CVB Themamiddag Rundveevoeding 2019

Dinsdag 10 december, Melle (Be)
Donderdag 12 december, Wageningen (NL)

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CVB voor waardevolle voederwaarden

ILVO Instituut voor Landbouw-, Visserij- en Voedingsonderzoek

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CVB program

From 2019 onwards
a Dutch-Belgian cooperation

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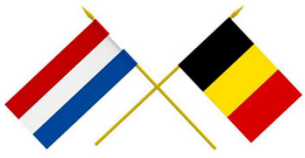

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General introduction CVB-program

Sam De Campeneere

ILVO
Instituut voor Landbouw-, Visserij- en Voedingsonderzoek

Gert van Duinkerken

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Main tasks CVB

To **evaluate feed materials** for farm animals in a transparent and scientific manner and to **establish nutritional needs**:

a) Collecting analysis results for animal feed raw materials

b) Establish and update feed evaluation formulas for feed materials

c) Establish and update nutritional needs for farm animals

d) Publish CVB table ➔ chemical composition, digestibility and feeding value of feed materials and feed raw materials.

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Importance of CVB

Common hub for business, research and education.

The feed values and nutritional needs described by CVB are a reference for many users, e.g. animal feed companies, consultants, livestock farmers, education and knowledge institutions.

CVB is a public reference!! (www.cvbdiervoeding.nl)

Supporting organisations

Nevedi

BFA Belgian Feed Association

OPNV Overleggroep Producenten Natte Veevoeders

FND Federatie Nederlandse Diervoederketen

MVO

ZuivelNL Ketenorganisatie van de zuivelsector

VDDN Vereniging Diervoederspecialiteiten Diergezondheidsproducten Nederland

HISFA

Sponsors

VICTAM

Importance of CVB for livestock farming and animal feed businesses (i)

- An independent and scientifically based **reference system** for the evaluation of feed materials and the setting of nutritional needs for farm animals.
- **Uniform training** in feed evaluation for students. Everyone speaks **one language**. Basis for "capacity building" for the animal feed chain in the Netherlands and Belgium.
- An **archive function** to store the background information for feed evaluation and nutrient contents.

Importance of CVB for livestock farming and animal feed businesses (ii)

- A scientifically based feed evaluation system / reference for formulating diets in **scientific trials**.
- A feed evaluation system that can be used to **support policy** issues and scenario calculations in animal husbandry and the animal feed chain
  - → e.g. use of VEM-system in Dutch "Kringloopwijzer"
  - → e.g. use of VEM and DVE-values as a basis for feed prices

Importance of CVB for livestock farming and animal feed businesses (iii)

- Central position of CVB in knowledge in NL en BE
  - → connects business, veterinarians, eduction and research
  - → transfer of knowledge to industry/practice
  - → transfer of questions from business/practice to knowledge institutions

A strong Agri&Food cluster in BE/NL strengthens our position in the international markets

Organisational structure CVB 2019

- Board committee CVB (BC-CVB)
  - Policy guidance and budget of CVB
  - Reflecting organizations that contribute to the CVB program
  - ILVO and WUR are advising the board
- Technical committee CVB (TC-CVB)
  - Content guidance of CVB
  - Expert representatives of organizations that contribute to the CVB program
  - ILVO and WUR are members of TC-CVB
- From 2020 onwards most likely called "Stichting CVB"

CVB in Belgium

Thanks to BFA

- Financial contribution for the Belgian sector in CVB
- Budget is used within ILVO-CVB

Personel

- Dorien Van Wesemael = contact person for the sector
- Other animal nutrition experts

Innovations for cattle in the past

- Chemical composition and feeding value of fresh and ensiled grass was remodelled
- Update of the feeding value for grass-clover-silages
- Energy- and protein value for DDGS and yeast-concentrates
- Evaluation of rapeseed straw

Planned work for the near future (i)

Energy

- Update maintenance energy requirements (VEM) dairy cattle (ongoing)
- Update classification and composition maize silage

Protein

- Validation/Update protein system (DVE/OEB) (ongoing)
- Evaluation microbial efficiency with different types of fermented substrate (ongoing)
- Correction for microbial contamination when estimating the protein degradation in the rumen (ongoing)
- Update amino acid pattern grass and maize silage, and raw materials (ongoing)
- Update by-pass crude protein in rapeseed meal
- Establish calculation rule for VC-RE of grass-clover-silages

Planned work for the near future (ii)

Minerals/trace elements

- Phosphorus needs for beef- and rearing calves
- Update "Handleiding Mineralenvoorziening Rundvee, Schapen, Geiten" (COMV, 2005)

Feeds

- Energy- and protein-value sorghumsilage and soy-WCS
- Update chemical composition/feeding value triticale-WCS, fodder beets, alfalfa/lucerne

Program "Themamiddag Rundveevoeding"

- General introduction
- Net energy requirements of Holstein Friesian dairy cattle
- Undegradable starch and protein in maize silage

Coffee break

- Amino acid levels in forages
- Update/validation of the DVE/OEB system

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