



EUROPEAN COMMISSION
HEALTH & CONSUMERS DIRECTORATE-GENERAL
Unit 04 - Veterinary Control Programmes

SANCO/12994/2010

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

**Monitoring and eradication programme of TSE, BSE
and scrapie**

Approved* for 2011 by Commission Decision 2010/712/EU

United Kingdom

* in accordance with Council Decision 2009/470/EC

Program for Eradication : ANNEX 3

Submission number	1272622893572-338
Submission date	30/04/2010 12:21:34
1. Identification of the programme	
Country Geographical English Name	United Kingdom
Disease	Transmissible Spongiform Encephalopathies
Requestperiod From	2011
Requestperiod To	2011
1.1 Contact	
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2. Description of the programme

Epidemiological Surveillance and Eradication as required by Commission Decision 999/2001 as amended.

3. Description of the epidemiological situation of the disease

1. BSE

The number of cases of BSE in the UK fell by 69% from 37 in 2008 to 12 in 2009. 7 (58%) of these cases were born before 1 August 1996, the date the UK's reinforced feed ban (on feeding mammalian meat and bone meal to farmed livestock) is considered effective. The estimated prevalence of BSE infection in successive birth cohorts born after July 1996 is declining exponentially.

2. Classical Scrapie

Very few cases of classical scrapie were detected through passive surveillance in sheep and goats in the UK in 2009. In GB, the incidence rate of classical scrapie in sheep through active surveillance of fallen stock and animals slaughtered for human consumption (abattoir survey) fell from 0.03% in 2008 to 0.02% in 2009. No classical scrapie has been detected through active surveillance of fallen goats in 2009.

There were no cases of classical scrapie in sheep in 2009 in Northern Ireland out of a total of 1515 sheep tested under the active surveillance programme for fallen sheep, sheep slaughtered for human consumption (abattoir survey) and fallen sheep in scrapie monitored flocks.

No classical scrapie has been detected through active surveillance of fallen goats in Northern Ireland.

3. Atypical Scrapie

No cases of atypical scrapie were detected through passive surveillance in sheep and goats in the UK in 2009.

In GB, the incidence rate of atypical scrapie in sheep through active surveillance of fallen stock and animals slaughtered for human consumption has remained relatively constant (approximately 0.07%) since 2002.

In NI, there were no cases of atypical scrapie in 2009 out of a total of 1515 sheep tested under the active surveillance programme for fallen sheep, sheep slaughtered for human consumption (abattoir survey) and fallen sheep in scrapie monitored flocks.

Atypical scrapie has never been detected in goats in the UK.

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

Department of Environment, Food and Rural Affairs (Defra) representing The Scottish Government, Rural Directorate and Welsh Assembly Government, Department of Sustainability and Rural Development (WAG DSRD).

In Northern Ireland the Department of Agriculture and Rural Development (DARD)

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

United Kingdom (England, Scotland, Wales, and Northern Ireland)

4.3 System in place for the registration of holdings

Great Britain:

All agricultural holdings in Great Britain are allocated a unique holding number known as a "County, Parish and Holding" (CPH) number. On request for a CPH number the Customer Registration team of the Rural Payments Agency will clarify the County and associated Parish number for the land in the Rural Land Register. The next sequential Agricultural Holding number for that County:Parish is then allocated by the RITA computer system and the customer is informed in writing. The information is then transmitted electronically to the UK's Animal Health Agency (AH) and other systems falling under the Defra umbrella.

Northern Ireland:

All cattle herds in Northern Ireland are Registered with DARD and each herd is allocated a unique herd number. This information is held on the DARD Animal and Public Health Information System (APHIS) database. All sheep flocks and goat herds are registered with DARD and are allocated a unique flock/herd number. This information is held on the DARD database Animal and Public Health Information System (APHIS).

4.4 System in place for the identification of animals

4.5 Measures in place as regards the notification of the disease

The Transmissible Spongiform Encephalopathies (England) Regulations 2010
http://www.opsi.gov.uk/si/si2010/pdf/uksi_20100801_en.pdf

The Transmissible Spongiform Encephalopathies (Scotland) Regulations 2006 (SSI 2006/530) (as amended)
<http://www.opsi.gov.uk/legislation/scotland/ssi2006/20060530.htm>

The Transmissible Spongiform Encephalopathies (Wales) Regulations 2008 (WSI 2008/3154) (W.252)
http://www.opsi.gov.uk/legislation/wales/wsi2008/pdf/wsi_20083154_mi.pdf

The Transmissible Spongiform Encephalopathies Regulations (Northern Ireland) 2008
http://www.opsi.gov.uk/sr/sr2008/pdf/nisr_20080508_en.pdf

4.6 Monitoring	
4.6.1 Monitoring in bovine animals	
Description	Nbr
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	173,330
Animals referred to in Annex III, Chapter A, Part I, point 2.2 of Regulation (EC) No 999/2001	460,000
Annex III, Chapter A, Part 1, Point 5 (BSE Cohorts)	100
Sum:	633,430

4.6.2 Monitoring in ovine animals	
Description	Nbr
Ovine animals referred to in Annex III, Chapter A, Part II, point 2 of Regulation (EC) No 999/2001	10,600
Ovine animals referred to in Annex III, Chapter A, Part II, point 3 of Regulation (EC) No 999/2001	11,400
Ovine animals referred to in Annex III, Chapter A, Part II, point 5 of Regulation (EC) No 999/2001	600
Ovine animals referred to in Annex VII, Chapter A, point 3.4(d) of Regulation (EC) No 999/2001	450
Ovine animals referred to in Annex VII, Chapter A, point 5(b)(ii) of Regulation (EC) No 999/2001	500
Other please specify here	

4.6.2 Monitoring in ovine animals	
Sum:	23,550

4.6.3 Monitoring in caprine animals	
Description	Nbr
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	515
Caprine animals referred to in Annex III, Chapter A, Part II, point 5 of Regulation (EC) No 999/2001	100
Caprine animals referred to in Annex III, Chapter A, Part II, point 3.3(c) of Regulation (EC) No 999/2001	400
Caprine animals referred to in Annex III, Chapter A, Part II, point 5(b)(ii) of Regulation (EC) No 999/2001	0
Other please specify here	
Sum:	1,015

4.6.4 Discriminatory tests	
Description	Nbr
Primary molecular testing referred to in Annex X, Chapter C, point 3.2(c)(i) of Regulation (EC) No 999/2001	40
Sum:	40

4.6.5 Genotyping of positive and randomly selected animals	
Description	Nbr
Animals referred to in Annex III, Chapter A, Part II, point 8.1 of Regulation (EC) No 999/2001	52
Animals referred to in Annex III, Chapter A, Part II, point 8.2 of Regulation (EC) No 999/2001	600
Sum:	652

4.7 Eradication
4.7.1 Measures following confirmation of a BSE case
4.7.1.1 Description
In the United Kingdom measures following the confirmation of a BSE in a bovine animal include veterinary enquiry and investigation, the culling of progeny born within 2 years prior to, or after, clinical onset of disease and identification and culling of cohorts born on or after 1 August 1996 of BSE positive animals born on or after 1 August 1995. Cohorts are sampled and tested. Culled offspring and cohorts are completely destroyed.

4.7.1.2 Summary table	
Description	Nbr
Animals to be killed under the requirements of Annex VII, Chapter A, point 2.1 of Regulation (EC) No 999/2001	135
Sum:	135

4.7.2 Measures following confirmation of a scrapie case
4.7.2.1 Description
In the United Kingdom following confirmation of a case of classical scrapie case we kill and destroy genetically susceptible animals, embryos and ova in accordance with point 2.3(b)(ii) of Chapter A of Annex VII of Regulation (EC) No.999/2001. Following confirmation of a case of atypical scrapie case we apply measures in accordance with point 5(b) of Chapter A of Annex VII of Regulation (EC) No.999/2001.

4.7.2.2 Summary table	
Description	Nbr
Animals to be genotyped under the requirements of Annex VII, Chapter A, point 2.3 of Regulation (EC) No 999/2001	5,500
Animals to be killed under the requirements of Annex VII, Chapter A, point 2.3 of Regulation (EC) No 999/2001	2,050
Sum:	7,550

4.7.3 Breeding programme for resistance to TSEs in sheep

4.7.3.1 General description

In Great Britain, the Government's voluntary breeding programme for resistance to TSEs in sheep in Great Britain closed in March 2009.

The voluntary Northern Ireland Sheep Breeding programme (NISP) is implemented through a Ram Genotyping Scheme (under which both rams and ewes are tested). Future options for the continuation of the Ram Genotyping Scheme will be reviewed at the end of the 2010 genotyping scheme. The figures estimated below are subject to the scheme running in 2011 following the review.

4.7.3.2 Summary table

Description	Nbr
Ewes to be genotyped under the framework of a breeding programme referred to in Article 6a of Regulation (EC)	3,500
Rams to be genotyped under the framework of a breeding programme referred to in Article 6a of Regulation (EC)	5,500
Sum:	9,000

5. Costs

5.1 Detailed analysis of the costs

Great Britain

Rapid testing of animals referred to in Annex III, Chapter A, Part 1, point 2 (Monitoring in animals slaughtered for human consumption), of Regulation (EC) 999/2001 is carried out by two approved private laboratories. For reasons of commercial confidentiality these cannot disclose details of their screening costs. However, they will provide or have provided details of their average screening costs (in Euros). They also provide a written guarantee that

1. the laboratory process exceeds 5 Euros;
2. the price will be auditable; and
3. that they will make invoices available to European Commission and Competent Authority auditors on request and answer any questions.

The VLA costs (within Annex III, Chapter A, Part 1, point 3) are calculated on the same basis but averaged over the year.

5.2 Summary of costs

Costs related to	Specification	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
Rapid tests	UK - Annex III, Chapter A, Part 1, Point 2.2	460,000	6	2,668,000	yes
Rapid tests	UK - Annex III, Chapter A, Part 1, Point 2.1 and 3	173,330	29	5,052,570	yes
Rapid tests	UK - Annex III, Chapter A, Part 1, Point 5 (Cohorts)	100	25	2,480	yes
Rapid tests	UK - Annex III, Chapter A, Part 2, Point 2 (Ovine)	10,600	39	415,414	yes
Rapid tests	UK - Annex III, Chapter A, Part 2, Point 3 (Ovine)	11,400	37	425,562	yes
Rapid tests	UK - Annex III, Chapter A, Part 2, Point 3 (Caprine))	515	40	20,749	yes

5.2 Summary of costs					
Costs related to	Specification	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
Rapid tests	UK - Annex III, Chapter A, Part 2, Point 5 (Ovine)	600	41	24,576	yes
Rapid tests	UK - Annex III, Chapter A, Part 2, Point 5 (Caprine)	100	41	4,096	yes
Rapid tests	UK - Annex VII, Chapter A, Point 3.4(d) (Ovine)	450	38	16,965	yes
Rapid tests	UK - Annex VII, Chapter A, Point 3.3(c) (Caprine)	400	41	16,484	yes
Rapid tests	UK - Annex VII, Chapter A, Point 5b(ii) Ovine	500	41	20,480	yes
Primary molecular tests	UK - Annex X, Chapter C, Point 3.2	40	4,123	164,905	yes
4.1 Determination of genotype of animals in the framework of the monitoring and eradication measures laid down by Regulation (EC) No 999/2001	UK - Annex III, Chapter A, Part 2, Points 8.1 and 8.2	652	59	38,735	yes
1.1 Determination of genotype of animals in the framework of the monitoring and eradication measures laid down by Regulation (EC) No 999/2001	UK - Annex VII, Chapter A, Point 2.3	5,500	17	91,630	yes
4.2 Determination of genotype of animals in the framework of a breeding programme	UK - Article 6A	9,000	9	82,350	yes
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	UK - Annex VII, Chapter A, Point 2.1	135	1,360	183,603	yes
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	UK - Annex VII, Chapter A, Point 2.3	2,050	123	253,134	yes
	Sum:	675,372		9,481,733	
		Sum:	675,372	Sum:	9,481,733