

Eradication: Final report for Transmissible Spongiform Encephalopathies 2018

For each approved annual or multi-annual programme Member States shall submit to the Commission by the 30 April each year an annual detailed technical and financial report covering the previous year. That report shall include the results achieved and a detailed account of eligible costs incurred (Art 14 of Regulation (EU) No 652/2014).

This form is for information only, no submission possible.

ID: 20190419-YZJRTCQV

Country code: BG

Reporting period

From: 2017

To: 2018

Year of implementation: 2018

1. Technical implementation of the programme

1.1 Description and evaluation of the evolution of the epidemiological situation, the technical implementation of the activities foreseen under the programme and the cost-effectiveness of the programme.

Since 2002, the National Veterinary Service* of Bulgaria (Bulgarian Food Safety Agency, since 25.01.2011) carries out strict active surveillance of TSE in ruminants under the requirements of Regulation (EC) No 999/2001 of the European Parliament and of the Council of 22 May 2001 laying down rules for the prevention, control and eradication of certain transmissible spongiform encephalopathies and its amendments. Since then no BSE positives have been detected in Bulgaria. In 2008 - 4 scrapie cases in sheep were detected on the territory of Bulgaria. In 2009 two scrapie cases (one goat and one sheep) were confirmed and in 2010 - another 6 cases were detected in sheep and goats (2 sheep and 2 goats positives from one herd + 1 sheep and 1 goat from other separate herds). In 2011 no positive scrapie cases were found. 2 cases of classical scrapie in sheep were detected in 2012, as well as 2 cases of atypical scrapie. In 2013 there were no positive results for scrapie. In 2014 3 cases of classical scrapie were detected and in 2015 one classical scrapie case was found in a goat. In 2016 13047 small ruminants (of which 11195 ovine animals and 1852 caprine animals) were tested for TSE. Four cases were confirmed positive (two cases in ovine animals (atypical scrapie) and two in caprine animals (classical scrapie). In 2017 totally 29 938 bovine animals were tested for BSE and no positive cases were confirmed. In 2017, 20 297 small ruminants over 18 months were tested and 3 cases were confirmed positive for scrapie: 2 cases in caprine animals (both classical cases) and 1 case in ovine animal (classical case). In 2018, 30 953 samples from bovine

animals have been tested for BSE agent. No positive case have been confirmed. Last Year 21 631 samples from Ovine and Caprine animals have been investigated for Scrapie agent. Ten scrapie cases have been detected, 5 in sheep and 5 in goats. All of them were further determined as classical type of Scrapie and all of them are found in animals slaughtered for human consumption.

1.2 Details on the level of achievement of the targets set in the approved programme and technical difficulties.

Program objectives:

- Surveillance of transmissible spongiform encephalopathies in ruminants (bovine spongiform encephalopathies – BSE and scrapie in small ruminants) in the Republic of Bulgaria and testing of sheep for resistance to scrapie.
- Rapid detection of transmissible spongiform encephalopathies in ruminants and immediate implementation of safety measures for limiting the spread of products from infected animals and eradication of the infection.
- Ensuring consumer safety in the consumption of meat and products obtained from ruminants.
- To provide evidence that the Republic of Bulgaria carries out control on the diseases belonging to the group of transmissible spongiform encephalopathies in the frame of intra-Community trade and international trade network.

The programme includes measures the following measures:

- Monitoring of 20 000 healthy slaughtered bovine animals above 30 months of age. (Completed)
- Monitoring of at least 5000 risk bovine animals above 24 months of age (including emergency slaughtered, clinical signs at AM, fallen stock) and all ages of BSE suspects. (Partially implemented)
- Monitoring of 10 000 healthy slaughtered ovine animals above 18 months of age; (Completed)
- Monitoring of 10 000 fallen ovine animals; (Partially implemented)
- Monitoring of 1500 fallen caprine animals; (Partially implemented)
- Genotyping of all animals found positive for TSE in accordance with pt. 8.1., Annex III of Regulation (EC) No 999/2001; (not implemented)
- Control measures if BSE/TSE cases are confirmed. (Partially implemented)

1.3 Epidemiological maps for infection and other relevant data on the disease/activities (information on serotypes involved,...) (Please attach files of data using the PDF attachment feature) Use the textbox below to provide clarifications for the maps you attach, if needed.

Map for the Scrapie cases in Bulgaria is attached.

2. Tables for TSE monitoring outcome of the year

VERY IMPORTANT: Please fill out the following tables with figures corresponding to measures performed during the implementing period (1/1 to 31/12).

NB: the Regulation (EC) No 999/2001 is thereafter quoted as the TSE Regulation.

Table A

	Total positive cases detected during the implementing period		
	Classical cases	Atypical cases	Unknown
TSE	0	0	0
Scrapie (ovine animals)	5	0	0
Scrapie (caprine animals)	5	0	0

Table B

RAPID TESTS ON BOVINE ANIMALS		
	Age limit applied (in months)	Number of tests cases
Risk bovine animals from MSs listed in Annex to Decision 2009/719/EC	0	0
Risk bovine animals from MSs NOT listed in Annex to Decision 2009/719/EC	24	3,879
Healthy slaughtered bovine animals from MSs listed in Annex to Decision 2009/719/EC	0	0
Healthy slaughtered bovine animals from MSs NOT listed in Annex to Decision 2009/719/EC	30	27,074
Suspect animals and confirmatory tests		1
Total		30,954

Table C

Population of ewes and ewe lambs put to the ram in the Member State

		1000000
RAPID TESTS ON OVINE ANIMALS		
	Number of tests	
Healthy slaughtered ovine animals	19,650	
Dead ovine animals	342	
In the context of measures of control/eradication on holdings affected by TSE as described in Annexes III and VII of the TSE regulation		
Ovine animals from holdings affected by classical scrapie	0	
Ovine animals from holdings affected by atypical scrapie	0	
Ovine animals from holdings affected by BSE	0	
Suspect animals	0	
Total number of tests	19,992	

Table D

Population of goats which have already kidded and goats mated in the Member State

		250000
RAPID TESTS ON CAPRINE ANIMALS		
	Number of tests	
Healthy slaughtered caprine animals	1,526	
Dead caprine animals	113	
In the context of measures of control/eradication on holdings affected by TSE as described in Annexes III and VII of the TSE regulation		
Caprine animals from holdings affected by classical scrapie	0	
Caprine animals from holdings affected by atypical scrapie	0	
Caprine animals from holdings affected by BSE	0	
Suspect animals	0	
Total number of tests	1,639	

Table E

Confirmatory and discriminatory tests		
	Number of tests	
Confirmatory tests other than rapid tests on bovine animals	0	
Confirmatory tests on ovine and caprine animals	22	
Discriminatory tests on bovine animals	0	
Discriminatory tests on ovine and caprine animals	22	
Total number of confirmatory tests	22	
Total number of discriminatory tests	22	

Table F

Genotyping tests		
	Number of tests	
Positive TSE case	0	
Randomly selected ovine animals	0	
Animals in scrapie infected flocks	0	
Breeding programme - ewes	0	
Breeding programme - rams	0	
Total of number of tests	0	

Table G

COMPENSATION FOR ANIMALS In the context of suspicion, control and eradication of TSEs		
Animals culled and destroyed	Number of animals compensated	

Bovine animals		0
Ovine animals		0
Caprine animals		0
Animals slaughtered	Number of animals compensated	
Ovine animals		0
Caprine animals		0
Total Bovine		0
Total Ovine + Caprine		0

COMMENT / ADDITIONAL CLARIFICATION

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