

Organic pig production research seminar, 13th June 2018

Pig health and welfare in eco-efficient organic systems

Get the latest knowledge on how to reduce piglet mortality, improve health and welfare for weaning piglets and growing-finishing pigs, at the same time reducing the environmental impact. Knowledge gaps and research needs will be discussed at the end of the day.

9.30		Registration and coffee
10.00 - 10.15	Introduction	Chairman <i>John Hermansen</i> , Senior Researcher, Aarhus University Organic values and aims set the scene for research in organic pig production, <i>Anne Grete Kongsted</i> , Senior Researcher, Aarhus University. <ul style="list-style-type: none"> • How are the organic principles and values reflected in the Danish organic pig practice • Important challenges in current organic pig production related to organic aims and values
10.15	Sows and piglets	Early piglet mortality in organic sow herds <ul style="list-style-type: none"> • Risk factors for early piglet mortality, <i>Lena Rangstrup-Christensen</i>, Ph.D. Aarhus University • Seasonality in hormones controlling lactation in pigs, Professor <i>Olli Peltoniemi</i>, University of Helsinki, Finland • Piglet mortality and the course of farrowing: The effect of temperature, <i>Sarah-Lina Aa. Schild</i> Ph.D. student, Aarhus University • Maternal characteristics in two genetic sow lines, <i>Lene Juul Pedersen</i>, Senior Researcher, Aarhus University • Discussion
11.15	Weaning	Improved health and welfare of weaned piglets <ul style="list-style-type: none"> • Strategies for prevention of post-weaning diarrhoea, <i>Nuria Canibe</i>, Senior Researcher, Aarhus University • Ten weeks of lactation in organic piglet production – A case-study, <i>Anne Grete Kongsted</i>, Senior researcher, Aarhus University and <i>Bertel Hestbjerg</i>, Pig Producer, Hestbjerg Økologi ApS

		<ul style="list-style-type: none"> • Use of antibacterial plants to reduce diarrhea in weaning piglets, <i>Martin Jensen</i>, Senior Researcher, Aarhus University and <i>Nuria Canibe</i>, Senior Researcher, Aarhus University • Discussion
12.15	Lunch	
13.00	Finishers	<p>Improved pen hygiene and animal welfare in housing systems for growing-finishing pigs</p> <ul style="list-style-type: none"> • Danish case-studies on environmental enriched outdoor runs for growing-finishing pigs, <i>Rikke Thomsen</i>, project manager, Center of Development for Outdoor Livestock Production and <i>Lisbeth Brogaard Petersen</i>, Chief Scientist, SEGES, Pig Research Centre. • Clean pens? Let the pigs do the work, <i>Herman Vermeer</i>, Senior Researcher, Animal Health & Welfare, Wageningen Livestock Research • Discussion
13.45	Climate and environment	<p>Is it possible to improve animal welfare without increasing the environmental footprints?</p> <ul style="list-style-type: none"> • Environmental footprint of outdoor pig production – experiences from UK, Prof. <i>Christine Watson</i>, Scotland's Rural College (SRUC). • Integrated production of piglets and tree biomass – Elimination behaviour and N load in pasture based systems with and without access to poplar (<i>Populus sp.</i>) trees, <i>Malene Jakobsen</i>, Ph.D. student, Aarhus University. • Environmental footprints of innovations to improve animal welfare, <i>Heidi Mai-Lis Andersen</i>, academic employee, Aarhus University, and PhD student <i>Teodora Dorca-Preda</i>, Aarhus University. • Discussion
14.45	Coffee	Bring coffee with you
15.00 - 16.00	Research needs	<p>Group discussions on knowledge gaps and research needs</p> <ul style="list-style-type: none"> • <u>Introduction</u> to group discussions: Identification of knowledge gaps and research needs concerning organic pig production, Senior Researcher, <i>John E. Hermansen</i>, Aarhus University. • Group discussions
16.00 - 16.30	Organic pig production in a broader view	<p>Wrapping up the day - knowledge gaps and research needs, Professor <i>Sandra Edwards</i>, Newcastle University</p> <p>Organic pig production year 2030, Professor <i>Sandra Edwards</i>, Newcastle University</p>