



## Program

# Online Masterclass Pig



### Wageningen University & Research

**Start Date:** 1 March 2022

**Duration & study load:** 80 hours in 3 month program

**Location:** Online

**Cost:** Free

**Target group:** Chinese MSc and PhD students who study animal science or agriculture

**Sponsor:** Da Bei Nong Group



## Lecturers

**Robert Hoste**, Senior Pig Production Economist, Wageningen Institute of Economics, Course Leader

**Mariël Benus**, Swine and Poultry, Wageningen Institute for Economic Research, Researcher

**Marc Bracke**, Animal Welfare, Wageningen Livestock Research Institute, Researcher

**Dr. Jan ten NaplesJan**, Wageningen Livestock Research Institute, Geneticist

**Dr. Paul Bikk**, Animal Nutrition, Wageningen Livestock Research Institute, Senior Researcher

**Dr. Tijs Tobias**, Animal Health, Faculty of Veterinary Medicine, Utrecht University, Associate Professor

**Janneke Janssens**, Roodbont Publishing, Director

**Wim Vugteveen**, Yuverta, Livestock teacher

**Wyno Zwanenburg**, Dutch Pig Research and Technology Training Center (RTTC), Project Manager

**Dr. Kees Scheepens**, Duke of Berkshire "The Pig Whisperer"

**Dr. Grant Walling**, Topigs Norsvin, Senior Geneticist

**Julia Linck Moroni**, Topigs Norsvin, Global AIM Specialist

**Marc Cox**, Agrisyst, Managing Partner

**Terry Emonds**, The Schippers Group, International hygiene specialist

**Michiel Nooijen**, Pig farmer

**Theo Vernooij**, Young innovative pig farmer

**Erik Stegink**, Party Chairman BBB at BBB BoerBurger Movement



## Schedule

The training course is divided into two parts: lectures from cutting-edge experts and presentation of participants' research projects. The arrangement is as follows:

Date	Topic	Content
<b>01-03-2022 (08:00-12:00)</b>	Overview of pig production	Introduction of the course, as well as an overview of pig production from a global perspective, focusing on pig farming and supply chain.
<b>15-03-2022 (08:00-12:00)</b>	Pig behavior and welfare	Understand pig behavior and needs, ethical basis, recognition of abnormal behavior (e.g. tail biting), physiological effects, and how to improve animal welfare in practice.
<b>22-03-2022 (09:00-11:00)</b>	Q&A	
<b>29-03-2022 (08:00-12:00)</b>	Breeding, reproduction and gestation	In-depth discussion of breeding issues, and the reproductive cycle and gestation period of the sow; explanation of genomic selection and gene editing technologies.
<b>12-04-2022 (08:00-12:00)</b>	Parturition management	Good farrowing sow management is essential to produce healthy piglets and to keep the sow in good condition for the next cycle. The basis of good farrowing sow management, sow, and newborn piglet health, housing environment, biosecurity, and feeding management is very important.
<b>19-04-2022 (09:00-11:00)</b>	Q&A	
<b>26-04-2022 (08:00-12:00)</b>	Piglet and fattening pig management	Focuses on the life of weaned piglets and growing fattening pigs. Includes feeding, housing, and animal welfare.
<b>10-05-2022 (08:00-12:00)</b>	Pig farm management	Farm-level hog production with a focus on farm economics, data-based management and biosecurity.
<b>17-05-2022 (09:00-11:00)</b>	Q&A	
<b>14-06-2022 (08:00-12:00)</b>	Group work presentation	Each group discusses the selected topic and gets scored.

**\*The time mentioned above is Amsterdam time.**



## **Sponsor**

Da Bei Nong Group is a Chinese listed agricultural high-tech company and it was founded by Dr. Genhuo Shao in 1993. Nowadays, It has nearly 30,000 employees, more than 260 production bases, and over 300 subsidiaries worldwide. With the mission of "innovation to make global food better" and the values of "service, simplicity, innovation, and sharing", Da Bei Nong Group is committed to creating the world's leading animal nutrition technology company.