peat in greenhouse horticulture

Tuesday 18th of May

12.00 – 16.30

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Time	Program	Speaker
12.00 - 12.15	Welcome and introduction	Inge Ulsted, HortiAdvice
12.15 - 12.45	BioSubstrate – finding alternatives to peat	Post doc Thayna Mendanha, Aarhus University
12.45 – 13.15	Biochar in Horticulture – History, context and experiments 2005 - present	Chris Blok, Wageningen University
13.15 - 14.00	Raw material transition in growing media requires a holistic view	Hein Boon, RHP – quality of growing matters
14.00 - 14.15	Short Break	
14.15 - 15.00	Pros and cons with wood fibers as growing media	Prof Brian Jackson, University of North Carolina
15.00 -16.00 (15 min each)	Development of future sustainable solutions - Pindstrup - Jiffy Group - Floragard - Dutch Plantin	Sven Erik Lanng (Miguel Meneses) Winfried Temming Wim Roosen
16.00– 16.30	Questions and discussion Next meeting	Katrine Heinsvig Kjær HortiAdvice

Speakers:**Background:****Contact:**

Thayna Mendanha,
Post doc.

Phd. Student from Aarhus University, and currently working as a post doc. on the project 'Biosubstrate' screening of plant growing properties in different growing media.

Aarhus University, Institute of Food Science
tm@food.au.dk

Chris Blok
MSc.

Thirty years of professional research on soilless cultivation in the greenhouse horticulture with papers, scientific articles and patents on growing media and irrigation technology. Present focus on innovation with (conglomerates of) private companies for recirculation of nutrients (ion specific control); resilient growing (enhancing functional groups); circular fertilisers (including organic fertilisers) and circular growing media. Specialties: Rooting media quality measurements, method development, propagation, irrigation and fertigation strategies.

Wageningen University and Research, Business Unit Greenhouse Horticulture
Chris.blok@wur.nl

Brian Jackson
Ass. Prof.

My research appointment focuses on the development (engineering, construction, analysis, and characterization) of traditional and new substrates/potting soils for horticultural crop production. The home of the Substrate Science program is found in the Horticultural Substrates Laboratory here at NCSU. Started in the 1980's by a group of floriculture and nursery horticulture faculty, it continues today working to solve problems and create opportunities for the horticultural industry

North Carolina State University, Horticultural Science.
brian_jackson@ncsu.edu

Hein Boon

Director of RHP, a knowledge center in the field of substrates and soil improving materials. RHP is certified by the Dutch accreditation council.

RHP, The Netherlands
boon@rhp.nl

Svend Erik Lanng

Senior Technical Advisor at Pindstrup Mosebrug A/S, - working with rootzone related issues since 1995. I have a broad strategical, technical as well as commercial knowledge and insight on growing medias.

Pindstrup, Denmark
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Miguel Meneses

Product Manager Substrates.

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