



EUROPEAN COMMISSION
HEALTH & CONSUMERS DIRECTORATE-GENERAL

Unit G5 - Veterinary Programmes

SANCO/10727/2012

*Programmes for the eradication, control and monitoring of certain
animal diseases and zoonoses*

Survey programme for Transmissible Spongiform Encephalopathies (TSEs)

Approved* for 2012 by Commission Decision 2011/807/EU

Czech Republic

* in accordance with Council Decision 2009/470/EC

Standard requirements for the submission of programmes of eradication and monitoring of TSE

version : 2.1

1. Identification of the programme

Member state : CESKA REPUBLIKA

Disease : Transmissible Spongiform Encephalopathies

Request of co-financing for the year :

2012

1.1 Contact

Name : Petr Satran, DVM

Phone : +420227010150

Fax. : +420227010195

Email : epiz@svscr.cz

2. Description of the programme

(max. 32000 chars) :

The aim of the programme is to detect any case of TSE and prevent them from entering the food or feed chain thus, eventually, eradicating the diseases and preventing them from causing hazard to public or animal health. The program is lay down in accordance with Regulation (EC) No 999/2001 as amended of the European Parliament and of the Council.

3. Description of the epidemiological situation of the disease

(max. 32000 chars) :

First occurrence of BSE was reported in the Czech Republic during the year 2001. Since this time a comprehensive national surveillance programme has been adjusted and applied thirty positive cases of

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BSE have been recorded in the CR to the end of the year 2010. Since 2008, Czech Republic has OIE certificate for BSE status as country with controlled risk for BSE.

4. Measures included in the programme

4.1 Designation of the central authority in charge of supervising and coordinating the departments responsible for implementing the programme

(max. 32000 chars):

The central authority competent for supervising and coordinating all activities in veterinary care is the State Veterinary Administration of the Czech Republic (SVA), which performs its powers at the whole territory of the Czech Republic (§ 47, Veterinary Act No 166/1999 Col. of Acts). SVA coordinates the activities of 14th Regional Veterinary Administrations.

The competent authority confirms its commitment to submit a complete report on actions and expenditures in the framework of this programme and to provide additional information when request by the Commission.

4.2 Description and delimitation of the geographical and administrative areas in which the programme is to be applied

(max. 32000 chars):

The program will be applied in whole territory of the Czech Republic.

4.3 System in place for the registration of holdings

(max. 32000 chars):

Holdings in the Czech Republic are registered in the database of farms in accordance to the provisions of the act No. 154/2000, as amended, Breeding Act and corresponding Decree No. 136/2004 laying down details for identification of animals and their registration and registration of holdings and person established by Breeding Act.

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4.4 System in place for the identification of animals

(max. 30000 chars) :

Bovine animals in the Czech are identify by eartags and they are registered in the Central Bovine Database. Animals in the Czech Republic are registered in the database in accordance to the provisions of the act No. 154/2000, as amended, Breeding Act and corresponding Decree No. 136/2004 laying down details for identification of animals and their registration and registration of holdings and person established by Breeding Act.

4.5 Measures in place as regards the notification of the disease

(max. 32000 chars) :

Measures in place are to the provisions of the Veterinary Act No. 166/1999, as amended that is in accordance with Regulation (EC) No 999/2001 as amendment. In the case of positive test result all the measures required by the EC legislation will be applied. Positive animal in the herd as well as cohort animals and progeny of the positive animal are killed and completely destroyed. No parts of the animals can end up at the food or feed chain. Food that may transmit the disease are traced and pulled back from retail.

4.6 Monitoring

4.6.1 Monitoring in bovine animals

	Estimated number of tests	
Animals referred to in Annex III, Chapter A, Part I, point 2.1, 3 and 4 of Regulation (EC) No 999/2001 of the European Parliament and of the Council	25 000	
Animals referred to in Annex III, Chapter A, Part I, point 2.2 of Regulation (EC) No 999/2001	85 000	
Other please specify here		X
	Add a new row	

4.6.2 Monitoring in ovine animals

Estimated population of adult ewes and ewe lambs put to the ram

230 000

	Estimated number of tests	
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Ovine animals referred to in Annex III, Chapter A, Part II, point 2 of Regulation (EC) No 999/2001	0	
Ovine animals referred to in Annex III, Chapter A, Part II, point 3 of Regulation (EC) No 999/2001	1 500	
Ovine animals referred to in Annex III, Chapter A, Part II, point 5 of Regulation (EC) No 999/2001	100	
Ovine animals referred to in Annex VII, Chapter A, point 3.4(d) of Regulation (EC) No 999/2001	100	
Ovine animals referred to in Annex VII, Chapter A, point 5(b)(ii) of Regulation (EC) No 999/2001	100	
Other please specify here		X
	Add a new row	

4.6.3 Monitoring in caprine animals

Estimated population of female goats and female kids mated

	Estimated number of tests	
Caprine animals referred to in Annex III, Chapter A, Part II, point 2 of Regulation (EC) No 999/2001	0	
Caprine animals referred to in Annex III, Chapter A, Part II, point 3 of Regulation (EC) No 999/2001	300	
Caprine animals referred to in Annex III, Chapter A, Part II, point 5 of Regulation (EC) No 999/2001	50	
Caprine animals referred to in Annex VII, Chapter A, Part II, point 3.3(c) of Regulation (EC) No 999/	0	
Caprine animals referred to in Annex VII, Chapter A, Part II, point 5(b)(ii) of Regulation (EC) No 999	0	
Other please specify here		X
	ADD A NEW ROW	

4.6.4 Discriminatory tests

	Estimated number of tests	
Primary molecular testing referred to in Annex X, Chapter C, point 3.2(c)(i) of Regulation (EC) No 999	5	

4.6.5 Genotyping of positive and randomly selected animals

	Estimated number	
Animals referred to in Annex III, Chapter A, Part II, point 8.1 of Regulation (EC) No 999/2001	30	

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Animals referred to in Annex III, Chapter A, Part II, point 8.2 of Regulation (EC) No 999/2001	100
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4.7 Eradication

4.7.1 Measures following confirmation of a BSE case

4.7.1.1 Description

(max. 32000 chars) :

- all parts of the body of the animal shall be completely destroyed
- an inquiry shall be carried out to identify all animals at risk
The inquiry must be identifying:
? All other ruminants on the holding of the animal in which the disease confirmed
? Where the disease was confirmed in a female animal, its progeny born within two years prior to, or after, clinical onset of the disease
? All animals of the cohort of the animal in which the disease was confirmed
? The possible origin of the disease
? Other animals on the holding of the animal in which the disease was confirmed or on other holdings, which have may become infected by TSE agent or been exposed to the same feed or contamination sours
? The movement of potentially contaminated feeding stuffs, of other material or any other means of transmission, which may have transmitted TSE agent to or from the holding in question

? All animals and products of animal origin that have been identified as being at risk by the inquiry shall be killed and completely destroyed.

4.7.1.2 Summary table

	Estimated number
Animals to be killed under the requirements of Annex VII, Chapter A, point 2.1 of Regulation (EC) No 999/2001	100

4.7.2 Measures following confirmation of a scrapie case

4.7.2.1 Description

(max. 32000 chars) :

In the case of confirmation of TSE in an ovine or caprine animal:
(a) either the killing and complete destruction of all animals, embryos and ova
(b) the killing and complete destruction of all animals, embryos and ova with the exception of:
? breeding rams of the ARR/ARR genotype,
? breeding ewes carrying at least one ARR allele and no VRQ allele, and
? sheep carrying at least one ARR allele which is intended solely for slaughter;

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In the case of confirmation of BSE in an ovine or caprine animal, killing and complete destruction of all animals, embryos and ova identified.

4.7.2.2 Summary table

	Estimated number
Animals to be killed under the requirements of Annex VII, Chapter A, point 2.3 of Regulation (EC) No 999/2001	100
Animals to be genotyped under the requirements of Annex VII, Chapter A, point 2.3 of Regulation (EC) No 999/2001	70

4.7.3 Breeding programme for resistance to TSEs in sheep

4.7.3.1 General description

Description of the programme according to the minimum requirements set out in Annex VII, Chapter B of Regulation (EC) No 999/2001

(max. 32000 chars) :

Only the following animals may be introduced to the holding(s) where destruction has been undertaken.

- (a) male sheep of the ARR/ARR genotype;
- (b) female sheep carrying at least one ARR allele and no VRQ allele;
- (c) caprine animals provided that:

- no breeding ovine animals other than those referred to in points (a) and (b) are present on the holding,
- thorough cleaning and disinfection of all animal housing on the premises has been carried out following destocking,
- the holding shall be subjected to intensified TSE monitoring, including the testing of all culled and dead-on-farm caprine animals over the age of 18 months.

Only the following ovine germinal products may be used in the holding(s) where destruction has been undertaken:

- (a) semen from rams of the ARR/ARR genotype;
- (b) embryos carrying at least one ARR allele and no VRQ allele.

4.7.3.2 Summary table

	Estimated number
Ewes to be genotyped under the framework of a breeding programme referred to in Article 6a of Regulation (EC)	4 000
Rams to be genotyped under the framework of a breeding programme referred to in Article 6a of Regulation (EC)	1 000

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5. Costs

5.1 Detailed analysis of the costs

(max. 32000 chars) :

There were about 1 380 090 cattle animals in the Czech Republic at 31. 12. 2010. The overall structure of the cattle population has remained the same during the last few years and no major changes. The number of adult sheep is and number of adult goats is. The number of sheep and goats is growing. Thus the number of animals subjected to TSE testing in 2012 is not expected to change dramatically from the year 2009 and 2010 unless the EC monitoring programmes will be amended.

An estimate of 160 000 bovines, 1 800 sheep and 350 goats are to be tested for TSEs during 2012. All fallen stock and emergency slaughtered cattle over 24 months of age and all normally slaughtered cattle over 30 months of age will be tested, if the current legislation remains unchanged . All sheep and goats older than 18 months fallen or killed stock to be tested in the framework of the national scrapie control programme.

An estimated of 5 000 sheep are planned to be subject to prion protein genotyping.

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5.2 Summary of costs

Costs related to	Specification	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
1. BSE testing					
Rapid tests	Prionics check Western blot, Prionics check PrioS ⁺	110 000	8	880000	yes X
				Add a new row	
Costs related to	Specification	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
2. Scrapie testing					
Rapid tests	Idexx HerdChek scrapie, Prionics-Check Western, ⁺	2 150	25	53750	yes X
				Add a new row	
Costs related to	Specification	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
3. Discriminatory testing					
Primary molecular tests	Histology (H&E), Immunohistochemistry	5	175	875	yes X
				Add a new row	
Costs related to	Specification	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
4. Genotyping					
4.1 Determination of genotype of animals in the framework of the monitoring and eradication measures laid down by Regulation (EC) No 999/2001	SSCP, real-time PCR	200	10	2000	yes X

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Attachments

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- 1) The more files you attach, the longer it takes to upload them .
- 2) This attachment files should have one of the format listed here : [.zip](#), [.jpg](#), [.jpeg](#), [.tiff](#), [.tif](#), [.xls](#), [.doc](#), [.bmp](#), [.pna](#).
- 3) The total file size of the attached files should not exceed 2 500Kb (+- 2.5 Mb) . You will receive a message while attaching when you try to load too much.
- 4) IT CAN TAKE **SEVERAL MINUTES TO UPLOAD** ALL THE ATTACHED FILES. Don't interrupt the uploading by closing the pdf and wait until you have received a Submission Number!
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