Immediate notification report

Report reference: REF OIE 29656, Report Date: 22/02/2019, Country: Spain

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Animal type: Terrestrial
Date of report: 22/02/2019
Disease: Bovine spongiform encephalopathy
Date of start of the event: 24/01/2019
Causal Agent: Prion (atypical BSE type H)
Date of confirmation of the event: 19/02/2019
Reason: Recurrence of a listed disease
Date of last occurrence: 23/11/2017

Number of reported outbreaks: submitted= 1, Draft= 0
Clinical signs: No

Province: Castilla Y Leon- (this report - submitted)
District: ZAMORA
Sub-district: Farm
Unit Type: El Piñero
Location: 41.358463, -5.584538
Start Date: 24/01/2019
End Date: 19/02/2019

Species: Cattle
Number of outbreaks: 1
District: ZAMORA
Sub-district: Farm
Unit Type: El Piñero
Location: 41.358463, -5.584538
Start Date: 24/01/2019
End Date: 19/02/2019

Species:
Cattle
Measuring units: 465
Susceptible: 1
Cases: 1
Deaths: 0
Killed and disposed of: 0
Slaughtered: 0

Epidemiology

On January 25th, 2019, the Central Veterinary Laboratory in Algete (National Reference Laboratory for TSEs, accredited under UNE-EN ISO/IEC 17025:2005 standard), received a nerve tissue sample suspected of infection by bovine spongiform encephalopathy (BSE) from the accredited Regional Laboratory for Animal Health in Villaquilambre, León (official regional laboratory), after a positive result was obtained through a Bio-Rad TeSeE SAP rapid test.

The NRL carried out the confirmation tests authorized according to EU Regulation No. 1148/2014. The selected combined tests were Bio-Rad TeSeE Wb confirmation Western blot and ELISA (Idexx HerdChek BSE-Scrapie Antigen Test Kit) and positive results were obtained for both tests. Afterwards, tests for BSE strain discrimination were carried out through hybrid immunoblotting with antibodies against PrP, confirming atypical BSE (H type strain).

The sample was taken within the national TSE surveillance program (sampling of dead or non-slaughtered for human consumption animals over 48 months old).

The animal was a Holstein-like bred cow born on July 30th, 2013.

Source of the outbreak(s) or origin of infection
• Unknown or inconclusive

Measures applied
• traceability
• official disposal of carcasses, by-products and waste
• selective killing and disposal
• disinfection

Animals treated
Vaccination Prohibited

Diagnostic test results

Laboratory Type: National laboratory
Name of Laboratory: Central Veterinary Laboratory in Algete
Species: Cattle
Test Type: western blot
Date results provided: 19/02/2019
Result: Positive

Future Reporting
The report and all its outbreaks have been resolved.
Outbreak maps