CEZD WEEKLY INTELLIGENCE REPORT

This intelligence report is based on the collective rating of information signals by the CEZD community, as acquired and selected from twenty-one disease news 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.

Most Relevant Signals 03.18.2019 – 03.24.2019

1

Disease: African Swine Fever (ASF)
Species affected: Swine
Location: Vietnam
Community Relevance Rating: 4.00

4.00
1 2 3 4 5

Number of weeks in intelligence report: 5

Description: ASF is continuing its spread through Vietnam with rapid pace. As of Mar 22, 2019 ASF outbreaks have been detected in 294 communes, 62 districts, 19 cities and provinces in the northern and central regions, including the capital city of Hanoi.

There is also informal information from animal feed companies and animal raising associations that outbreaks of ASF have spread to parts of Vietnam that border Cambodia's Ratanakkiri and Kratie provinces.

For more information: http://www.promedmail.org/direct.php?id=20190320.6377843

2

Disease: African Swine Fever (ASF)
Species affected: Swine
Location: China
Community Relevance Rating: 3.80

3.80
1 2 3 4 5

Number of weeks in intelligence report: 30

Description: ASF cases continue to be reported from China. Last week a new ASF outbreak was reported from Chongqing Municipality in Shizhu County.

Farmers and other industry insiders have also told Reuters that China's ASF epidemic is far more extensive than official reports suggest, making the disease harder to contain, potentially causing pork shortages and increasing the likelihood that it will spread beyond China's borders.

For more information: http://www.promedmail.org/direct.php?id=20190322.6381354

https://www.albertafarmexpress.ca/daily/piles-of-pigs-swine-fever-outbreaks-go-unreported-in-rural-china

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3

Disease: African Swine Fever (ASF)
Species affected: Swine
Location: Europe
Community Relevance Rating: 3.40

3.40
1 2 3 4 5

Number of weeks in intelligence report: 22

Description: ASF cases continue to be reported from Europe. Last week, ASF cases were reported in wild boar from: Belgium, Hungary, Latvia, and Romania. Meanwhile, Romania and Moldova also reported ASF cases in domestic swine.

In Belgium, the discovery of a dead wild boar infected with ASF between Les Fossés and Mellier has required adjustment of the restricted areas. The limits in zones 1 and 2 were expanded north in cooperation with the European Commission. To date, 687 cases of ASF have been detected in wild boar.

For more information: http://www.promedmail.org/direct.php?id=20190319.6375157

4

Disease: Virulent Newcastle Disease (vND)
Species affected: Avian
Location: USA, California
Community Relevance Rating: 3.20

3.20
1 2 3 4 5

Number of weeks in intelligence report: 27

Description: News of a Virulent Newcastle Disease detected in a rooster in Redwood City on Mar 14, 2019 has alarmed the Bay Area's poultry community, since it indicates that vND has moved north from Southern California. The new case, the 1st ever in Northern California, likely occurred in a bird transported from Southern California, where the outbreak began in backyard exhibition birds in Riverside County. Most infections have occurred among chickens raised at homes but there have been outbreaks in commercial poultry as well. On Dec 16, 2018 vND was reported in a commercial flock of 110,000 6-week-old layer chickens in Riverside County. Since then, a total of 4 commercial flocks, 8 flocks used for egg production and 1 flock of young hens have become infected in San Bernardino and Riverside counties.

For more information: http://www.promedmail.org/direct.php?id=20190318.6374363

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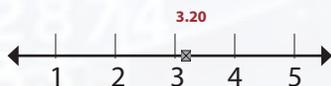Canadian Food Inspection Agency   Agence canadienne d'inspection des aliments

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Most Relevant Signals 03.18.2019 – 03.24.2019

5

Disease: Porcine Epidemic Diarrhea (PED)
Species affected: Swine
Location: Canada, Alberta
Community Relevance Rating: 3.20

3.20
1 2 3 4 5

Number of weeks in intelligence report: 5

Description: The fifth reported, fourth confirmed case of the porcine epidemic diarrhea (PED) virus has been discovered in Alberta. This outbreak follows four other reported PED cases in Alberta, one of which ended up being a false positive. The other cases were announced in January and February 2019, and earlier this month. In all cases, pig movements were stopped immediately following discovery of the disease.

For more information: https://www.farms.com/news/fifth-reported-fourth-confirmed-ped-case-in-alberta-144364.aspx

6

Disease: Chronic Wasting Disease (CWD)
Species affected: Cervid
Location: Canada, Saskatchewan
Community Relevance Rating: 3.00

3.00
1 2 3 4 5

Number of weeks in intelligence report: 1

Description: Chronic wasting disease is becoming more common across all parts of Saskatchewan and is now considered endemic in certain areas of the province. In a presentation to the Saskatchewan Association of Rural Municipalities it was stated that 349 cases of CWD were confirmed through the province's voluntary CWD testing program last year. Before last year, roughly 450 cases of the disease were documented in Saskatchewan over a 20-year period. The disease is most prevalent in the Lloydminster area, the Love-Nipawin region of northeastern Saskatchewan and in parts of the South Saskatchewan River Valley, where infection rates among the wild deer population are estimated at around 40 percent.

For more information: https://www.producer.com/2019/03/confirmed-cases-of-cwd-up-sharply-in-sask/

7

Disease: Classical Swine Fever (CSF)
Species affected: Swine
Location: Japan, Gifu Prefecture
Community Relevance Rating: 3.00
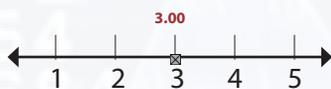
3.00
1 2 3 4 5

Number of weeks in intelligence report: 11

Description: On Mar 23, Japan announced a 12th farm (10th in Gifu Prefecture) has tested positive for the classical swine fever (CSF).The twelve farm outbreaks to date only tell part of the story, as the virus is also spreading through wild boar in central Japan. The most recent OIE Notification adds nine more wild boar to the list of CSF positive pigs brining the total positive to 215.

For more information: http://afludiary.blogspot.com/2019/03/japan-maff-12th-farm-outbreak-of.html

8

Disease: Foot and Mouth Disease (FMD)
Species affected: Cattle
Location: North & South Korea
Community Relevance Rating: 3.00

3.00
1 2 3 4 5

Number of weeks in intelligence report: 1

Description: In the wake of the South Korean government's battle to prevent the spread of foot-and-mouth disease (FMD) following an outbreak in three farmhouses in the cities of Anseong and Chungju earlier this year, North Korean livestock industry insiders have reported that Pyongyang is also struggling with a nationwide spread of FMD that began in the middle of January. Multiple sources across three regions of North Korea reported that FMD outbreaks in their respective areas have led to the death of many work cattle on collective farms.

For more information: https://en.mercopress.com/2019/03/18/foot-and-mouth-disease-spreads-to-the-whole-of-the-korean-peninsula

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