

Programme

Course

Challenges in today's Poultry Nutrition

Fletcher Hotel de Wageningsche Berg, Wageningen, the Netherlands

Course leaders: Dr. R.P. (René) Kwakkel, Wageningen University & Research

Prof. J.G. (Johan) Buyse, KU Leuven

Dates: 9-11 June 2020

Course leaders

Prof. J.G. (Johan) Buyse	Katholieke Universiteit Leuven, Belgium
Dr R.P. (René) Kwakkel	Wageningen University & Research, The Netherlands

Lecturers

Prof. J.G. (Johan) Buyse	Katholieke Universiteit Leuven, Belgium
Prof. E. (Eddy) Decuypere	Katholieke Universiteit Leuven, Belgium
Dr E. (Evelyne) Delezie	Research Institute for Agriculture, Fisheries and Food, Melle, Belgium
Prof. R. (Richard) Ducatelle	Ghent University, Belgium
Dr H. (Henk) Enting	Cargill, Velddriel, The Netherlands
Dr R.A. (Rick) van Emous	Wageningen Livestock Research (Wageningen University & Research), The Netherlands
Arie Kies MSc	Wageningen University (Wageningen University & Research)/DSM, The Netherlands
Prof. G.P.J. (Geert) Janssens	Ghent University, Belgium
Dr R.P. (René) Kwakkel	Wageningen University (Wageningen University & Research), The Netherlands
Dr Y. (Yael) Noy	Miloubar, Israel
Dr L. (Laura) Star	Schothorst Feed Research and Lector Aeres Hogeschool, Dronten, The Netherlands
Dr A. (André) Steentjes	Poultry veterinarian, Veterinary Centre Someren, The Netherlands
Dr T. (Teun) Veldkamp	Wageningen Livestock Research (Wageningen University & Research), The Netherlands
M.C. (Ria) Wiltenburg MSc	Business manager monogastics, Nutreco Africa, Boxmeer, The Netherlands

Programme

Tuesday 9 June 2020

- 09:00 **Coffee/tea and registration of participants**
- 09:30 **Opening**
Programme manager Wageningen Academy
- 09.35 **Introduction to the course**
Dr R.P. (René) Kwakkel and Prof. J.G. (Johan) Buyse

FEED OPTIMALISATION & MANAGEMENT

- 09.45 **Feed and Management, a holistic approach**
Prof. E. (Eddy) Decuypere)
- 10.30 Time for questions and discussion
- 10.45 B r e a k
- 11.00 **Optimization of the feed composition**
M.C. (Ria) Wiltenburg
- 11:45 Time for questions and discussion
- 12.00 **Influence of stress on nutrient utilization**
Prof. J.G. (Johan) Buyse)
- 12.45 Time for questions and discussion
- 13.00 L u n c h

FEEDING STRATEGIES IN LAYERS AND PARENT STOCK

- 14.00 **Feeding broiler breeders during the rearing and laying phase**
Dr R.A. (Rick) van Emous
- 14.45 Time for questions and discussion
- 15.00 B r e a k
- 15.15 **Feeding poultry: feather-picking behavior & amino acid requirement**
To be confirmed
- 16.00 Time for questions and discussion
- 16.15 **Feeding of laying hens during the transition phase**
Dr E. (Evelyne) Delezie
- 17.00 Time for questions and discussion
- 17.30 Network drinks

NOVEL SOLUTIONS

- 18.00 **Inspiration dinner**
Algae and insects: future for poultry
Dr T. (Teun) Veldkamp

Wednesday 10 June 2020

FEED AND (GUT) HEALTH BROILERS

- 09.00 **Nutriënts, microbiota and immunity**
Prof. R. (Richard) Ducatelle
- 09.45 Time for questions and discussion
- 10.00 **Coarse and wet foods: a unique combination for (particularly) young poultry**
Dr R.P. (René) Kwakkel
- 10.45 Time for questions and discussion
- 11.00 B r e a k
- 11.15 **Feed additives to replace antibiotics**
Prof. G.P.J. (Geert) Janssens
- 12.00 Time for questions and discussion
- 12.15 L u n c h

PRACTICAL APPROACH

- 13.30 **Minerals and in particular calcium and phosphate in feed: effects on technical results**
Dr H. (Henk) Enting
- 14.15 Time for questions and discussion
- 14.30 B r e a k
- 14.45 **Precision feeding: challenge for the future**
Dr L. (Laura) Star

INTERMEZZO

- 16.00 **Meet the young researchers**
Emily, Miranda, Annemarie, Lotte, Jesse
- 18.00 Dinner

Thursday 11 June 2020

NUTRITION CLIMATE INTERACTION

09.00 **Chick development in relation to (hot) climate**

Dr Y. (Yael) Noy

09.45 Time for questions and discussion

10.00 B r e a k

10.15 Intermezzo Wageningen Campus Tour

12.00 L u n c h

13.00 **Vitamin nutrition with special emphasis on hot climate conditions**

A. (Arie) Kies MSc

13.45 Time for questions and discussion

14.00 B r e a k

14.15 **Basis of thermoregulation and physiological responses of poultry upon climate stress**

Prof. J.G. (Johan) Buyse

15.00 Time for questions and discussion

FEEDING STRATEGY AS A FUNCTION OF CLIMATE – practical implications

15.15 **Evaluation of nutrients and recommendations for usage of feed ingredients in hot climate**

Dr A. (André) Steentjes

16.00 Time for questions and discussion

16.30 Wrap up and certificate

16.45 Network drinks

End of course