EUROPEAN COMMISSION
HEALTH & CONSUMERS DIRECTORATE-GENERAL

Unit G5 - Veterinary Programmes

SANCO/10753/2012

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

Slovakia

* in accordance with Council Decision 2009/470/EC

1. Identification of the programme

Member state : SLOVENSKA REPUBLIKA

Disease : Transmissible Spongiform Encephalopathies

Request of co-financing for the year : 2012

1.1 Contact

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2. Description of the programme

(max. 32000 chars) :

Monitoring of BSE is performed in compliance with the Regulation No. 999/2001/EC. It is performed in animals slaughtered for human consumption, and in animals which have not been slaughtered for human consumption.

The aim of the Breeding programme for resistance of sheep to TSE is to select the resistance to TSE in sheep breeds which are of the domestic origin or they create a significant population on their territory.

Programme is aimed at flocks with high genetic value and at breeding rams included into mating.
In cooperation with the Union of sheep and goats breeders in Slovakia a list of breeding holdings was prepared, in which the programme will be performed.
At the same time the examination for genotyping becomes the condition of movement of breeding rams for further breeding – it means that all breeding rams will have to be examined prior to movement for a resistance to scrapie and the movement shall be permitted only in compliance with stated conditions.

*Standard requirements for the submission of programmes
of eradication and monitoring of TSE*
version : 2.1

3.   Description of the epidemiological situation of the disease

(max. 32000 chars) :

Embedded in the Annex 1

4.   Measures included in the programme

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

(max. 32000 chars) :

Central authority charged with supervising and coordinating the department responsible for implementing the programme is the State Veterinary and Food Administration of the Slovak Republic. Departments responsible for implementing the programme are Regional (8) and District (40) veterinary and food administrations.

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

(max. 32000 chars) :

The programme will be carried out on the whole territory of the Slovak Republic.

4.3   System in place for the registration of holdings

Standard requirements for the submission of programmes
of eradication and monitoring of TSE
version : 2.1

(max. 32000 chars) :

The basic condition at eradication is the animal identification stipulated by the Act 39/2007 Coll. according to which animals must be identified and their identification data must be registered with the central register of animals – Central Database of Livestock – database according to regulation EC 1760/2000 and regulation EC 21/2004.
Total number of registered cattle farms in central database as to 23.3.2011 - 22 534

Total number of registered sheep farms in central database as to 29.3.2011 - 6 714

Total number of registered goat farms in central database as to 29.3.2011 - 2 006

4.4   System in place for the identification of animals

(max. 30000 chars) :

The basic condition at eradication is the animal identification stipulated by the Act 39/2007 Coll. according to which animals must be identified and their identification data must be registered with the central register of animals – Central Database of Livestock – identification according to Regulation (EC) No 1760/2000 of the European Parliament and of the Council of 17 July 2000 establishing a system for the identification and registration of bovine animals and regarding the labelling of beef and beef products and repealing Council Regulation (EC) No 820/97 and according to Council Regulation (EC) No 21/2004 – sheep and goats.
Details on identification of cattle are indicated in the Decree of the Ministry of Agriculture of the Slovak Republic of 29 Jul 2007 No. 372/2007 on identification and registration of bovine and on keeping the central register of bovine.

Details on identification of sheep and goats are indicated in the Decree of the Ministry of Agriculture of the Slovak Republic of 26 July 2007 No. 371/2007 on identification and registration of sheep and goats and on keeping the central register of sheep and goats. In compliance with this decree the sheep and goats are identified with unique number.

4.5   Measures in place as regards the notification of the disease

(max. 32000 chars) :

An owner, holder, intermediary or importer, recipient, forwarder, seller or persons empowered to dispose of live animals, germinal products, products of animal origin, waste of animal origin and pathogens, animal by-products and selected products of plant origin, medicated feedingstuffs shall be obliged at control of animal diseases and notification of diseases to notify without any delay to the Veterinary Administration Authority of any suspicion of BSE as well as death of any animal, and to allow examination of such animal
- based on the § 37, paragraph 2, letter a) of the Act No. 39/2007 Coll.

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	10 000	
Animals referred to in Annex III, Chapter A, Part I, point 2.2 of Regulation (EC) No 999/2001	14 000	
Other please specify here	0	**X**
	Add a new row	

4.6.2   Monitoring in ovine animals

Estimated population of adult ewes and ewe lambs put to the ram   315 054

	Estimated number of tests	
Ovine animals referred to in Annex III, Chapter A, Part II, point 2 of Regulation (EC) No 999/2001	5 000	
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	2 500	
Ovine animals referred to in Annex VII, Chapter A, point 5(b)(ii) of Regulation (EC) No 999/2001	800	
Other please specify here	0	**X**
	Add a new row	

4.6.3   Monitoring in caprine animals

Estimated population of female goats and female kids mated   9 300

	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	100	
Caprine animals referred to in Annex III, Chapter A, Part II, point 5 of Regulation (EC) No 999/2001	0	
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	0	**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	10	

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	50	
Animals referred to in Annex III, Chapter A, Part II, point 8.2 of Regulation (EC) No 999/2001	100	

4.7   Eradication

4.7.1   Measures following confirmation of a BSE case

4.7.1.1 Description

(max. 32000 chars) :

According to Art. 13 of Regulation (EC) 999/2001
In Slovakia we decided not to kill and destroy all bovine animals on the holding of the animal in which

*Standard requirements for the submission of programmes
of eradication and monitoring of TSE*
version : 2.1

the disease was confirmed, depending upon the epidemiological situation and traceability of the animals on that holding.

Where the disease was confirmed in a female animal, its progeny born within two years prior to, or after, clinical onset of the disease is killed and also in all cases all animals of the cohort of the animal in which the disease was confirmed were killed.

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	40	

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 the killing and complete destruction of all animals, embryos and ova:

— in so far as they are identifiable, the parents, all embryos, ova and the last progeny of the animal in which the disease was confirmed,

— all other ovine and caprine animals on the holding of the animal in which the disease was confirmed in addition to those mentioned above,

with the exception of:

— breeding rams of the ARR/ARR genotype,

— breeding ewes carrying at least 1 ARR allele and no VRQ allele, and

— ovine carrying at least one ARR allele which are intended solely for slaughter,

Only the following animals may be introduced to the holding(s):

(a) male sheep of the ARR/ARR genotype;

(b) female sheep carrying at least 1 ARR allele and no VRQ allele;

(c) Caprine animals provided that:

— no ovine animals other than those of the ARR/ARR genotype are present on the holding,

— thorough cleaning and disinfection of all animal housing on the premises has been carried out following de-stocking,

— 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):

(a) semen from rams of the ARR/ARR genotype;

(b) embryos carrying at least 1 ARR allele and no VRQ allele.

*Standard requirements for the submission of programmes
of eradication and monitoring of TSE*
version : 2.1

Following the application on a holding of the measures:
(a) movement of ARR/ARR sheep from the holding shall not be subject to any restriction;
(b) sheep carrying only one ARR allele may be moved from the holding only to go directly for slaughter for human consumption or for the purposes of destruction;
(c) sheep of other genotypes may only be moved from the holding for the purposes of destruction.

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	20	
Animals to be genotyped under the requirements of Annex VII, Chapter A, point 2.3 of Regulation (EC) No 999/2001	6 000	

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) :

Programme is aimed at flocks with high genetic value and at breeding rams included into mating.
In cooperation with the Union of sheep and goats breeders in Slovakia a list of breeding holdings was prepared, in which the programme will be performed.
At the same time the examination for genotyping becomes the condition of movement of breeding rams for further breeding – it means that all breeding rams will have to be examined prior to movement for a resistance to scrapie and the movement shall be permitted only in compliance with stated conditions.

State veterinary institutes keep the database containing the following information:
a) registration numbers of all flocks included into the programme (CDL) with indication of a breed and number of animals,
b) identification numbers of individual animals from which the sample was taken,
c) results of tests for genotyping.

DVFA, after performance of the test for genotyping, shall issue a certificate for each sampled animal, in which an identification number of the animal as well as its genotype shall be indicated.

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

Standard requirements for the submission of programmes
of eradication and monitoring of TSE
version : 2.1

Specific rules for flocks included into the programme

a) all animals in a flock which are to be genotyped, shall be identified in compliance with the valid legislation
b) all rams prior to mating shall be examined by the test for genotyping
c) all rams with VRQ allele shall be either castrated or slaughtered within 6 months since determination of the genotype, no such animal can be moved, except for movement for slaughter to a slaughterhouse and no animal can be used for breeding
d) all female animals, which are carriers of VRQ allele, must not be moved from a holding, except for movement for a slaughter to a slaughterhouse
e) other male animals or semen from other male animals, which are not certified within this programme, must not be used in a flock for the purpose of mating
  Recognition of the status of sheep flocks in relation to resistance to scrapie

It is possible to grant to a flock the following 2 statutes
a) level I., if a flock consists of ARR/ARR genotype only
b) level II., if progeny of a flock originates from rams with ARR/ARR. genotype only

The competent DVFA grants the statutes on the basis of submission of an application of an owner of holder of animals. The part of the application shall be submission of the list of all animals in a flock together with respective certificates on genotyping.

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)	10 000	
Rams to be genotyped under the framework of a breeding programme referred to in Article 6a of Regulation (EC)	3 000	

5. Costs

5.1 Detailed analysis of the costs

(max. 32000 chars) :

NA

5.2 Summary of costs

1. BSE testing

Costs related to	Specification	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
Rapid tests	Test: Prionics-Check Western test Test: Prionics (	24 000	8.5	204000	yes
				Add a new row	X

2. Scrapie testing

Costs related to	Specification	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
Rapid tests	Test: Prionics-Check Western Small Ruminant test	10 000	15	150000	yes
				Add a new row	X

3. Discriminatory testing

Costs related to	Specification	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
Primary molecular tests	Test: VLA Hybrid WB	10	120	1200	yes
				Add a new row	X

4. Genotyping

Costs related to	Specification	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
4.1 Determination of genotype of animals in the framework of the monitoring and eradication measures laid down by Regulation (EC) No 999/2001	Method SSCP + Automatic sequencing analysis Automatic sequencing analysis	6 150	4	24600	yes
					X

		Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested	Add a new row
4.2 Determination of genotype of animals in the framework of a breeding programme	Method SSCP + Automatic sequencing analysis Automatic sequencing analysis	13 000	4	52000	yes	X
						Add a new row

5. Compulsory slaughter

Costs related to	Specification	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested	Add a new row
5.1 Compensation for bovine animals to be killed /slaughtered under the requirements of Annex VII, Chapter A, point 2.1 of Regulation (EC) No 999/2001	NA	40	500	20000	yes	X
						Add a new row
5.2 Compensation for ovine and caprine animals to be killed /slaughtered under the requirements of Annex VII, Chapter A, point 2.3 of Regulation (EC) No 999/2001	NA	20	70	1400	yes	X
						Add a new row
Total				453 200,00 €		

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

version : 2.1

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