



Course

Incubation Biology and Hatchery Management

What is the best way to store and treat eggs before incubation? How does incubation temperature influence the development of the embryo? What are the best practices during the hatching phase? In the last two decades knowledge about incubation has increased, but still numerous new questions and doubts are present. In the course 'Incubation biology and hatchery management', new insights from research and developments in the field are presented. The programme is an excellent opportunity to deepen your knowledge and understanding of incubation biology and hatchery management

Target group

The course is aiming at enriching knowledge of professionals (academic level) and is intended for hatchery managers, poultry biologists, incubator manufacturers, engineers, poultry breeding companies, technical managers of poultry integration companies, veterinarians, researchers and teachers in poultry science. Furthermore, participants from the supplying industry and governments are welcome in this course.

Results

After completing the course, you are updated with the latest scientific insights regarding best practices of incubation biology and hatchery management. You will be able to apply them in your daily practice as the knowledge is translated into practical applications.

Date 18, 19 June 2024

Location Wageningen

Course leader Dr Henry van den Brand, WUR
Dr Ron Meijerhof, Poultry
Performance Plus

Outline and topics

The course includes a variety of presentations spread over two consecutive days. The topics are introduced by a number of experts. There will be sufficient opportunity for discussion. In this course we will pay attention to the following subjects:

- Important phases of embryonic development
- Pre-incubation and storage factors of eggs
- Incubation temperature during the setter and hatcher phase and consequences for later life
- Hatchery hygiene
- Alternative hatching systems and early nutrition
- Maximising hatchery performance – automation for the modern hatchery
- (In ovo) vaccination in the hatchery
- Analysing break out data
- Big data in the hatchery



Programme

Day 1: Tuesday 18 June 2024

- **Introduction incubation biology and management**
Dr *ir.* Henry van den Brand, WUR
- **Important phases of embryonic development from fertilisation to hatch**
Lotte Hebbink MSc, PasReform B.V
- **Hatching egg management**
Dr ing. Ron Meijerhof, Poultry Performance Plus
- **Pre-incubation and storage factors for incubation eggs**
Dr *ir.* Henry van den Brand, WUR
- **Incubation temperature during the setter and hatcher phase**
Dr *ir.* Henry van den Brand, WUR
- **65 million years of experience**
Dr ing. Ron Meijerhof, Poultry Performance Plus
- **Physics of incubation**
Dr ing. Ron Meijerhof, Poultry Performance Plus
- **Hatchery hygiene**
Dr Roos Molenaar, WUR

Day 1: Wednesday 19 June 2024

- **Alternative hatching systems and early nutrition**
Dr *ir.* Henry van den Brand, WUR
- **Hatchery design**
Dr ing. Ron Meijerhof, Poultry Performance plus
- **Maximising hatchery performance – automation for the modern hatchery**
Hendri Beukes, Viscon
- **(In ovo) vaccination in the hatchery**
Drs Rik Koopman
- **Analysing break out data**
Dr ing. Ron Meijerhof, Poultry Performance plus
- **Big data in the hatchery**
Dr Ali Youssef, WUR

Practical information



€ 1,395.- per person and covers tuition, course materials, lunch and refreshments.



Max. 25 participants.



Based on your attendance you will receive a certificate after the programme is finished.

Registration

Enrollment is possible until 24 May 2024, or if the maximum number of participants is reached. Register via wur.eu/academy.

[Register](#)

Wageningen Academy

We develop and organise courses for professionals, based on Wageningen University & Research expertise.

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