Report Summary

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Date submitted to OIE: 25/04/2019

Animal type: Terrestrial
Disease: Highly pathogenic avian influenza
Causal Agent: Highly pathogenic avian influenza virus
Serotype(s): H5N8
Reason: Recurrence of a listed disease
Country or zone: a zone or compartment

Date of report: 25/04/2019
Date of start of the event: 20/04/2019
Date of confirmation of the event: 24/04/2019
Date of last occurrence: 14/02/2017

Report Summary

Outbreak details

Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date:
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
Hazafon- (this report - submitted) | - | Yizreel | Farm | MA’ALE GILBOA | 32.4780832225 | 35.4180178886 | 20/04/2019

Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered
--- | --- | --- | --- | --- | --- | ---
Birds | Animals | 13500 | 350 | 200 | 13300 | 0

Affected Population: 17 weeks old turkeys. The farm is divided into 6 pens. Mortality has been seen only in one quarter of one pen. Mortality in this part of the pen reached about 30% (200/700). Stamping out is enforced over the whole farm.

Outbreak summary: Total outbreaks = 1 (Submitted)

| Species | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered
--- | --- | --- | --- | --- | ---
Birds | 13500 | 350 | 200 | 13300 | 0

Epidemiological comments

Israel is on the migration route of wild birds coming from Africa to Europe. The farm is located in an aquaculture area with multiple fish ponds, attracting migrating birds.

Source of the outbreak(s) or origin of infection

• Contact with wild species

Measures applied

| Applied | To be applied
--- | ---
• movement control inside the country | • official disposal of carcasses, by-products and waste
• surveillance outside containment and/or protection zone | • disinfection
• surveillance within containment and/or protection zone | • screening
• screening | • quarantine
• quarantine | • stamping out
• stamping out | • zoning
• zoning

Animals treated

No | Vaccination Prohibited
Yes

Diagnostic test results

| Laboratory Type | Name of Laboratory | Species | Test Type | Date results provided | Result
--- | --- | --- | --- | --- | ---
National laboratory | Kimron veterinary Institute, Avian Diseases Division | Birds | pathogen isolation by egg inoculation | 25/04/2019 | Pending
Private laboratory | Northern Avian Diseases Laboratory, Egg and Poultry Board | Birds | real-time PCR | 24/04/2019 | Positive
<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>
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**Future Reporting**

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