



EUROPEAN COMMISSION
HEALTH AND CONSUMERS DIRECTORATE-GENERAL

Director General

SANCO/10202/2013

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

Eradication and monitoring programme for Bluetongue

Austria

Approved* for 2013 by Commission Decision 2012/761/EU

* in accordance with Council Decision 2009/470/EC

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

version : 2.2

1. Identification of the programme

Member state : OSTERREICH

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 :

2013

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1.1 Contact

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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) :

Data as of 2011:

target population of the programme:

1.976.527 Cattle in 69.586 farms

361.183 Sheep in 15.123 farms

72.358 Goats in 9.803 farms

main measures of the programme 2011:

- testing of animals for BT Antigene and/ or Antibodies to prove absence of virus circulation;
- options in case of positive results: slaughter, treatment under quarantine, further investigations
- killing of infected animals only in case of animal welfare motives
- entomological surveillance until July

Since 2009 no case of BT occurred in Austria;

Since March 2011 Austria is officially "free from BT"

3. Description of the submitted programme

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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) :

objectives of the programme 2013:

- demonstrate of the absence of bluetongue virus circulation to maintain status "free from BT"
- early detection of circulation of BTV 8
- detection of introduction of new bluetongue serotypes
- demonstrate the absence of certain bluetongue serotypes

using passive and active surveillance;

The entomological Surveillance was carried out until July 2010, but might be resumed in 2012 and continued in 2013.

In case of reoccurrence of BT following measures will take place:

- demarcation of restriction zones
- options in case of positive results: slaughter, treatment under quarantine, further investigations
- killing of infected animals only in case of animal welfare motives

Currently no vaccination programme is carried out or planned in Austria. However, if the epidemiological situation changes seriously, vaccination measures, governmentally organized and financed may take place.

4. Measures of the submitted programme

4.1 Summary of measures under the programme

Duration of the programme : 2013

First year :

- Control
- Testing
- Slaughter and animals tested positive
- Killing of animals tested positive
- Vaccination
- Treatment

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- Disposal of products
- Eradication, control or monitoring

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) :

Central Veterinary Authority: Federal Ministry of Health, Dep. II/B/11, Radetzkystrasse 2, 1030 Vienna

The Central Veterinary Authority initiates, supervises and coordinates the monitoring and eradication measures by providing legislation, parameter for sampling and determination of surveillance areas. Reporting towards EU, OIE, neighbouring countries is also done by the Central Veterinary Authority. In case of obligatory vaccinations the Feral Ministry of Health bears the expenses.

Nine Local Veterinary Authorities in the Federal counties are responsible for the operative fulfillment of the measures and have to report to the Central Veterinary Authority.

The National Reference Laboratory (AGES) carries out all laboratory tests and also reports to the Central Veterinary Authority.

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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) :

Passive surveillance aims nationwide to the whole susceptible population (see point 2.0), active surveillance is to be carried out once a year according to Commission Regulation No. 1266/2007. Four epidemiological units are defined considering topographical and administrative parameters as well as ruminant density. To ensure an equal spread of sampling a sampling plan is provided by the Central Veterinary authority.

Attachement I: Reference units (map taken out of final report 2011- no changes for 2013 planned)

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.

4.4.1 Notification of the disease

(max. 32000 chars) :

Passive surveillance: According to § 16 Z.10 of the Austrian Animal Disease Act, RGBl 1909/177 i.d.g.F BGBl I 2008/36, Bluetongue disease is a notifiable disease.

In case of suspicion / confirmation of BT: Commission Regulation (EC) No 1266/2007 and Council Directive 2000/75/EC. Specifications of these community legislations are made in the Austrian Bluetongue-Bekämpfungs-Verordnung, BTB-V, BGBl II 2008/148 i.d.g.F.

Surveillance measures: Annex I of Commission Regulation (EC) No 1266/2007. Specifications are made in the Austrian Bluetongue-Überwachungsverordnung, BTÜ-V, BGBl II 2007/158 i.d.g.F.

4.4.2 Target animals and animal population

(max. 32000 chars) :

Passive surveillance: All susceptible animals (§ 16 Z.10 of the Austrian Animal Disease Act, RGBl 1909/177 i.d.g.F)

Active surveillance: cattle according to Annex I of Commission Regulation (EC) No 1266/2007. Austrian Bluetongue-Überwachungsverordnung, BTÜ-V, BGBl II 2007/158 i.d.g.F.

4.4.3 Identification of animals and registration of holdings

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(max. 32000 chars) :

All holdings are electronically identifiable within the database "VIS" (Verbrauchergesundheits Informations System).

All cattle, sheep and goats are individually identifiable due to Austrian legislation. (Tierkennzeichnungs- und Registrierungsverordnung 2009 - TKZVO 2009, BGBl II 2009/291). Ear tag numbers of cattle are also available and traceable using "VIS"

4.4.4 Qualifications of animals and herds

(max. 32000 chars) :

Passive surveillance: all animals susceptible for BT;

Qualifications for active surveillance: Austrian Bluetongue-Überwachungsverordnung, BTÜ-V, BGBl II 2007/158 i.d.g.F.

4.4.5 Rules of the movement of animals

(max. 32000 chars) :

No movement of BT antigen positive animals due to Austrian Animal Disease Act, RGG 1909/177.

Conditions for movements of susceptible animals: Commission Regulation (EC) No 1266/2007

4.4.6 Tests used and sampling schemes

(max. 32000 chars) :

Tests used: Polymerase Chain Reaction (PCR) (OIE), Serogroup specific RT PCR, Real-time RT-PCR (Adiavet, Toussaint, Orrú und Shaw), Virus isolation;

sampling schemes:

Passive surveillance: in case of clinical suspicion or due to Laboratory results. ELISA & PCR to gain reference to possible vector circulation

Active Surveillance: once a year during autumn, following a sampling plan of the Central Competent authority (CCA); Target: non vaccinated cattle; Test ELISA; Total number: sufficient number of cattle to ensure detection of a minimum BT prevalence in reference units of 1%;

4.4.7 Vaccines used and vaccination schemes

(max. 32000 chars) :

Currently no vaccination programme is carried out in Austria. However, if the epidemiological situation changes seriously, vaccination measures, organized and financed by the government may take place. Only non live vaccines approved by the EMEA may be used.

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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) :

There are no vector proof establishments in Austria; Use of insect repellents: Commission Regulation (EC) No 1266/2007

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) :

In case of suspicion / confirmation of BT: Commission Regulation (EC) No 1266/2007 and Council Directive 2000/75/EC. Specifications of these community legislations are made in the Austrian Bluetongue-Bekämpfungs-Verordnung, BTB-V, BGBl II 2008/148 i.d.g.F.

- establishment of restriction zones according to Council Directive 2000/75/EC
- no movement of BT antigen positive animals due to Austrian Animal Disease Act, RgBl 1909/177
- treatment under quarantine
- slaughter
- further investigations
- destroying of infected animals only in case of animal welfare motives
- if necessary obligatory vaccination in determined areas to combat / contain the disease

4.4.10 Compensation scheme for owners of slaughtered and killed animals

(max. 32000 chars) :

Due to Austrian Animal Disease Act, RgBl 1909/177 owners receive compensation if:

- an animal dies because of BT and disease was notificated
- a BT positive animal has to be killed due to welfare motives
- dies because of compulsory vaccination

4.4.11 Control on the implementation of the programme and reporting

(max. 32000 chars) :

The Central Veterinary Authority has to be immediately informed by Local Vet. Authorities in case of clinical suspicion of BT and in case of non negative BT results that do not follow from vaccinations carried out . Reports of the AGES including the number and results of all BT tests carried out are given to the Federal Ministry of Health regularly.

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5. Benefits of the programme

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

(max. 32000 chars) :

The benefit of the programme is to maintain and prove the status "Free from Bluetongue Disease" to minimize negative effects concerning trade of animals and to avoid cost for combatting the disease. By early detecting any reoccurrence of BT in Austria fighting/containing measures can be taken to prevent large spread of BT. This assures minimization of economical losses for farmers and the government as well as avoidance of animal welfare problems.

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

Data already submitted via the online system for the years 2007 - 2010:

yes

6.1 Evolution of the disease

Evolution of the disease: Not applicable Applicable... Applicable...

6.1.1 Data on herds for year: **2011**

Region	Animal species	Total number of herds	Total number of herds under the programme	Number of herds checked	Number of positive herds	Number of new positive herds	Number of herds depopulated	% positive herds depopulated	% herds coverage	Indicators		
										% positive herds Period herd prevalence	% new positive herds Herd incidence	
Austria	Bovines	69 586	69 586	5 023	0	0	0		7,218			X
Austria	Sheep	15 123	15 123	0	0	0	0					X

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Austria	Goats	9 083	9 803	0	0	0	0	0					X
Total		93 792	94 512	5 023	0	0	0	0	5,315				
Add a new row													

6.1.2 Data on animals for year:

2 011

Region	Animal species	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	Slaughtering			Indicators		
							Number of animals with positive result slaughtered or culled	Total number of animals slaughtered	% coverage at animal level	% positive animals Animal prevalence		
Austria	Bovines	1 976 527	1 976 527	83 849	83 849	0	0	0	0	4,242	0	X
Austria	Sheep	361 183	361 183	879	879	0	0	0	0	0,243	0	X
Austria	Goats	72 358	72 358	99	99	0	0	0	0	0,137	0	X
Total		2 410 068	2 410 068	84 827	84 827	0	0	0	0	3,52	0	
ADD A NEW ROW												

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6.2 Stratified data on surveillance and laboratory tests

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
Austria	ruminants	serological test	ELISA	48 934	0
Austria	ruminants	microbiological or virological test	PCR	35 487	0
Total				84 421	
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: **2013**

Region	Type of the test	Target population	Type of sample	Objective	Number of planned tests	
Austria	ELISA	ruminants	serum	surveillance / seroconversion	40 000	X
Austria	PCR	ruminants	blood	confirmation of suspected cases	30 000	X
Austria	ELISA & PCR	ruminants	serum, blood, organs	passive surveillance / suspicions	20	X
Total					70 020	
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: **2013**

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	
Austria	Bovines	69 586	69 586	5 000	0	0	0	0	7,19	0	0	X
Total		69 586	69 586	5 000	0	0	0	0	7,19	0	0	
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)
Austria	Bovine	1 976 527	1 976 527	70 000	70 000	0	0	3,54	0	X
Total		1 976 527	1 976 527	70 000	70 000	0	0	3,54	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: 2013

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

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	1 400	6.8	9520 yes	yes	X
Cost of analysis	PCR (animal samples)	Individual animal sample/test	500	15	7500 yes	yes	X
Cost of analysis	PCR (vector samples)	Pooled sample test	50	45	2250 yes	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	
					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	
					Add a new row		
4. Cleaning and disinfection							

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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
Salaries	Collection and preparation of Vector samples	hour	150	80	12000	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				31 270,00 €	

Attachments

IMPORTANT :

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