

Immediate notification (Final report)

06/09/2021

The event is resolved. No more follow-up reports will be submitted.

Sender	Country/territory	Report ID
Delegate of Brazil	Brazil	IN_151514
Event status	Self-declaration	
Resolved	No	

General information

Country or zone - Country	Disease - Bovine spongiform encephalopathy	Started on - 25/06/2021
Animal type - Terrestrial	Confirmed on - 03/09/2021	Causal agent - Prion (atypical BSE type H)
Ended on - 03/09/2021	Disease category - OIE-listed	Reported on - 03/09/2021
Last occurrence - 05/04/2019	Reason - Recurrence	

Epidemiology

Source of the event or origin of the infection - Unknown or inconclusive

Epidemiological comments The Brazilian Bovine Spongiform Encephalopathy (BSE) Surveillance System detected a case of atypical BSE, type H. The sample was taken from a 11-year-old beef cow destined for emergency slaughter in a slaughterhouse. After detection of the presence of prion antigens at the National Agricultural Defence Laboratory of the state of Pernambuco (LFDA/PE), the samples were sent to the OIE Reference Laboratory for BSE at the Canadian Food Inspection Agency in Lethbridge, Alberta. The results of the confirmatory test were obtained on September 3, 2021.

This is the fifth case of atypical BSE identified during 23 years of surveillance in Brazil. The last case was detected in 2019.

This case and the case reported in the State of Minas Gerais are isolated events, detected at dates close to each other.

The specified risk materials were duly removed and destroyed. The meat and other products of this animal will not enter the food chain and do not represent a risk to ruminant populations.

The investigation has been completed.

Control measures at event level

Domestic control measures

- Applied
- Quarantine
 - Traceability
 - Screening
 - Selective killing and disposal
 - Official disposal of carcasses, by-products and waste

Wild control measures

Diagnostic

Clinical signs - No

Method of diagnostic - Diagnostic test

Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until	Result
Antigen detection Western blot (Ag Western blot)	Immunological methods for antigen or protein detection	Field Test	Canadian Food Inspection Agency (CFIA), National Centre for	Cattle	1	03/09/2021		Positive

			Animal Disease (NCAD), Lethbridge Laboratory OIE Reference Laboratory						
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Quantitative data summary

Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Cattle	New	539	1	0	1	0	0	-	-
Cattle	Total	539	1	0	1	0	0	-	-
All species	New	539	1	0	1	0	0	-	-
All species	Total	539	1	0	1	0	0	-	-

Outbreaks

ob_90415-Colíder

Outbreak reference - 51032050002 Started on - 25/06/2021 First administrative division - Mato Grosso
 Ended on - 03/09/2021 Second administrative division - Colíder Epidemiological unit - Farm
 Geographic coordinates - Third administrative division - Colíder Location - Colíder
 -10.406777,
 -55.598138

Description of the affected population Eleven-year-old cow, from a beef cattle farm, submitted to emergency stamping out.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Cattle	New	Animal	539	1	0	1	0	0
Cattle	Total	Animal	539	1	0	1	0	0
All species	New	Animal	539	1	0	1	0	0
All species	Total	Animal	539	1	0	1	0	0

Map legend

OUTBREAKS REPRESENTATION ON MAP

OUTBREAKS NATURE

Single / Cluster

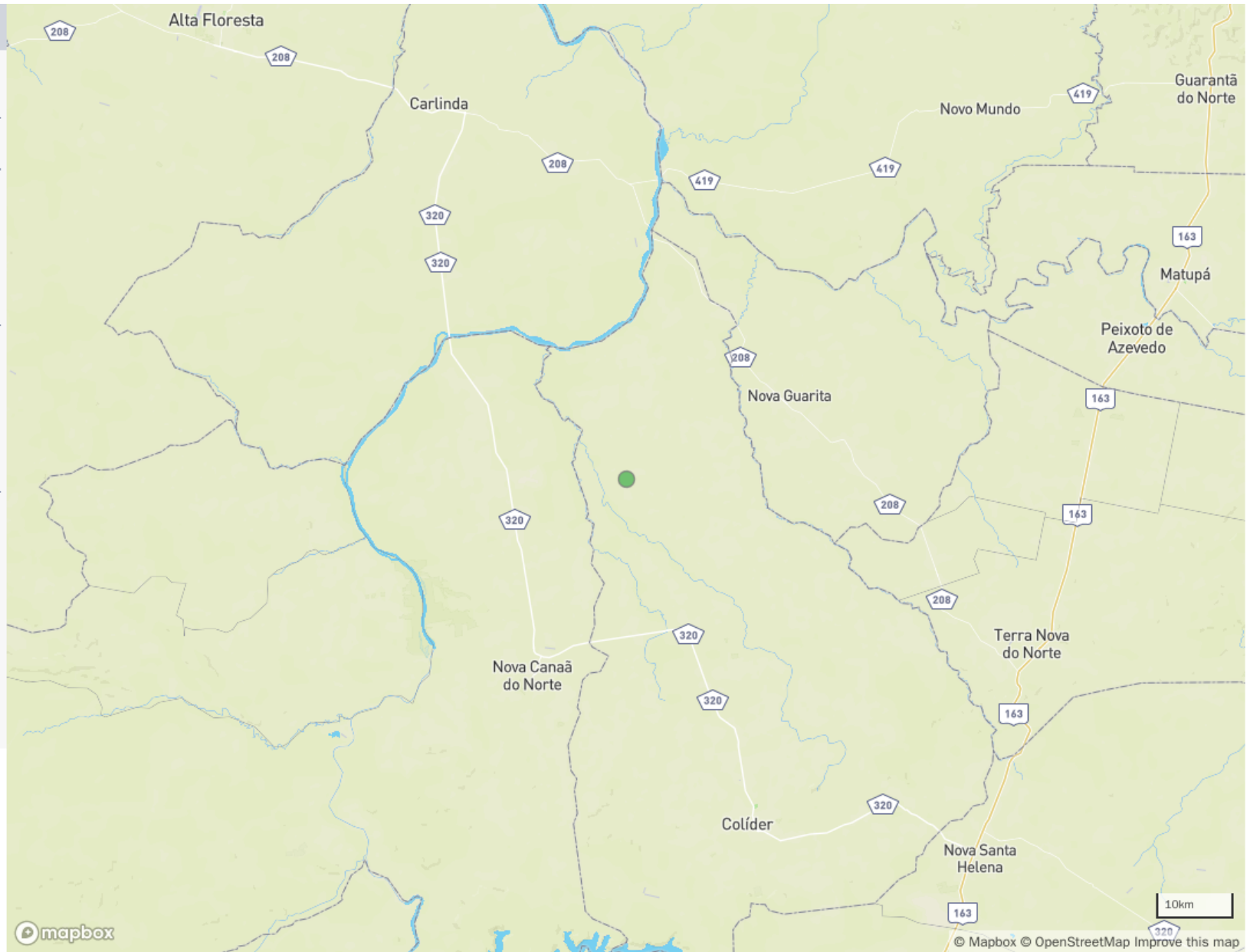
- Domestic species ● ○
- Wild species ▲ △
- Domestic & Wild 🏠 🏠

OUTBREAKS STATUS

- Outbreak currently reported ●
- Ongoing outbreak ●
- Resolved outbreak ●

AGGREGATION REPRESENTATION

- < 20 outbreaks 11
- 20 - 100 outbreaks 50
- > 100 outbreaks 120



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