



EUROPEAN COMMISSION
HEALTH AND CONSUMERS DIRECTORATE-GENERAL

Director General

SANCO/10314/2014

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

Eradication and monitoring programme for Bluetongue

Latvia

Approved* for 2014 by Commission Decision 2013/722/EU

* in accordance with Council Decision 2009/470/EC

Standard requirements for the submission of programme for eradication, control and monitoring

version : 2.23

PROGRAMME for ERADICATION : ANNEX I

Member States seeking a financial contribution from the Union for national programmes for the eradication, control and monitoring of animal diseases and zoonosis listed below, shall submit applications containing at least the information set out in this form.

Bovine brucellosis, bovine tuberculosis, ovine and caprine brucellosis (*B. melitensis*), bluetongue in endemic or high risk areas, african swine fever, swine vesicular disease, classical swine fever, rabies.

The central data base keeps all submissions. However only the information in the last submission is shown when viewing and used when processing the data.

If encountering difficulties, please contact
SANCO-BO@ec.europa.eu

Instructions to complete the form:

1) In order to fill in and submit this form you must have **at least** the ADOBE version

Acrobat Reader 8.1.3

(example : 8.1.3, 8.1.4, 8.1.7, 9.1, 9.2,...), otherwise you will not be able to use the form.

Your version of Acrobat Reader is: **10.104**

2) Please provide as much information as possible. If you have no data for some fields then put the text "NA" (Not applicable) in this field or 0 if it is a numeric field. If you need clarifications on some of the information requested, then please contact SANCO-BO@ec.europa.eu.

3) To verify your data entry while filling your form, you can use the "verify form" button at the top of each page. If the form is not properly and completely filled in, an alert box will appear indicating the number of incorrect fields. Please use the "verify form" button until all fields are correctly filled in. **It is mandatory to fill in the box about Animal populations to make the rest of the questions visible.** If you still have any difficulties, please contact SANCO-BO@ec.europa.eu.

4) When you have finished filling the form, verify that your internet connection is active and then click on the "submit notification" button below. If the form is properly filled in, the notification will be submitted to the server and a submission number + submission date will appear in the corresponding field.

5) **IMPORTANT: Regularly save the pdf when you fill it out. After you have received the Submission number, DO NOT FORGET TO SAVE THE PDF ON YOUR COMPUTER FOR YOUR RECORDS!**

Friday, August 23, 2013 16:57:52

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1. Identification of the programme

Member state: LATVIJA

Disease: Bluetongue in endemic or high risk areas

Species: Bovines and sheep and goats

This program is multi annual: no

Request of Union co-financing from beginning of:

2014

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1.1 Contact

Name : Edvins Olsevskis

Phone : +371 67095240

Fax. : +371 67322727

Email : edvins.olsevskis@pvd.gov.lv

2. Historical data on the epidemiological evolution of the disease

Provide a concise description on the target population (species, number of herds and animals present and under the programme), the main measures (sampling and testing regimes, eradication measures applied, qualification of herds and animals, vaccination schemes) and the main results (incidents, prevalence, 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 (point 6), complemented by graphs or maps (to be attached).

(max. 32000 chars) :

No epidemiological data is available. Bluetongue has been never registered in Latvia. In 2012, 235 seropositive animals were detected through the surveillance programme in 54 holdings. However this situation was defined as "vaccine incident" by European Commission.

3. Description of the submitted programme

Provide a concise description of the programme with its main objective(s) (monitoring, control, eradication, qualification of herds and/or regions, reducing prevalence and incidence), the main measures (sampling and testing regimes, eradication measures to be applied, qualification of herds and animals, vaccination schemes), the target animal population, the area(s) of implementation and the definition of a positive case.

(max. 32000 chars) :

Programme has been developed with the target to carry out monitoring of susceptible animals in all

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territory of Latvia during vector active period and to vaccinate all susceptible population (bovine, ovine and caprine animals) against blue tongue (most probably serotype 8, but also in case of other BT serotype) in 2013 in case of occurrence of the disease. Vaccination (in a case of outbreak) will be mandatory in all territory of Latvia. Programme will include monitoring measures within BT restricted area (in a case of outbreak) and outside restricted area (in a peace time). Serological monitoring with sentinel animals will be used as a tool for virus circulation control. Serological, virological and entomological monitoring also will be carried out in a case of outbreak.

4. Measures of the submitted programme

4.1 Summary of measures under the programme

Duration of the programme : 2014

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) :

The Food and Veterinary Service (FVS) of the Republic of Latvia is a state administrative institution headed by the CVO and supervised by the Ministry of Agriculture. The FVS consists of the central body placed in Riga and territorial structural units (the local level)- 11 regional offices. The central body coordinates activities of the local level and ensure a unified implementation and surveillance of legislation. The local level carries out the official surveillance in accordance with the state surveillance programmes and reports to the central body. The State authorised veterinarians report to the respective local veterinary office. Vaccination will be supervised by Veterinary Surveillance Department of FVS (Central authority).

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) :

Programme will be implemented in whole territory of Latvia.

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 Union legislation. The national legislation in which the measures are laid down is mentioned.

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4.4.1 Notification of the disease

(max. 32000 chars) :

Bluetongue is immediately and compulsory notifiable disease in Latvia. According to Veterinary Medicine law every person handling animals must notify to veterinarian/ FVS inspector about suspected cases. After reception of such information state authorized veterinarians and /or inspectors are obliged to visit possibly affected holding, carry out epidemiological investigation and take samples to confirm or rule out BT. Veterinarians are financed for these activities from FVS budget. Since 2006, awareness campaigns and trainings have been organized for veterinarians, inspectors and animal owners, leaflets issued by FVS. Samples are tested by National Reference laboratory (NRL).

4.4.2 Target animals and animal population

(max. 32000 chars) :

Target species will be bovine, ovine and caprine. The number of animals for testing will be determined by National BT surveillance programme. Samples for testing will be selected from samples sent in BT is compulsory notifiable disease in Latvia since 1998.

There are 31 765 herds with 393 097 bovine animals registered in Latvia at the time of preparation of programme.

There are 4 408 sheep herds with 83 632 animals and 2 893 goat herds with 13 329 animals registered in Latvia at the time of preparation of programme.

4.4.3 Identification of animals and registration of holdings

(max. 32000 chars) :

Regulation of Cabinet of Ministers No 650, 16 August, 2011 "Order of registration of animals, herds and holdings and identification of animals" determines order of individual identification of cattle, pigs, sheep, goats and horses and registration of holdings of agricultural animals, bee gardens, fishponds, hatcheries of aquatic animals (Repealing Regulation of Cabinet of Ministers No 712, 16 December, 2003 "Order of registration of animals, herds and holdings and identification of animals"). This regulation is harmonised with Council Directives 92/100/EEC and 90/427/EEC.

Vaccinated bovine animals will be identified with the red stamp in bovine passport. Ovine and caprine animals will be marked with additional ear tag (in red color).

To ensure common data registration system, Agricultural Data Centre (ADC) maintains central register of animals, herds and holdings. ADC is a state agency under the supervision of the Ministry of Agriculture.

4.4.4 Qualifications of animals and herds

(max. 32000 chars) :

At the moment of preparation of the programme all bovine, ovine and caprine herds are free from BT.

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4.4.5 Rules of the movement of animals

(max. 32000 chars) :

All bovine, ovine and caprine animal movements are recorded in National data base. In a case of BT suspects or outbreak movement restrictions will be applied to index holding and linked holdings.

4.4.6 Tests used and sampling schemes

(max. 32000 chars) :

Suspected animals will be tested to BT antibodies using ELISA test. Positive samples will be confirmed with PCR.

Monitoring in a case of outbreak will be carried out using sentinel animals. Bovine animals will be used as sentinel animals and will be tested to BT antibodies before putting in herds. During vector activity season each sentinel animal will be sampled once per month and tested to antibodies using ELISA. Entomological monitoring of Culicoides will also be carried out in BT restricted zone during vector active season.

Serological monitoring (to detect virus incursion in country) will be carried out in all territory of Latvia. In a frame of the bluetongue active surveillance in 2014, all susceptible animals according to conditions of the EC Regulation 1266/2007 (Annex I, 2.2.point) will be investigated to detect prevalence of 20% with 95% confidence in one geographical unit. According to Regulation 1266/2007 Annex I, 1.point, FVS defined the geographical unit of around 2 000 km² (45x45km) which is approximately equal with territory of the three-counties (administrative territory) of Latvia (in total 110 counties are in Latvia). Total number of samples to be taken will be divided depending on a number of geographical units and the population size in each of 10 territories of FVS (excluding Riga city) every month during vector active season only blood samples from susceptible animals – cattle, sheep and goats will be tested.

4.4.7 Vaccines used and vaccination schemes

(max. 32000 chars) :

This programme is focused on vaccination against BTv8. In case of occurrence of disease caused by another BT serotype vaccination will be also carried out. Vaccine will be purchased by Food and Veterinary Service and distributed to territorial structural units of FVS. Vaccination will be provided by FVS authorized veterinarians. Inactivated vaccine will be used, in accordance with the producer's instructions.

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

(max. 32000 chars) :

Inspections will be carried out in all animal holdings with susceptible animals in restricted zone. Detailed inspections will also include assessment of bio-security measures in place and documental checks.

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) :

According the Latvian Food and Veterinary Service Order No 96, 22.12.2006. „Instruction on the control and eradication of the Blue tongue” (elaborated in accordance with requirements set in Council directive 2000/75/EC) in case of BT outbreak we are going to:

- 1) retest of all serologically positive animals with PCR tests,
- 2) immediate culling and disposing of all PCR positive animals,
- 3) cleaning and disinfection of infected premises,
- 4) protect animals against vector attacks (repellents and insecticides),
- 5) serological examination (ELISA) for all sentinels in the farms within the restriction zones,
- 6) entomological surveillance,
- 7) emergency vaccination.

4.4.10 Compensation scheme for owners of slaughtered and killed animals

(max. 32000 chars) :

Regulation of Cabinet of Ministers No 177, 15 March 2005, “Procedure according to which compensations are given or owner of animals receive compensations for losses which have arise due to eradication of epizootics or animal infectious diseases” determines procedure according to which compensations are given or owner of animals receive compensations for losses which have arisen due to eradication or outbreaks of animal infectious diseases, which are under state supervision.

4.4.11 Control on the implementation of the programme and reporting

(max. 32000 chars) :

National Reference laboratory will provide FVS with reports on numbers of tested samples and animals on regularly basis. FVS will check those reports ensuring that number of animals determined in

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programme is tested. NRL has to notify immediately positive results to FVS.

5. Benefits of the programme

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

(max. 32000 chars) :

The main benefit of the programme is keeping Latvia free from Bluetongue.
Control and limit of Bluetongue spreading in Republic of Latvia (in case of outbreak).

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

no

6.1 Evolution of the disease

Evolution of the disease : Not applicable Applicable...

6.2 Stratified data on surveillance and laboratory tests

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6.2.1 Stratified data on surveillance and laboratory tests for year : **2012**

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples	
Latvia	Bovine	serological test	ELISA milk	675	80	X
Latvia	Bovine	serological test	ELISA blood	1 825	224	X
Latvia	Sheep	serological test	ELISA blood	691	10	X
Latvia	Goats	serological test	ELISA blood	78	1	X
Latvia	Bovine	microbiological or virological test	PCR	504	2	X
Latvia	Sheep	microbiological or virological test	PCR	53	0	X
Total				3 826		
				ADD A NEW ROW		

6.2.1 Stratified data on surveillance and laboratory tests for year : **2011**

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples	
Latvia	Bovine	serological test	ELISA blood	5 616	0	X

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Latvia	Sheep	serological test	ELISA blood	1 172	0	X
Latvia	Goats	serological test	ELISA blood	234	0	X
Latvia	Bovine	microbiological or virological test	PCR	11	0	X
Latvia	Sheep	microbiological or virological test	PCR	10	0	X
Latvia	Bovine	serological test	ELISA milk	176	0	X
Total				7 219		
ADD A NEW ROW						

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	
Latvia	Bovine	serological test	ELISA blood	7 862	0	X
Latvia	Sheep	serological test	ELISA blood	1 410	0	X
Latvia	Goats	serological test	ELISA blood	262	0	X
Latvia	Sheep	microbiological or virological test	PCR	48	0	X
Total				9 582		
ADD A NEW ROW						

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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	
Latvia	Bovine	serological test	ELISA blood	2 713	0	X
Latvia	Sheep	serological test	ELISA blood	1 412	0	X
Latvia	Goats	serological test	ELISA blood	239	0	X
Latvia	Sheep	microbiological or virological test	PCR	106	0	X
Total				4 470		
				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	
Latvia	Bovine	microbiological or virological test	-	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...

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6.5 *Data on vaccination or treatment programmes*

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

6.6 *Data on wildlife*

Data on Wildlife is : *Not applicable* *Applicable...*

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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 : **2014**

Region	Type of the test	Target population	Type of sample	Objective	Number of planned tests	
Latvia	ELISA	Bovine and caprine and sl	blood	surveillance	2 000	X
Latvia	PCR	Bovines and caprine and s	blood	confirmation of suspected cases	800	X
Total					2 800	
Add a new row						

7.1.2 Targets on testing herds and animals

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7.1.2.1 Targets on testing herds

Not applicable

Applicable...

7.1.2.1 Targets on the testing of herds for year : **2014**

Region	Animal species	Total number of herds	Total number of herds under the programme	Number of herds expected to be checked	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			
									Expected % herd coverage	% positive herds Expected period herd prevalence	% new positive herds Expected herd incidence	
Latvia	Bovines	31 765	31 765	350	10	10	0	0	1,1	2,86	2,86	X
Latvia	Sheep	4 408	4 408	65	10	10	0	0	1,47	15,38	15,38	X
Latvia	Goats	2 893	2 893	30	3	3	0	0	1,04	10	10	X
Total		39 066	39 066	445	23	23	0	0	1,14	5,17	5,17	
									Add a new row			

7.1.2.2 Targets on testing animals

Not applicable

Applicable...

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7.1.2.2 Targets on the testing of animals for year : **2013**

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	Slaughtering		Target indicators			
							Number of animals with positive result expected to be slaughtered or culled	Total number of animals expected to be slaughtered	Expected % coverage at animal level	% positive animals (Expected animal prevalence)		
Latvia	Bovine	393 097	393 097	1 400	1 400	0	0	0	0,36	0	X	
Latvia	Sheep	83 632	83 632	500	500	0	0	0	0,6	0	X	
Latvia	Goats	13 329	13 329	100	100	0	0	0	0,75	0	X	
	Total	490 058	490 058	2 000	2 000	0	0	0	0,41	0		
								Add a new row				

7.2 Targets on qualification of herds and animals

Targets on qualification of herds and animals Not applicable

Applicable...

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7.3 Targets on vaccination or treatment

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

7.3.1 Targets on vaccination or treatment for year : **2014**

Region	Animal species	Total number of herds in vaccination or treatment programme	Total number of animals in vaccination or treatment programme	Targets on vaccination or treatment programme						
				Number of herds in vaccination or treatment programme	Number of herds expected to be vaccinated or treated	Number of animals expected to be vaccinated or treated	Number of doses of vaccine or treatment expected to be administered	Number of adults expected to be vaccinated	Number of young animals expected to be vaccinated	
Latvia	Bovines	33 998	380 612	33 998	33 998	380 612	761 224	220 000	160 612	X
Latvia	Sheep	4 357	79 664	4 357	4 357	79 664	79 664	55 000	24 664	X
Latvia	Goats	2 856	13 425	2 856	2 856	13 425	13 425	12 000	1 425	X
Total		41 211	473 701	41 211	41 211	473 701	854 313	287 000	186 701	
							Add a new row			

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

7.3.2 Targets on vaccination or treatment of wildlife for year : **2014**

		Targets on vaccination or treatment programme			
Region	Square km	Number of doses of vaccine or treatments expected to be administered in the campaign	Expected number of campaigns	Total number of doses of vaccine or treatment expected to be administered	
Latvia	0	0	0	0	X
Total		0		0	
			Add a new row		

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8. Detailed analysis of the cost of the programme for year : 2014

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

To facilitate the handling of your cost data, you are kindly requested to:

1. Fill-in the text fields IN ENGLISH
2. Limit as much as possible the entries to the pre-loaded options where available.
3. If you need to further specify a pre-loaded option, please keep the pre-loaded text and add your clarification to it in the same box.

1. Testing							
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Elisa (serum antibody detection)	Individual animal sample/test	2 000	4.51	9020	yes	X
Cost of analysis	PCR (animal samples)	Individual animal sample/test	800	43.5	34800	yes	X
						Add a new row	
2. Vaccination or treatment							
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Purchase of vaccine/treatment of animal product	Inactivated BTV-8 vaccine (bovines)	Vaccine dose	761 224	1.3	989,591.2	yes	X
Purchase of vaccine/treatment of animal product	Inactivated BTV-8 vaccine (ovine-caprine)	Vaccine dose	93 089	1.3	121,015.7	yes	X
						Add a new row	
3. Slaughter and destruction							
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	

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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	
						Add a new row	
5. Salaries (staff contracted for the programme only)							
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Administration of vaccines	Costs of veterinarians	Vaccine administration once	854 313	0.7	598,019.1	yes	X
						Add a new row	
6. Consumables and specific equipment							
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
						Add a new row	
7. Other costs							
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
						Add a new row	
		Total			1 752 446,00 €		

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Attachments

IMPORTANT :

- 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 : jpg, jpeg, tiff, tif, xls, doc, bmp, pna, pdf.
- 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!