**Report Summary**

**Disease**
- Highly pathogenic avian influenza

**Animal type**
- Terrestrial

**Causal Agent**
- Highly pathogenic avian influenza virus
  - Serotype(s): H5N1

**Clinical Signs**
- Yes
  - Reason: Reoccurrence of a listed disease

**Date of first confirmation of the event**
- 26/01/2010

**Date of report**
- 26/01/2010

**Diagnosis**
- Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy

**Number Of Reported Outbreaks**
- Submitted= 1, Draft= 0

**Address**
- post office box 12 BEIT DAGAN 50250

**Species**
- Measuring units
  - Birds: 43,000
  - Animals: 43,000

**Outbreak (this report - submitted) ( EN SHEMER HPAI )**

<table>
<thead>
<tr>
<th>Province</th>
<th>District</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>HAIFA</td>
<td>HADERA</td>
<td>Farm</td>
<td>EN SHEMER</td>
<td>32.4627779682</td>
<td>35.003129119</td>
<td>24/01/2010</td>
<td>04/01/2008</td>
</tr>
</tbody>
</table>

**Affected Population**

The farm has three poultry houses that contain 43,000 heavy breeder pullets aged 16 weeks. These poultry houses are in a farm under extremely high biosecurity. Clinical signs occurred in only one house.

**Outbreak summary: Total outbreaks = 1 (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>Birds</td>
<td>43,000</td>
<td>700</td>
<td>100</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Epidemiology**

**Epidemiological comments**

The epidemiological investigation is in process.

**Source of the outbreak(s) or origin of infection**

- Unknown or inconclusive

**Control Measures**

**Applied**

- Quarantine
- Movement control inside the country
- Zoning

**To be applied**

- Stamping out
- Screening
- Disinfection of infected premises/establishment(s)

**Animals treated**

- No

**Vaccination Prohibited**

- Yes
Country / Zone

Country or zone the whole country

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>Kimron Veterinary Institute, Avian and Fish Diseases Laboratory</td>
<td>Birds</td>
<td>real-time PCR</td>
<td>26/01/2010</td>
<td>Positive</td>
</tr>
<tr>
<td>Local laboratory</td>
<td>Northern Poultry Diseases Laboratory</td>
<td>Birds</td>
<td>polymerase chain reaction (PCR)</td>
<td>26/01/2010</td>
<td>Positive</td>
</tr>
<tr>
<td>Local laboratory</td>
<td>Northern Poultry Diseases Laboratory</td>
<td>Birds</td>
<td>pathogen isolation by egg inoculation</td>
<td>26/01/2010</td>
<td>Positive</td>
</tr>
</tbody>
</table>

Future Reporting

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

There are 1 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.