Immediate notification report

Report Summary

Disease Name: Schmallenberg virus
(A New Unknown Disease)
Animal type: Terrestrial
Serotype(s): Other
Causal Agent: Schmallenberg virus
Date of first confirmation of the event: 23/01/2012
Reason: Emerging disease
Date of report: 24/01/2012
Reason: Emerging disease
Date of Start of Event: 14/01/2012
Number Of Reported Outbreaks: Submitted= 4, Draft= 0
Date Submitted To OIE: 24/01/2012
Number Of Reported Outbreaks
Submitted= 4, Draft= 0

Name of Sender of the report
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Entered by
Dr Nigel Gibbens

Disease Impact

<table>
<thead>
<tr>
<th>Units for morbidity and mortality</th>
<th>Morbidity</th>
<th>Mortality</th>
<th>Zoonotic potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantitative (%)</td>
<td>4%</td>
<td>4%</td>
<td></td>
</tr>
</tbody>
</table>

Outbreak (this report - submitted) ( UK01 )

<table>
<thead>
<tr>
<th>County</th>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
</table>
| ENGLAND | Sheep | Animals | 145 | 12 | 12 | ... | ...

Affected Population
The number of susceptible animals is the number of breeding sheep present on the farm. New lambs born with limb deformities.

Outbreak (this report - submitted) ( UK03 )

<table>
<thead>
<tr>
<th>County</th>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
</table>
| ENGLAND | Sheep | Animals | 27 | 2 | 2 | ... | ...

Affected Population
The number of susceptible animals is the number of breeding sheep present on the farm. New lambs born with limb deformities.

Outbreak (this report - submitted) ( UK04 )
<table>
<thead>
<tr>
<th>County</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLAND</td>
<td>Farm</td>
<td>East Sussex</td>
<td>50.9218</td>
<td>0.1776</td>
<td>14/01/2012</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheep</td>
<td>Animals</td>
<td>400</td>
<td>4</td>
<td>5</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

**Affected Population**
The number of susceptible animals is the number of breeding sheep present on the farm. New lambs born with limb deformities.

**Outbreak (this report - submitted) (UK02)**

<table>
<thead>
<tr>
<th>County</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLAND</td>
<td>Farm</td>
<td>Suffolk</td>
<td>51.9684</td>
<td>1.0038</td>
<td>14/01/2012</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheep</td>
<td>Animals</td>
<td>28</td>
<td>0</td>
<td>5</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

**Affected Population**
The number of susceptible animals is the number of breeding sheep present on the farm. New lambs born with limb deformities.

**Outbreak summary: Total outbreaks = 4 (Submitted)**

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheep</td>
<td>600</td>
<td>24</td>
<td>24</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Epidemiology**

**Epidemiological comments**
All four farms are in the ‘at risk’ areas for vector incursion from Belgium and the Netherlands.

**Source of the outbreak(s) or origin of infection**
- Unknown or inconclusive

**Control Measures**

**No Control Measures**

**Animals treated**

**No**

**Vaccination Prohibited**

**No**

**Diagnostic test results**

<table>
<thead>
<tr>
<th>Laboratory Type</th>
<th>Name of Laboratory</th>
<th>Species</th>
<th>Test Type</th>
<th>Date Results Provided</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>National laboratory</td>
<td>Veterinary Laboratories Agency (VLA), Weybridge</td>
<td>Sheep</td>
<td>gene sequencing</td>
<td>23/01/2012</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Veterinary Laboratories Agency (VLA), Weybridge</td>
<td>Sheep</td>
<td>real-time PCR</td>
<td>23/01/2012</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

**What further reports will be submitted in relation to this event?**

There are 4 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

The event is continuing. Weekly follow-up reports will be submitted.