Network of advisory services to improve the health of dairy cows in Baden-Württemberg

S. Hollenbach & F. Gollé-Leidreiter

Landesverband Baden-Württemberg für Leistungs- und Qualitätsprüfungen in der Tierzucht e.V. (LKV BW), P.O. Box 13 09 15, 70067 Stuttgart, Germany
Baden-Württemberg South-West of Germany

Milk Recording Organisation (LKV) Baden-Württemberg
- Farms: 5,925
- Dairy cows: 293,852
- Herd size: 50

Bund praktizierender Tierärzte (BpT) Baden-Württemberg
- Veterinary practices: 450

Excellent cooperation between (BpT) und LKV BW
Health monitoring of dairy herds in Baden-Württemberg (I)

Joint initiative of BpT und LKV BW (2010)
- Recording and storage of veterinary diagnoses
- Recording and storage of observations from farmers
- Link of animal health data and performance data
- Software development for farmers and vets by the RDV
- Data use for herd management and animal breeding

Joint initiative of BpT und LKV BW (2013)
- Formation of an advisory service network
Health monitoring of dairy herds in Baden-Württemberg (II)

Participation (2014)

- Farms: 1,000
- Dairy cows: 60,000
- Cattle: 54,000
- Diagnoses: >250,000
- Veterinary practices: 155
Health monitoring of dairy herds in Baden-Württemberg (III)

**First results:**
- Genomic evaluation of health traits for bulls (August 2013):
  - Mastitis
  - Early fertility disorders
  - Milk fever
  - Cysts

- Animal health data from herds of Baden-Württemberg

<table>
<thead>
<tr>
<th>Diagnosis</th>
<th>1st Lactation</th>
<th>≥ 2 Lactations</th>
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<tbody>
<tr>
<td>Udder health</td>
<td>9.49 %</td>
<td>15.85 %</td>
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<tr>
<td>Fertility</td>
<td>15.67 %</td>
<td>18.92 %</td>
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## Health monitoring of dairy herds in Baden-Württemberg – IT-Tools

<table>
<thead>
<tr>
<th>Online Programs</th>
<th>Application field</th>
<th>User</th>
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<tbody>
<tr>
<td>RDV-Farm (RDV4M)</td>
<td>Herd management Analysis</td>
<td>Farmer, Advisor</td>
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<td>RDV-Mobil (App)</td>
<td>On spot data collection and access</td>
<td>Farmer</td>
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<td>RDV-Vet (RDV4T)</td>
<td>Herd health monitoring</td>
<td>Veterinary</td>
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<td>RDV-Feed (RDV4F)</td>
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**Ausgewählte Betriebe**

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**Tierliste**

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Basic concept of the advisory service network (I)

Farmer, Vet and LKV-advisor:

- Common data base
- Same software
- Orientation on agreed thresholds
- Definition and adjustment of advisory objectives
  - Coordination of actions/
    coordination of the farm advice
Close cooperation of Vet and LKV-advisor with different assignments

**Vet:**
- Udder health
- Fertility

**LKV-advisor:**
- Feeding
- Animal husbandry
The vet operates the travic light system in RDV4T for RDV4M and RDV4T, to guarantee identical thresholds / benchmarks
Principles of the advisory service network

Joint farm visits of vet and LKV-advisor during the year

- Definition of objectives
- Achievement of objectives
- Adjustment of objectives

Joint workshops on the topic of animal health done by vets, LKV-advisors and farms, which participate in the health monitoring
Thank you for your attention!