



EUROPEAN COMMISSION
HEALTH & CONSUMERS DIRECTORATE-GENERAL
Unit G5 - Veterinary Programmes

SANCO/10825/2012

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

Survey programme for Bluetongue

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

Luxembourg

* in accordance with Council Decision 2009/470/EC

**Standard requirement for the submission of programme
for eradication, control and monitoring**

version : 2.1

1. Identification of the programme

Member state : LUXEMBOURG (GRAND-DUCHE)

Disease Bluetongue in endemic or high risk areas

Species : Bovines and sheep and goats

This program is multi annual : no

*Request of Community co-financing from
beginning of:* 2012

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1.1 Contact

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2. Historical data on the epidemiological evolution of the disease

A concise description is given with data on the target population (species, number of herds and animals present and under the programme), the main measures (testing, testing and slaughter, testing and killing, qualification of herds and animals). The information is given for distinct periods if the measures were substantially modified. The information is documented by relevant summary epidemiological tables, graphs or maps.

(max. 32000 chars) :

début de l'épidémie de blue tongue concernant les bovins, ovins et caprins: en 2007;

en 2008 et en 2009: dépistage et vaccination obligatoire de ces populations animales;

en 2010 et en 2011: échantillonnage et surveillance; plus de vaccination obligatoire, mais vaccination facultative.

3. Description of the submitted programme

A concise description of the programme is given with the main objective(s) (monitoring, control, eradication, qualification of herds and/or regions, reducing prevalence and incidence), the main measures (testing, testing and slaughter, testing and killing, qualification of herds and animals, vaccination), the target animal population and the area(s) of implementation and the definition of a positive case.

(max. 32000 chars) :

Le programme est basé sur:

- une surveillance clinique de la part des détenteurs et des vétérinaires qui sont responsables de l'épidémio-surveillance dans les fermes;

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- sur une surveillance de la part du laboratoire de médecine vétérinaire de l'Etat qui effectue analyses sérologiques et virologiques sur des échantillons provenant des abattoirs;
- sur des échantillonnages qui ont lieu plusieurs fois par an, surtout en période d'activité du vecteur;
- sur un échantillon assez grand pour détecter une prévalence de 20%;
- sur des échantillons provenant d'animaux individuels.

Le programme de surveillance sert à démontrer l'absence de certains sérotypes du virus de la blue-tongue et surtout du sérototype 8.

4. Measures of the submitted programme

4.1 Summary of measures under the programme

Duration of the programme : 2012

First year:

- Control
- Testing
- Slaughter and animals tested positive
- Killing of animals tested positive
- Vaccination
- Treatment
- Disposal of products
- Eradication, control or monitoring

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4.2 Organisation, supervision and role of all stakeholders involved in the programme

Describe the authorities in charge of supervising and coordinating the departments responsible for implementing the programme and the different operators involved. Describe the responsibilities of all involved.

(max. 32000 chars) :

L'Administration des Services Vétérinaires du Ministère de l'Agriculture est compétente pour l'application du programme.

4.3 Description and demarcation of the geographical and administrative areas in which the programme is to be implemented

Describe the name and denomination, the administrative boundaries, and the surface of the administrative and geographical areas in which the programme is to be applied. Illustrate with maps.

(max. 32000 chars) :

Tout le pays. (2586 Km²)

4.4 Description of the measures of the programme

A comprehensive description needs to be provided of all measures unless reference can be made to community legislation. The national legislation in which the measures are laid down is mentioned.

4.4.1 Notification of the disease

(max. 32000 chars) :

L'Administration des Services Vétérinaires est responsable de la notification de la maladie.

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4.4.2 Target animals and animal population

(max. 32000 chars) :

Bovins, ovins, caprins

4.4.3 Identification of animals and registration of holdings

(max. 32000 chars) :

- selon le règlement grand-ducal du 6 mai 2004 concernant l'identification et l'enregistrement des animaux des espèces ovine et caprine;
- selon la décision 2010/280/UE en ce qui concerne l'enregistrement électronique des ovins et caprins;
- selon le règlement grand-ducal du 22 avril 1999 concernant l'identification et l'enregistrement des animaux domestiques en ce qui concerne les bovins.

4.4.4 Qualifications of animals and herds

(max. 32000 chars) :

Le Luxembourg est une zone à restriction suivant l'article 8 de la directive 2000/75 (CE).

4.4.5 Rules of the movement of animals

(max. 32000 chars) :

règlement grand-ducal du 22 avril 1999 portant mesures d'application du règlement(CE) n° 820/97 du Conseil du 21 avril 1997 en ce qui concerne l'identification et l'enregistrement des bovins;

4.4.6 Tests used and sampling schemes

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(max. 32000 chars) :

Elisa: détection d'anticorps sur sérum;
P.C.R.
Isolement viral;
Séroneutralisation.

4.4.7 Vaccines used and vaccination schemes

(max. 32000 chars) :

pas de vaccination

4.4.8 Information and assessment on bio-security measures management and infrastructure in place in the holdings involved.

(max. 32000 chars) :

guides de bonnes pratiques;

4.4.9 Measures in case of a positive result

A short description is provided of the measures as regards positive animals (slaughter, destination of carcasses, use or treatment of animal products, the destruction of all products which could transmit the disease or the treatment of such products to avoid any possible contamination, a procedure for the disinfection of infected holdings, the therapeutic or preventive treatment chosen, a procedure for the restocking with healthy animals of holdings which have been depopulated by slaughter and the creation of a surveillance zone around infected holding)

(max. 32000 chars) :

vaccination;

4.4.10 Compensation scheme for owners of slaughtered and killed animals

(max. 32000 chars) :

suivant le règlement grand-ducal du 14 avril 1992 fixant les modalités d'indemnisation des détenteurs d'animaux éliminés pour cause de maladies contagieuses et soumises à déclaration obligatoire.

4.4.11 Control on the implementation of the programme and reporting

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(max. 32000 chars) :

Les Vétérinaires officiels de l'Administration des Services Vétérinaires veillent à la réalisation du programme.

5. Benefits of the programme

A description is provided of the benefits for farmers and society in general

(max. 32000 chars) :

- détection précoce de toute réapparition du virus;
- démonstration de l'absence de circulation virale;
- éviter des pertes économiques importantes au secteur.

6. Data on the epidemiological evolution during the last five years

Data already submitted via the online system for the years 2006 - 2009 :

no

6.1 Evolution of the disease

Evolution of the disease :

Not applicable Applicable...

6.1.1 Data on herds for year : 2010

Region	Animal species	Total number of herds under the programme	Number of positive herds checked	Number of new positive herds	Number of herds depopulated	Indicators		
						% positive herds depopulated	% herds coverage	% positive herds Period herd prevalence
tout le pays	Bovines	1 569	164	0	0	0	0	10,453
tout le pays	Sheep	918	28	0	0	0	0	3,05

Total	2 487	2 487	192	0	0	0	7,72	
Add a new row								

6.1.1 Data on herds for year : 2009

Region	Animal species	Total number of herds	Number of herds checked	Number of positive herds	Number of new positive herds	Number of herds depopulated	% positive herds depopulated	Indicators		
								% herds coverage	% positive herds Period herd prevalence	% new positive herds Herd incidence
tout le pays	Bovines	1 569	1 569	352	0	0	0		22,435	X
tout le pays	Sheep	918	918	28	0	0	0		3,05	X
Total		2 487	2 487	380	0	0	0		15,279	
Add a new row										

6.1.1 Data on herds for year : 2008

Region	Animal species	Total number of herds	Number of herds checked	Number of positive herds	Number of new positive herds	Number of herds depopulated	% positive herds depopulated	Indicators		
								% herds coverage	% positive herds Period herd prevalence	% new positive herds Herd incidence
tout le pays	Bovines	1 580	1 580	879	750	0	0		55,633	X

tout le pays	Sheep	920	920	20	2	0	0	2,174	2,174	10		X
Total		2 500	2 500	899	752	0	0	35,96	35,96	83,648		
Add a new row												

6.1.1 Data on herds for year : 2007

												Indicators
Region	Animal species	Total number of herds	Total number of herds under the programme	Number of positive herds checked	Number of new positive herds	Number of herds depopulated	% positive herds depopulated	% herds coverage	% positive herds	Period herd prevalence	% new positive herds	Herd incidence
tout le pays	Bovines	1 520	1 520	1 064	1 064	0	0	100	100	70	70	X
tout le pays	Sheep	848	848	590	590	0	0	100	100	69,575	69,575	X
Total		2 368	2 368	1 654	1 654	0	0	100	100	69,848	69,848	
Add a new row												

6.1.1 Data on herds for year : 2006

												Indicators
Region	Animal species	Total number of herds	Total number of herds under the programme	Number of positive herds checked	Number of new positive herds	Number of herds depopulated	% positive herds depopulated	% herds coverage	% positive herds	Period herd prevalence	% new positive herds	Herd incidence

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Tout le pays	Bovines	1 580	0	0	0	0	X
tout le pays	Sheep	920	0	0	0	0	X
Total		2 500	0	0	0	0	
Add a new row							

6.1.2 Data on animals for year : 2010

Region	Animal species	Total number of animals	Number of animals tested under the programme	Number of animal tested	Number of animals tested individually	Number of positives animals	Slaughtering		Indicators	
							Number of animals with positive result slaughtered or culled	Total number of animals slaughtered	% coverage at animal level	% positive animals Animal prevalence
tout le pays	Bovines	196 000	196 000	590	590	0	0	0	0,301	0 X
tout le pays	Sheep	12 200	12 200	26	26	0	0	0	0,213	0 X
Total		208 200	208 200	616	616	0	0	0,3	0	ADD A NEW ROW

6.1.2 Data on animals for year : 2 009

Region	Animal species	Slaughtering				Indicators		
		Total number of animals	Number of animals to be tested under the programme	Number of animal tested	Number of animals tested individually	Number of positives animals	Total number of animals slaughtered or culled	% coverage at animal level
tout le pays	Bovines	196 869	196 869	565	565	0	0	0,287
tout le pays	Sheep	12 176	12 176	28	28	0	0	0,23
	Total	209 045	209 045	593	593	0	0	0,28
							ADD A NEW ROW	

6.1.2 Data on animals for year : 2 008

Region	Animal species	Slaughtering				Indicators		
		Total number of animals	Number of animals to be tested under the programme	Number of animal tested	Number of animals tested individually	Number of positives animals	Total number of animals slaughtered	% coverage at animal level

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tout le pays	Bovines	197 000	197 000	9 547	9 547	7 793	0	0	4,846	81,63	X
tout le pays	Sheep	12 200	12 200	62	62	8	0	0	0,508	12,9	X
Total		209 200	209 200	9 609	9 609	7 801	0	0	4,59	81,18	
ADD A NEW ROW											

6.1.2 Data on animals for year : 2007

Region	Animal species	Total number of animals	Number of animals tested under the programme	Number of animals tested individually	Number of positives animals	Number of animals with positive result slaughtered or culled	Total number of animals slaughtered	Slaughtering		Indicators	
								% coverage at animal level	% positive animals Animal prevalence	% positive animals	Animal prevalence
tout le pays	Bovines	180 305	180 305	10 173	10 173	5 859	0	0	5,642	57,59	X
tout le pays	Sheep	19 000	19 000	688	688	457	0	0	3,621	66,42	X
Total		199 305	199 305	10 861	10 861	6 316	0	0	5,45	58,15	
ADD A NEW ROW											

6.1.2 Data on animals for year : 2 006

Region	Animal species	Slaughtering				Indicators			
		Total number of animals	Number of animals to be tested under the programme	Number of animal tested	Number of animals tested individually	Number of positives animals	Total number of animals slaughtered or culled	% coverage at animal level	% positive animals Animal prevalence
tout le pays	Bovines	197 000	0	0	0	0	0	0	X
tout le pays	Sheep	12 200	0	0	0	0	0	0	X
	Total	209 200	0	0	0	0	0	0	0
									ADD A NEW ROW

6.2 Stratified data on surveillance and laboratory tests

6.2.1 Stratified data on surveillance and laboratory tests for year :

2010

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples
tout le pays	Bovine	serological test	Elisa-AC	267	0 X
tout le pays	Sheep	serological test	Elisa - AC	22	0 X
tout le pays	Bovine	microbiological or virological test	P.C.R.	323	0 X
tout le pays	Sheep	microbiological or virological test	P.C.R.	4	0 X
Total				616	
			ADD A NEW ROW		

6.2.1 Stratified data on surveillance and laboratory tests for year :

2009

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples
tout le pays	Bovine	serological test	Elisa-AC	124	0 X
tout le pays	Sheep	serological test	Elisa-AC	8	0 X
tout le pays	Bovine	microbiological or virological test	P.C.R.	441	0 X

tout le pays	Sheep	microbiological or virological test: P.C.R.	20	0	X
Total			593		
		ADD A NEW ROW			

6.2.1 Stratified data on surveillance and laboratory tests for year : 2008

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples
tout le pays	Bovine	serological test	Elisa-AC	8 790	7 704
tout le pays	Sheep	serological test	Elisa-AC	15	6
tout le pays	Bovine	microbiological or virological test: P.C.R.		757	89
tout le pays	Sheep	microbiological or virological test: P.C.R.		47	2
Total				9 609	
		ADD A NEW ROW			

6.2.1 Stratified data on surveillance and laboratory tests for year : 2007

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples

tout le pays	Bovine	serological test	Elisa-AC	9 908	5 713	X
tout le pays	Sheep	serological test	Elisa-AC	627	422	X
tout le pays	Bovine	microbiological or virological test: P.C.R.		265	146	X
tout le pays	Sheep	microbiological or virological test: P.C.R.		61	35	X
Total				10 861		
			ADD A NEW ROW			

6.2.1 Stratified data on surveillance and laboratory tests for year : 2006

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples	
tout le pays	Bovine	serological test	Elisa-AC	0	0	X
tout le pays	Sheep	serological test	Elisa-AC	0	0	X
tout le pays	Bovine	microbiological or virological test: P.C.R.		0	0	X
tout le pays	Sheep	microbiological or virological test: P.C.R.		0	0	X
Total				0		
			ADD A NEW ROW			

6.3 *Data on infection*

Data on infection

Not applicable *Applicable...*

6.4 *Data on the status of herds*

Data on the status of herds:

Not applicable *Applicable...*

6.5 Data on vaccination or treatment programmes

Data on vaccination or treatment programmes is Not applicable Applicable...

6.5 Data on vaccination or treatment programmes for year : 2010

Region	Animal Species	Total number of herds	Number of herds in vaccination or treatment programme	Information on vaccination or treatment programme			
				Number of animals vaccinated or treated	Number of doses of vaccine or treatment administered	Number of adults vaccinated	Number of young animals vaccinated
tout le pays	Bovines	1 569	196 869	0	0	0	0
tout le pays	Sheep	918	12 176	0	0	0	0
Total		2 487	209 045	0	0	0	0
						Add a new row	

6.6 Data on wildlife

Data on Wildlife is :

Not applicable

Applicable...

7. Targets

The blocks 7.1.1, 7.1.2.1, 7.1.2.2, 7.2, 7.3.1 and 7.3.2 are repeated multiple times in case of first year submission of multiple program.

7.1 Targets related to testing (one table for each year of implementation)

7.1.1 Targets on diagnostic tests for year : 2012

Region	Type of the test	Target population	Type of sample	Objective	Number of planned tests
tout le pays	Elisa anticorps	Bovines	serum	surveillance	500 X
tout le pays	P.C.R.	Bovines	blood	confirmation of suspected cases	500 X
tout le pays	Virus isolation	Bovines	blood	confirmation, identification des sérotype	200 X
tout le pays	Elisa anticorps	Sheep and goat	serum	surveillance	50 X
tout le pays	P.C.R.	Sheep and goat	blood	confirmation of suspected cases	50 X
tout le pays	Virus isolation	Sheep and goat	blood	confirmation, identification des sérotype	50 X
Total					1 350

		Add a new row
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7.1.2 Targets on testing herds and animals

7.1.2.1 Targets on testing herds

Applicable...

Not applicable

7.1.2.1 Targets on the testing of herds for year : 2012

Region	Animal species	Total number of herds under the programme	Number of expected positive herds	Number of expected new positive herds	Number of herds expected to be depopulated	% positive herds expected to be depopulated	Target indicators		
							% positive herds Expected period herd prevalence	Expected % herd coverage	% positive herds Expected herd incidence
tout le pays	Bovines	1 500	1 500	50	0	0	0	0	3,33
tout le pays	Sheep	800	800	10	0	0	0	0	1,25
tout le pays	Goats	400	400	5	0	0	0	0	1,25
Total		2 700	2 700	65	0	0	0	0	2,41
								Add a new row	

7.1.2.2 Targets on testing animals

Not applicable

Applicable...

7.1.2.2 Targets on the testing of animals for year : 2012

Region	Species	Total number of animals	Number of animals under the programme	Number of animals expected to be tested	Number of animals to be tested individually	Number of expected positive animals	Number of animals with positive result expected to be slaughtered or culled	Slaughtering	Target indicators	
									Expected % coverage at animal level	% positive animals (Expected animal prevalence)
tout le pays	Bovine	190 000	190 000	500	500	0	0	0	0,26	X
tout le pays	Sheep	10 000	10 000	40	40	0	0	0	0,4	X
tout le pays	Goats	2 000	2 000	10	10	0	0	0	0,5	X
Total		202 000	202 000	550	550	0	0	0	0,27	0
								Add a new row		

7.2 Targets on qualification of herds and animals

Targets on qualification of herds and animals *Not applicable* *Applicable...*

7.3 Targets on vaccination or treatment

7.3.1 Targets on vaccination or treatment is *Not applicable* *Applicable...*

7.3.2 Targets on vaccination or treatment of wildlife is *Not applicable* *Applicable...*

8. Detailed analysis of the cost of the programme for year : 2012

The blocks are repeated multiple times in case of first year submission of multiple program.

1. Testing						2. Vaccination or treatment						3. Slaughter and destruction					
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR
Cost of analysis	Elisa (serum antibody detection)	Individual animal sample/test	550	6	3300	yes	X										
Cost of analysis	PCR (animal samples)	Individual animal sample/test	550	70	38500	yes	X										
Cost of analysis	Virus isolation	Individual animal sample/test	250	60	15000	yes	X										
Cost of sampling	prélèvement	Individual animal sample/test	1 350	1	1350	yes	X										
							Add a new row										

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								Add a new row
4. Cleaning and disinfection								
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested		
5. Salaries (staff contracted for the programme only)								
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested		
6. Consumables and specific equipment								
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested		
7. Other costs								
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested		
Total							58 150,00 €	
Add a new row								

Attachments

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- 1) The more files you attach, the longer it takes to upload them .
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