



EUROPEAN COMMISSION
HEALTH & CONSUMERS DIRECTORATE-GENERAL

Unit G5 - Veterinary Programmes

SANCO/10811/2012

*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

Austria

* 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 : OSTERREICH

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) :

Data as of 2010:

target population of the programme:

2.325.825 Cattle in 71.563 farms
365.250 Sheep in 14.596 farms
54.228 Goats in 9.850 farms

main measures of the programme 2010:

- 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

In 2010 no case of BT occurred in Austria;

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.

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(max. 32000 chars) :

objectives of the programme 2012:

- 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; While passive surveillance aims to the whole susceptible population (see point 2.0) active surveillance will be carried out to detect a prevalence of BT as described in Commission Regulation No. 1266/2007.

incase of reoccurrence of BT:

- 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 in Austria. However, if the epidemiological situation changes seriously, vaccination measures, governmentally organized and financed may take place.

The entomological Surveillance was finalized in July 2010, resumption possible if requirements of Commission Regulation No. 1266/2007 have to be met.

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) :

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) :

According to Annex I of Commission Regulation (EC) No 1266/2007 the nationwide surveillance programme which is carried out since 2007 will be also continued in 2012.

Active surveillance: Taking into account topographical, administrative and epidemiological data as well as the experience gained in the surveillance programme, the currently used reference areas for the BT surveillance programme may be partly combined. However surveillance has to cover the whole of Austria. In all regions susceptible, non vaccinated animals will be tested at least once in a year, in the period of the year when infection or seroconversion is more likely to be detected (Autumn/Winter). A certain number of animals will be tested per region to detect a 3,5 % prevalence with 95% confidence in the susceptible species population of that epidemiologically relevant geographical area. Reference areas as well as the necessary number of tests to meet the requirements are currently being determined.

Passive surveillance: Has to be carried out nationwide the whole year round. According to § 16 Z.10 of the Austrian Animal Disease Act, RGBI 1909/177 i.d.g.F BGBl I 2008/36, Bluetongue disease is a notifiable disease.

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) :

Passive surveillance: According to § 16 Z.10 of the Austrian Animal Disease Act, RGBI 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-Bekämpfung-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, RGBI 1909/177

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i.d.g.F)

Active surveillance: sheep and 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

(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 tracable 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), Virusisolation;

sampling schemes: Taking into account topographical, administrative and epidemiological data as well as the experience gained in the surveillance programme, the currently used reference areas for the BT surveillance programme may be partly combined. Surveillance has to cover the whole of Austria. In all regions susceptible, non vaccinated animals will be tested at least once in a year, in the period of the year when infection or seroconversion is more likely to be detected (Autumn/Winter). A certain number of animals will be tested per region to detect a 3,5 % prevalence with 95% confidence in the susceptible species population of that epidemiologically relevant geographical area. Determination of reference areas as well as the necessary number of tests to meet the requirements is currently being done.

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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.

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 notified
- a BT positive animal has to be killed due to welfare motives
- dies because of compulsory vaccination

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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.

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 2006 - 2009 :

| |
|-----|
| yes |
|-----|

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 | 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 | 71 563 | 71 563 | 4 214 | 0 | 0 | 0 | | 5,889 | | | |
| Austria | Sheep | 15 245 | 15 245 | 153 | 0 | 0 | 0 | | 1,004 | | | |

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| | | | | | | | | | | | | | | | |
|----------------------|-------|--------|--------|-------|---|---|---|---|---|---|-------|--|--|--|----------|
| Austria | Goats | 10 090 | 10 090 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0,446 | | | | X |
| Total | | 96 898 | 96 898 | 4 412 | 0 | 0 | 0 | 0 | 0 | 0 | 4,553 | | | | |
| Add a new row | | | | | | | | | | | | | | | |

6.1.2 Data on animals for year: **2010**

| 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 | 2 013 281 | 2 013 281 | 69 523 | 69 523 | 0 | 0 | 0 | 0 | 3,453 | 0 | | | X |
| Austria | Sheep | 358 415 | 358 415 | 1 389 | 1 389 | 0 | 0 | 0 | 0 | 0,388 | 0 | | | X |
| Austria | Goats | 71 768 | 71 768 | 367 | 367 | 0 | 0 | 0 | 0 | 0,511 | 0 | | | X |
| Total | | 2 443 464 | 2 443 464 | 71 279 | 71 279 | 0 | 0 | 0 | 0 | 2,92 | 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 : **2010**

| Region | Animal Species | Test Type | Test Description | Number of samples tested | Number of positive samples |
|----------------------|----------------|------------|------------------------|--------------------------|----------------------------|
| Austria | ruminants | other test | PCR & ELISA | 71 680 | 0 |
| Total | | | | 71 680 | |
| 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 : **2012**

| Region | Type of the test | Target population | Type of sample | Objective | Number of planned tests | |
|----------------------|------------------|-------------------|----------------------|---------------------------------|-------------------------|----------|
| Austria | ELISA, PCR | ruminants | blood, serum, organs | surveillance | 1 700 | X |
| Austria | ELISA | ruminants | blood, serum | seroconversion | 1 700 | X |
| Austria | ELISA,PCR | ruminants | blood | confirmation of suspected cases | 600 | X |
| Total | | | | | 4 000 | |
| 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...

7.1.2.2 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 | 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 | 2 013 281 | 2 013 281 | 3 700 | 3 700 | 0 | 0 | 0 | 0,18 | 0 | X |
| Austria | Sheep | 71 563 | 71 563 | 300 | 300 | 0 | 0 | 0 | 0,42 | 0 | X |
| Total | | 2 084 844 | 2 084 844 | 4 000 | 4 000 | 0 | 0 | 0 | 0,19 | 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 | | | | | | | |
|------------------------------|----------------------------------|-------------------------------|-----------------|---------------------|----------------------|-----------------------------|---|
| Cost related to | Specification | Unit | Number of units | Unitary cost in EUR | Total amount in EUR | Community funding requested | |
| Cost of analysis | Elisa (serum antibody detection) | Individual animal sample/test | 3 200 | 6 | 19200 | yes | X |
| Cost of analysis | PCR (animal samples) | Individual animal sample/test | 600 | 15 | 9000 | 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 | Community 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 | Community 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 | Community funding requested |
| | | | | | 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 | Community 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 | Community funding requested |
| | | | | | Add a new row | |
| | | Total | | | 28 200,00 € | |

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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 : [.zip](#), [.jpg](#), [.jpeg](#), [.tiff](#), [.tif](#), [.xls](#), [.doc](#), [.bmp](#), [.pna](#).
- 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!
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