Health Data Collection in Canada

Daniel Lefebvre
Valacta
Dairy in Canada at the Farm
2013

Number of Farms with Milk Shipments: 12,529
Number of Dairy Cows: 960,600
Number of Dairy Heifers: 472,600
DHI Structure in Canada

2 agencies
1 Processing center/database

CanWest DHI Valacta

9,800 herds
725,000 cows
75 cows/herd
Health Data Flow

- DC 305
- Lac-T
- Others
- DSA-Prod

- DC 305
- Lac-T
- DSA-Vet
- DSA-DB

- Canadian DHI

- CDN
Number of herds recording Health Data

Participation: ≈40% of milk recorded herds
Number of records by Health Trait
## 475 939 Health Problems in 6 024 Herds

<table>
<thead>
<tr>
<th>Health problem</th>
<th>% of problems</th>
<th>% de herds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mastitis</td>
<td>41,0</td>
<td>87</td>
</tr>
<tr>
<td>Displaced abomasum</td>
<td>5,1</td>
<td>65</td>
</tr>
<tr>
<td>Retained Placenta</td>
<td>8,6</td>
<td>60</td>
</tr>
<tr>
<td>Lameness</td>
<td>12,0</td>
<td>54</td>
</tr>
<tr>
<td>Milk fever</td>
<td>3,8</td>
<td>49</td>
</tr>
<tr>
<td>Kystes ovariens</td>
<td>12,2</td>
<td>46</td>
</tr>
<tr>
<td>Ketosis</td>
<td>3,2</td>
<td>38</td>
</tr>
<tr>
<td>Métrite aigue</td>
<td>5,7</td>
<td>37</td>
</tr>
<tr>
<td>Écoulement purulent</td>
<td>3,9</td>
<td>21</td>
</tr>
<tr>
<td>Endométrite</td>
<td>1,5</td>
<td>11</td>
</tr>
<tr>
<td>Métrite chronique</td>
<td>2,6</td>
<td>23</td>
</tr>
</tbody>
</table>
Challenges - Opportunities

• Case definition
• Maintain producer interest
• Producer and vet focus on « pain points »
• Frequency of reporting to producer
• Significance of rates in small herds for some diseases

• Canadian Quality Milk program
• Test and sensor based methods