

Programme

International Course

Incubation Biology and Hatchery Management

Fletcher Hotel De Wageningsche Berg, Wageningen, The Netherlands

20 - 21 March 2023

Course Leaders: Dr ir. H. (Henry) van den Brand, Wageningen University

Dr ing. R. (Ron) Meijerhof, Poultry Performance Plus

Lecturers

Dr ir. Henry van den Brand	Wageningen University and Research, the Netherlands
Ir. Matthias Corion	University of Leuven, Belgium
Dr Nick French	Consultant
Lotte Hebbink MSc	PasReform B.V., the Netherlands
Dr Pieter Kühne	Hipra, Technical Services Poultry & Rabbits Netherlands
Dr ing. Ron Meijerhof	Poultry Performance Plus, The Netherlands
Dr Roos Molenaar	Wageningen University and Research, the Netherlands
Drs Wessel Swart	CEVA, the Netherlands

Day 1: Monday 20 March 2023

08.30 Coffee / tea and registration

09.00 **Opening**

Programme manager Wageningen Academy

09.05 **Introduction incubation biology and management**

Dr ir. Henry van den Brand, Wageningen University and Research

09.15 **Important phases of embryonic development from fertilization to hatch**

Lotte Hebbink MSc, PasReform B.V

10.15 Coffee/Tea break

10:45 **Hatching egg management**

Dr ing. Ron Meijerhof, Poultry Performance Plus

11:45 **Pre-incubation and storage factors for incubation eggs**

Dr ir. Henry van den Brand, Wageningen University and Research

12.45 Lunch

13:45 **Physics of incubation**

Dr ing. Ron Meijerhof, Poultry Performance Plus

14.45 **Incubation temperature during the setter and hatcher phase**

Dr ir. Henry van den Brand, Wageningen University and Research

15.45 Coffee/tea break

16:15 **Hatchery automation and chicken handling**

Drs Wessel Swart, CEVA

17:15 End of course day 1

18:00 Drinks

18.30 Dinner

Day 2: Tuesday 21 March 2023

- 09:00 **Consequences of incubation settings for later life**
Dr ing. Ron Meijerhof, Poultry Performance plus
- 10.00 **Alternative hatching systems and early nutrition**
Dr ir. Henry van den Brand, Wageningen University and Research
- 11.00 Coffee/tea break
- 11.30 **(In ovo) vaccination in the hatchery**
Dr Pieter Kühne, Hipra, Technical Services Poultry & Rabbits Netherlands
- 12.30 **In ovo sexing technologies and their compliances with the poultry industry requirements: insights from 1907 until 2022**
Ir. Matthias Corion, University of Leuven
- 13.30 Lunch
- 14.30 **Hatchery hygiene**
Dr Roos Molenaar, Wageningen University and Research
- 15.30 **Handling and analysing hatchery data**
Dr Nick French, Consultant
- 16.30 **Closing session: evaluation and certificates**
- 16.45 Network drinks