

# Informe de notificación inmediata

Referencia del informe: CAN-AI-2007-01, Ref OIE: 6260, Fecha del informe: 28/09/2007, País: Canadá

## Resumen del informe

|   |  |                                     |   |
|---|--|-------------------------------------|---|
| Enfermedad  | Influenza aviar altamente patógena           | Tipo de animal                      | Terrestres  |
| Agente etiológico   | Avian influenza virus                        | Serotipo(s)                         | H7N3  |
| ¿Signos clínicos?   | Si   | Motivo                              | Reaparición de una enfermedad de la Lista de la OIE |
| Fecha de la confirmación del episodio   | 27/09/2007                                   | Fecha del inicio del episodio       | 23/09/2007  |
| Fecha del informe   | 28/09/2007                                   | Fecha De Envío Del Informe A La OIE | 28/09/2007  |
| <b>Diagnóstico</b>  |  |                                     |   |
| Clínico, Pruebas básicas de laboratorio (ej. parasitología, bacteriología, micología, histopatología), Pruebas de diagnóstico de laboratorio avanzadas (ej. virología, microscopía electrónica, biología molecular e inmunología) |  |                                     |   |
| Fecha De La Última Ocurrencia   | 2004   | Número de focos notificados         | Enviado= 1, Borrador= 0                             |
| Nombre de quien envía el informe  | Dr André Vallieres                           | Dirección                           | 2001, rue University Montréal H3A 3N2               |
| Posición  | Surveillance Officer - Agent de surveillance | Teléfono                            | 15142833815   |
| Fax   |  | Correo electrónico                  | vallieresa@inspection.gc.ca                         |
| Ingresado por   | Mme Margarita Alonso                         |                                     |   |

## Foco (este informe - enviado) ( CAN-AI-2007-01 )

| Province   | District           | Sub-district | Tipo de Unidad Epidemiológica | Localización | Latitud    | Longitud     | Seguir     | Fin |
|--|--------------------|--------------|-------------------------------|--------------|------------|--------------|------------|-----|
| SASKATCHEWAN   | Regina             |              | Explotación                   | Regina Beach | 50,7906    | -104,9866    | 23/09/2007 |     |
| Especies   | Unidades de medida | Susceptibles | Casos                         | Muertos      | Destruídos | Sacrificados |            |     |
| Aves   | Animales           | 49100        | 560                           | 560          | 0          | 0            |            |     |
| <b>Población afectada</b>  |                    |              |                               |              |            |              |            |     |
| Chicken broiler breeder flock. The operation consists of ten barns. There are 1100 roosters housed within two barns. In close proximity are three barns which house a total of 16,000, 10 week-old broiler breeder pullets. Approximately 400 metres away are four laying barns which house a total of 16,000, 52 week-old broiler breeders and 16,000, 29 week-old broiler breeders. Approximately 540 roosters have died in one barn containing approximately 600 birds (approximately 90% mortality). There are currently less than sixty birds remaining in this barn. |                    |              |                               |              |            |              |            |     |

## Resumen de focos: Número total de focos = 1 (Enviado)

| Especies | Susceptibles | Casos | Muertos | Destruídos | Sacrificados |
|----------|--------------|-------|---------|------------|--------------|
| Aves     | 49100        | 560   | 560     | 0          | 0            |

## Epidemiología

| Otros detalles epidemiológicos / comentarios   |
|--|
| The 100 rooster had been moved from the affected barn into the 52 week-old breeder flock two weeks previously. Additionally, 160 rooster were moved to the 29 week-old breeder flock on September 17. No signs of illness have been noticed in any of the breeder barns; however, the 29 week-old breeder flock has not performed well; they did not peck as expected and production is not as good as anticipated.  |
| On September 25, ancillary genetic results indicated the presence of an H7N3 virus in swab and tissue samples taken from the rooster barn. As of September 26, further test results indicate that birds in that barn were exposed to the virus several days prior to the findings as serology titers are demonstrated towards the virus. H7N3 active infection was further demonstrated with the presence of live virus in tissues from dead birds and swabs. Initial virus molecular pathotyping indicate that the virus has a high pathogenic molecular pattern. All samples tested to date from birds located |

in the other barns on the same premise do not indicate the presence of avian influenza viruses.

Canadian Food Inspection Agency (CFIA) officials continue to proceed with the investigation according to the Notifiable Avian Influenza - Hazard Specific Plan (NAI-HSP).

CFIA will apply restrictions on the movement of poultry and poultry products within three kilometres of the infected premises. As an additional safeguard, any poultry operations within ten kilometres of the infected premises will be closely and regularly monitored for signs of illness.

|                            |  |
|----------------------------|--|
| <b>Fuente de infección</b> | <ul style="list-style-type: none"><li>• Desconocida o no concluyente</li><li>• Contact with wild species suspected but not confirmed</li></ul> |
|----------------------------|--|

## Medidas de control

|                          |  |                              |   |
|--------------------------|--|------------------------------|---|
| <b>Implementada</b>      | <ul style="list-style-type: none"><li>• Restricción de los movimientos en el interior del país</li><li>• Tamizaje</li><li>• Cuarentena</li></ul> | <b>Para ser implementada</b> | <ul style="list-style-type: none"><li>• Desinfección de áreas infectadas</li><li>• Sacrificio sanitario</li></ul> |
| <b>Animales tratados</b> | No   | <b>Vacunación prohibida</b>  | Si  |

## País / Zona

|                    |              |
|--------------------|--------------|
| <b>País o zona</b> | todo el país |
|--------------------|--------------|

## Resultados de las pruebas diagnósticas

| Tipo de laboratorio  | Nombre del laboratorio                                | Especies | Tipo de prueba                          | Fecha en que los resultados han sido entregados | Resultados |
|----------------------|---|----------|---|---|------------|
| Laboratorio nacional | CFIA National Center Foreign Animal Disease, Winnipeg | Aves     | neuraminidase inhibition assay          | 25/09/2007                                      | Positivo   |
| Laboratorio nacional | CFIA National Center Foreign Animal Disease, Winnipeg | Aves     | polymerase chain reaction (PCR)         | 26/09/2007                                      | Positivo   |
| Laboratorio nacional | CFIA National Center Foreign Animal Disease, Winnipeg | Aves     | polymerase chain reaction (PCR)         | 25/09/2007                                      | Positivo   |
| Laboratorio nacional | CFIA National Center Foreign Animal Disease, Winnipeg | Aves     | competitive ELISA (c-ELISA)             | 24/09/2007                                      | Positivo   |
| Laboratorio nacional | CFIA National Center Foreign Animal Disease, Winnipeg | Aves     | virus sequencing                        | 27/09/2007                                      | Positivo   |
| Laboratorio nacional | CFIA National Center Foreign Animal Disease, Winnipeg | Aves     | virus isolation                         | 26/09/2007                                      | Positivo   |
| Laboratorio nacional | CFIA National Center Foreign Animal Disease, Winnipeg | Aves     | haemagglutination inhibition test (HIT) | 26/09/2007                                      | Positivo   |

## Informes futuros

|  |
|--|
| <b>¿Qué otros informes serán enviados a la OIE en relación con este acontecimiento?</b>  |
| Hay 1 Focos considerados como no resueltos. No se puede considerar este evento como terminado antes de que estén resueltos todos los focos del evento. |

## Mapa de focos

