Immediate notification report
Report reference: REF OIE 23747, Report Date: 12/05/2017, Country : Spain

Report Summary

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Date submitted to OIE 12/05/2017

Animal type Terrestrial
Date of report 12/05/2017
Disease Bovine spongiform encephalopathy
Date of start of the event 27/04/2017
Causal Agent Prion (Atypical BSE type L)
Date of confirmation of the event 05/05/2017
Reason Recurrence of a listed disease
Date of last occurrence 10/03/2017
Country or zone a zone or compartment
Diagnosis Laboratory (advanced)
Number of reported outbreaks submitted= 1, Draft= 0
Clinical signs No

Outbreak details

Province Number of outbreaks District Sub-district Unit Type Location Latitude Longitude Start Date End Date:
CANTABRIA- (this report - submitted) CANTABRIA Farm Camargo 43.433769 -3.8651869 27/04/2017 10/05/2017

Species Measuring units Susceptible Cases Deaths Killed and disposed of Slaughtered
Cattle Animals 51 1 0 1 0

Affected Population A case positive to type L BSE. Cohort localized. Investigation ongoing.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species Susceptible Cases Deaths Killed and disposed of Slaughtered
Cattle 51 1 0 1 0

Epidemiology

Epidemiological comments

On April 28th, 2017, the Central Veterinary Laboratory at Algete (National Reference Laboratory for transmissible spongiform encephalopathies accredited under UNE-EN ISO/IEC 17025:2005) received a brainstem sample suspected to be BSE-positive from the regional accredited animal health laboratory of Cantabria (official regional laboratory) after a positive result was obtained through the Bio-Rad TeSeE SAP rapid test.

The National Reference Laboratory undertook the confirmatory tests authorized according to Regulation (EU) No. 1148/2014. The selected assays associated were Western blot (Prionics) and ELISA (TeSeE SAP Bio-Rad). Following positive results to both assays, the National Reference Laboratory performed assays to discriminate the BSE strains by immunoblotting with results for atypical BSE type L on May 5th, 2017.

The sample was taken within the national TSE surveillance program (sampling of dead or non-slaughtered animals for human consumption over 48 months old). The animal was a crossbred (conjunto mestizo) female born on 25 February 2002.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied To be applied
• movement control inside the country • official destruction of animal products
• traceability
• official disposal of carcasses, by-products and waste
• selective killing and disposal
• disinfection

Animals treated Vaccination Prohibited

Diagnostic test results

Laboratory Type Name of Laboratory Species Test Type Date results provided Result
National laboratory Central Veterinary Laboratory, Algete Cattle western blot 05/05/2017 Positive
National laboratory Central Veterinary Laboratory, Algete Cattle electrommunotransfer blot assay (EITB) 05/05/2017 Positive

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