Follow-up report No.3
Report reference: AVI'EL H5N1, Reference OIE : 17181, Report Date : 12/02/2015, Country : Israel

Report Summary
Name of sender of the report: Dr Nadav Galon
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Israel BET DAGAN
Fax: +972 39 68 16 41
Email: galonn@moag.gov.il
Date submitted to OIE: 12/02/2015

Animal type: Terrestrial
Disease: Highly pathogenic avian influenza
Causal Agent: Highly pathogenic avian influenza virus
Serotype(s): H5N1
Reason: Reoccurrence of a listed disease

Province
Number of outbreaks: submitted= 8, Draft= 0

Affected Population
This turkey fattening farm contains 13 pens with a total of 55,000 males and 25,000 females aged 16-17 weeks. The mortality has been observed in 5 of the pens, whilst the mortality was very high and hyperacute in 3 of them. On post mortem examination, enteritis and enlarged spleen have been demonstrated.
In addition, 350 meters away, there is a poultry farm of 61,000 5-week-old turkeys. No clinical signs have been seen in poultry at this farm. No other commercial flocks are located within the radius of 3 kilometers. A sick wild bird (Spur-winged lapwing) has been found in one of the pens and has been diagnosed as positive.

Province
Number of outbreaks: submitted= 8, Draft= 0

Affected Population
The flock contains 36 weeks broilers grand parents which are divided in two adjacent pens. Hyperacute mortality.

Province
Number of outbreaks: submitted= 8, Draft= 0

Affected Population
10 weeks turkeys.

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<table>
<thead>
<tr>
<th>Province</th>
<th>Number of outbreaks</th>
<th>District</th>
<th>Sub-district</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start Date</th>
<th>End Date</th>
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</thead>
<tbody>
<tr>
<td>HAMERKAZ-other report - submitted</td>
<td>-</td>
<td>HaSharon</td>
<td>Farm</td>
<td>KEFAR MONASH</td>
<td>32.3435796299</td>
<td>34.9152892458</td>
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**Species**

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<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
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<tbody>
<tr>
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<td>Animals</td>
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<td></td>
<td></td>
<td>18000</td>
<td>1000</td>
<td>200</td>
<td>17000</td>
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</tbody>
</table>

**Affected Population**

36-week-old breeding flock of broilers. The flock was divided into 4 pens. In one of the pens, clinical signs as internal laying, mortality and gut mucus changes occurred.

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16-week old turkeys. 2 pens.


8 weeks old turkeys.

9 weeks old turkeys. The flock is divided into 6 pens.

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Outbreak summary: Total outbreaks = 8 (Submitted)

**Species**

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
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</thead>
<tbody>
<tr>
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**Epidemiology**

**Epidemiological comments**

The Kfar Vitkin outbreak is very close to Kfar Monash outbreak which was diagnosed a few days before.

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

- Unknown or inconclusive

**Measures applied**

- stamping out
- quarantine
- movement control inside the country
- zoning

**Animals treated**

Vaccination Prohibited

**Diagnostic test results**

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<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>
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<td>Kimron Veterinary Institute, Avian Diseases Laboratory</td>
<td>Birds</td>
<td>real-time PCR</td>
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<td>Birds</td>
<td>real-time PCR</td>
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<td>Positive</td>
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<td>National laboratory</td>
<td>Kimron Veterinary Institute, Avian Diseases Laboratory</td>
<td>Birds</td>
<td>intravenous pathogenicity index (IVPI) test</td>
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**Future Reporting**

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