

## Immediate notification report

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

### Report Summary

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		<b>Date submitted to OIE</b>	22/02/2019

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	22/02/2019
<b>Disease</b>	Bovine spongiform encephalopathy	<b>Date of start of the event</b>	24/01/2019
<b>Causal Agent</b>	Prion (atypical BSE type H)	<b>Date of confirmation of the event</b>	19/02/2019
<b>Reason</b>	Recurrence of a listed disease	<b>Date of last occurrence</b>	23/11/2017
<b>Country or zone</b>	a zone or compartment	<b>Diagnosis</b>	Laboratory (advanced)
<b>Number of reported outbreaks</b>	submitted= 1, Draft= 0	<b>Clinical signs</b>	No

### Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Castilla Y Leon- (this report - submitted)	-	ZAMORA		Farm	El Piñero	41.358463	-5.584538	24/01/2019	19/02/2019
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cattle	Animals	465	1	1	0	0			
Affected Population									

### Outbreak summary: Total outbreaks = 1 (Submitted)

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

### Epidemiology

#### Epidemiological comments

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

Applied	To be applied
<ul style="list-style-type: none"> <li>• traceability</li> <li>• official disposal of carcasses, by-products and waste</li> <li>• selective killing and disposal</li> <li>• disinfection</li> </ul>	<ul style="list-style-type: none"> <li>• official destruction of animal products</li> </ul>
Animals treated	Vaccination Prohibited
No	No

### Diagnostic test results

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

### Future Reporting

The report and all its outbreaks have been resolved.

## Outbreak maps

