

Immediate notification report

Report reference: REF OIE 22493, Report Date: 23/01/2017, Country : Ireland

Report Summary

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		Date submitted to OIE	24/01/2017

Animal type	Terrestrial	Date of report	23/01/2017
Disease	Bovine spongiform encephalopathy	Date of start of the event	13/01/2017
Causal Agent	BSE prion	Date of confirmation of the event	14/01/2017
Reason	Reoccurrence of a listed disease	Date of last occurrence	25/06/2015
Country or zone	the whole country	Diagnosis	Laboratory (advanced)
Number of reported outbreaks	submitted= 1, Draft= 0	Clinical signs	Yes

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GALWAY- (this report - submitted)	-			Farm	Loughrea	53.1989	-8.5658	13/01/2017	18/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Cattle	Animals	3	1	0	3	0			
Affected Population	One case animal, two cohorts alive (there were 218 cohorts electronically, all of which are dead). The two alive cohorts were slaughtered and disposed of yesterday (23/01/2017) and were rapid tested last night. The case animal gave birth to 12 progeny all of which are either dead.								

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Cattle	3	1	0	3	0

Epidemiology**Epidemiological comments**

On 14th January, the Department of Agriculture, Food and the Marine (DAFM) was advised of a positive result to a rapid screening test (Idexx HerdChek BSE/Scrapie Antigen Test Kit using the Ultra-Short protocol) carried out by an accredited private laboratory approved by the competent authority. The suspect animal was sampled by DAFM staff at a knackery as part of the on-going official sampling of all fallen (died on farm) animals of 48 months and older. The sample material and the brain were subsequently forwarded to the National Reference Laboratory (NRL) where samples from different brain areas were subject to confirmatory testing using an OIE-approved confirmatory Western blot method, a two-blot protocol for the classification of BSE isolates. All the samples had an identical molecular pattern indicating atypical L Type BSE. In accordance with NRL protocols, samples from the animal were then sent for histopathology and immunohistochemistry on the medulla of the brain. These are further OIE confirmatory testing methods for BSE. Results of these tests are due this week.

Final confirmatory test results were received from the NRL on 18th January 2017 confirming the case to be atypical L type BSE.

The animal was an Aberdeen Angus female, born on 5 March 1998. The animal was born in a herd in County Cork and it moved early in its life to the herd in Galway where it remained for the rest of its life. The farmer reported that the animal had appeared stiff for 2 weeks prior to death. On 11th January the animal was recumbent but it recovered and it became recumbent again on the morning of January 13th. The decision was taken to euthanize the animal then. The animal remained eating and drinking at all times.

Source of the outbreak(s) or origin of infection

Epidemiological comments

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Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Warning

```
: include(D:\Client\www.oie.int\fichiers\wahis_2\wahis\../temp/compiled%%0A^0A7^0A7578A8%%pdfcolumnListSlot.tpl.php) [
```

```
function.include
```

```
]; failed to open stream: No such file or directory in
```

```
D:\Client\www.oie.int\fichiers\wahis_2\library\smarty\Smarty.class.php
```

```
on line
```

```
1870
```

Warning

```
: include() [
```

```
function.include
```

```
]: Failed opening 'D:\Client\www.oie.int\fichiers\wahis_2\wahis\../temp/compiled%%0A^0A7^0A7578A8%%pdfcolumnListSlot.tpl.php' for inclusion
```

```
(include_path='D:\Client\www.oie.int\fichiers\wahis_2\wahis;D:\Client\www.oie.int\fichiers\wahis_2\wahis\../resource/classes;D:\Client\www.oie.int\fichiers\wahis_2\wahis\plugins;D:\Client\www.oie.int\fichiers\wahis_2\wahis\../library;D:\Client\www.oie.int\fichiers\wahis_2\wahis/modules/;C:\php5\pear') in
```

```
D:\Client\www.oie.int\fichiers\wahis_2\library\smarty\Smarty.class.php
```

```
on line
```

```
1870
```

Animals treated	Vaccination Prohibited
No	No

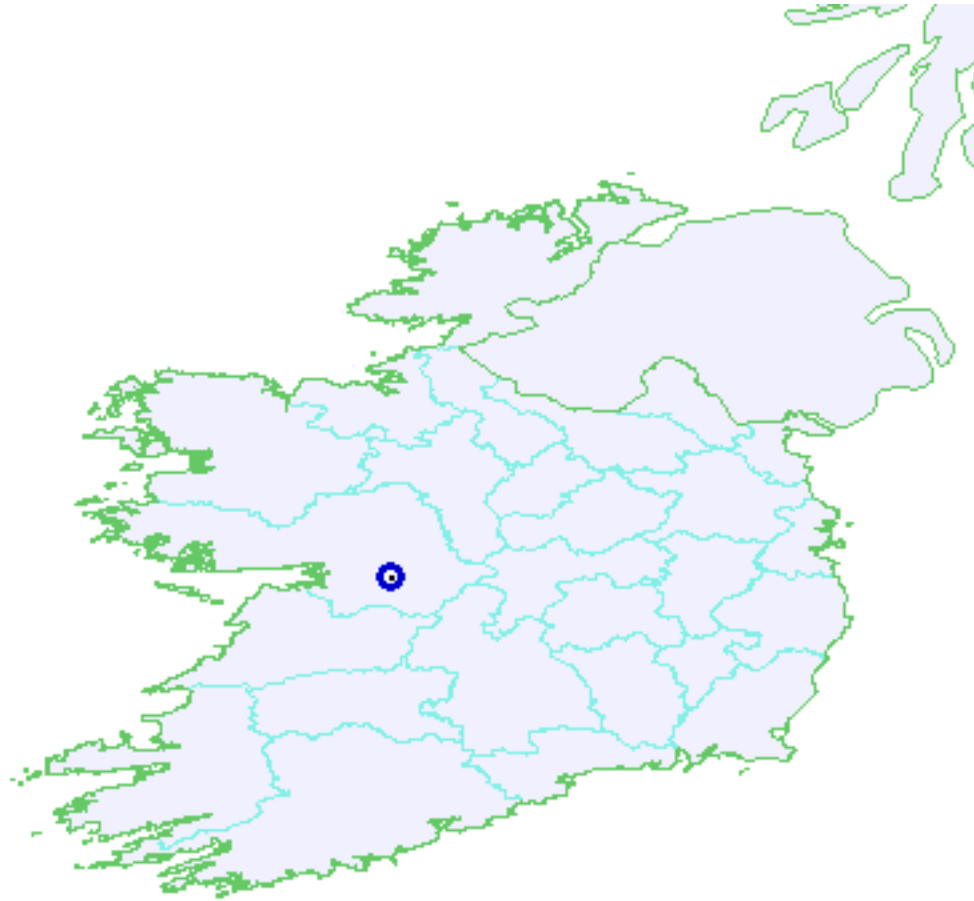
Diagnostic test results




Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Central Veterinary Research Laboratory	Cattle	immunohistochemical test		Pending
National laboratory	Central Veterinary Research Laboratory	Cattle	histopathological examination		Pending
National laboratory	Central Veterinary Research Laboratory	Cattle	western blot	18/01/2017	Positive
Private Laboratory	Enfer laboratories	Cattle	rapid tests	14/01/2017	Positive

Future Reporting

The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps



-  Resolved (domestic)
-  International Boundaries
-  Administrative Boundaries