

FEEDS AND NUTRITION COURSE 2019

ZAANDAM | THE NETHERLANDS | JUNE 3 - 7, 2019

'The course is specially designed for animal nutrition specialists'

MODULE 13 | PRACTICAL FEED FORMULATION SWINE

Least cost formulation is used by nutritionists to formulate feeds for the lowest costs possible while meeting all nutrient requirements and feedstuff restrictions at the actual market prices of feedstuffs. However, diet optimisation is not that simple. You always need to consider your specific situation.

Learning objective

- To apply theoretical knowledge into feed formulas for different species and under different circumstances.

FRIDAY JUNE 7

Course design

Several case studies and nutritional concepts will be used to illustrate how a nutritionist can formulate a diet composition most suitable for a given situation. Subjects that will be dealt during this course module will be:

- Nutrient recommendations provided by different tables/suppliers and how to deal with the different recommendations
- Optimising with different feedstuff tables (different energy formulas, SID versus crude protein)
- Typical diet composition for the different animal species (i.e. piglets/sows/growing finishing pigs)
- Recalculation of the nutritional value of a feedstuff based on nutrient analyses
- Shadow prices
- Intervention via feed (i.e. heat stress, health, product quality)
- The effect of nutrient and or feedstuff restrictions on diet composition
- The effect of feed additives on feed formulation

At the end of this module you have seen many different diet compositions suitable for different situations. However the most important message of this module will be that you always need to consider the circumstances in which you produce when you formulate a diet.

Trainers: Jannes Doppenberg and Gert Hemke

Remarks

- Please be aware that SFR recommendations will not be presented during the course.
- Since this module will use information from previous modules it is advised to follow module 11 Nutrient Evaluation Swine and/or module 12 Applied Swine Nutrition as preparation.

