

WEEKLY INTELLIGENCE REPORT

April 26th - May 2nd, 2021

SUMMARY: RELEVANT EVENTS (includes all events rated ≥ 3.0)

Rabbit Haemorrhagic Disease

Rabbit haemorrhagic disease has been confirmed in pet rabbits in one household in southern Alberta

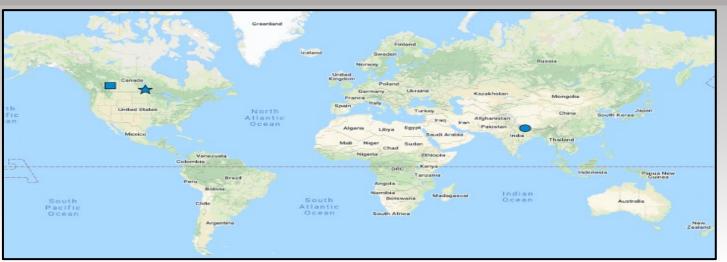
| | | 3,2 | | | |
|-----------|---|-----|---|---|---|
| Read More | 1 | | 3 | 4 | 5 |
| | 1 | 2 | 3 | 4 | , |

Variant Influenza A (H1N1 and H1N2)

Two separate cases of variant influenza viruses have been found in two unrelated individuals in different communities in southern Manitoba

| | | | 3.0 | | |
|-----------|---|---|-----|---|---|
| Read More | 1 | 2 | 3 | 4 | 5 |
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NEW EVENTS: (events rated > 2)



Rabbit Haemorrhagic Disease in Alberta

<u>Pathogen: Virus ; Transmission: Direct contact, Fomite; Species affected in event: Rabbit</u>

① Rabbit Hemorrhagic Disease associated with RHDV2 has been confirmed in pet rabbits in one household in southern Alberta.

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| Avg. Rating | 3.2 |
|----------------|-----|
| No. of Signal | 1 |
| No. of Ratings | 25 |

Variant Swine Influenza A H1N1 and H1N2 in Manitoba

Pathogen: Virus; Transmission: Direct contact, Aerosol, Fomite; Species affected in event: Human

① Two separate cases of variant influenza viruses have been found in two unrelated individuals in different communities in southern Manitoba. One is a case of human influenza A(H1N2)v and one is a case of human influenza A(H1N1)v. The cases are not linked, and both had either direct or indirect exposures to pigs.

| More |
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| Porcine Reproductive and Respiratory Syndrome in Nepal |
|---|
| Pathogen: Virus; Transmission: Direct contact, Fomite, Vector; Species affected in event: Porcine |

① Nepal has reported its first outbreak of PRRS. The outbreak occurred on 26 Feb 2021 in Eastern Nepal on a commercial pig farm.

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| Avg. Rating | 3.0 |
|----------------|-----|
| No. of Signal | 2 |
| No. of Ratings | 4 |

| Avg. Rating | 2.0 - 2.3 |
|----------------|-----------|
| No. of Signal | 2 |
| No. of Ratings | 4 |



WEEKLY INTELLIGENCE REPORT

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CONTINUED EVENTS: (events rated ≥ 2.4)

African Swine Fever in Asia

No. of Signals: 04 No. of weeks in report: 106

Avrg. Rating: 2.5 – 2.8

- China has confirmed an outbreak of ASF on a farm in the northern region of Inner Mongolia, the 10th outbreak to be reported so far this year
- Malaysia has reported another outbreak of ASF in domestic swine in Sabah

African Swine Fever in Europe

No. of Signals: 08

No. of weeks in report: 97

Avrg. Rating: 2.0 - 2.8

- Several new ASF outbreaks have been recently reported in Russia, along with reports of contaminated food products in grocery stores
- Germany, Hungary, Romania, and Latvia have reported cases of ASF in wild boar
- Ukraine has reported an outbreak of ASF in domestic swine

Highly Pathogenic Avian Influenza in Europe

No. of Signals: 09

No. of weeks in report: 26

Avrg. Rating: 2.0 - 2.6

- Bulgaria has reported its 6th outbreak of HPAI, this one in a commercial layer farm in the southern village of Trilistnik
- Germany, Italy, and Sweden have reported cases of HPAI H5N8 in wild birds
- A summary of the overall HPAI situation in Europe is available here

SCIENTIFIC FINDINGS:

Ability of different matrices to transmit African swine fever virus

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Disclaimer

This intelligence report is intended to provide information to risk managers about emerging and zoonotic disease events that could pose a threat to Canada. It is based on information signals acquired and selected from twenty-one distinct disease surveillance sources via the Knowledge Integration using Web-based Intelligence (KIWI) tool hosted on the Canadian Network for Public Health Intelligence (CNPHI) informatics platform. The report is based on the activities of the CEZD Community of Practice and subject to change based on evolving user needs.