“VeeManager”: Spider in the web of milkrecording en herdbookregistration

ICAR Conference
Dick Koorn/ Bert van ‘t Land
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CR Delta VRV offices

Dutch dairy herds (2005)

Objectives of NRS

Collecting data

Introduction to NRS activities
Functionality “VeeManager”
Future developments

Number
Total milk produced (million tons) 10.5
Milk price (4.4 fat%, 3.5% protein) € 0.32
Dairy herds in milkrecording 19,033
Average herd size 65
Average lact. Length 349
Average milk yield (kg) 8978
Average age at first calving (months) 26
Lifetime production (kg, culling 2005) 27,701

- Support dairy cattle breeding in broad sense of the word!
- Process data into information
  - Breeding data
  - Identification & Registration
  - Herdbook
  - Milk recording
  - Type classification
- Supply of animal information systems

- Milkrecording
  - High participation: 85% of cows
  - Mostly 4-weekly: 85%
- Herdbookregistration
  - Together with Animal Health/government
  - High participation
- In accordance with ICAR
Herd Management Systems in the Netherlands

<table>
<thead>
<tr>
<th>year</th>
<th>1999</th>
<th>2002</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>farms using “VeeManager”</td>
<td>362</td>
<td>4494</td>
<td></td>
</tr>
<tr>
<td>farms using other HMS (4)</td>
<td>6264</td>
<td>9289</td>
<td>10099</td>
</tr>
<tr>
<td>farms in milkrecording</td>
<td>23173</td>
<td>20287</td>
<td>18254</td>
</tr>
</tbody>
</table>

Programme

- Introduction to NRS activities
- Functionality “VeeManager”
- Future developments

Functionality

- Pedigree registration & animal movement
  - on-line connection with public tracking & tracing
  - all cow events are registered

- Milkrecording
  - interactive reports (ordering an group variation)
  - attention lists
  - cow sheets

- Reproduction
  - AI, pregnancy checks, in-heat etc.

Functionality (2)

- Minerals
- Feeding
- Udderhealth
- Quotaplanning
- Breeding
- Sire Advise
- Herdbook facilities
- buying semen and embryo’s

More info: www.cr-delta.nl

VeeManager:

Key-issue on CR-Delta portal
Example: Cowsheet

Programme
- Introduction to NRS activities
- Functionality “VeeManager”
- Future developments

Collecting health data
- Health problems
  - management reports
  - breeding values
- Medicin use
  - tracking & tracing
  - feed safety systems
- Culling reason
  - durability

Milkrecording
- Sampler with PDA:
  - Official milksampler or farmer
  - provisional report on internet before milksampler is leaving de farm

PDA: VeeManager Assistant
- Communication by webservices
- Main functionality:
  - datacollecting
  - simple lookup animal info
- Attention lists
- user preferences

Questions?
Thanks!