

Eradication: Final report for Bluetongue 2018

For each approved annual or multi-annual programme Member States shall submit to the Commission by the 30 April each year an annual detailed technical and financial report covering the previous year. That report shall include the results achieved and a detailed account of eligible costs incurred (Art 14 of Regulation (EU) No 652/2014).

This form is for information only, no submission possible.

ID: 20190729-XU7GU807

Country code: FR

Reporting period

From: 2018

To: 2020

Year of implementation: 2018

1. Technical implementation of the programme

1.1 Description and evaluation of the evolution of the epidemiological situation, the technical implementation of the activities foreseen under the programme and the cost-effectiveness of the programme.

I. Epidemiological situation

I.A. Mainland France

Bluetongue BTV-8 has been considered enzootic in mainland France starting from Novembre 2017.

Bluetongue BTV-4 has been considered enzootic in mainland France starting from January 2018.

109 outbreaks were detected through the active surveillance and clinical surveillance. 3280 additional outbreaks were detected via pre-movement tests that are not included in the present programme.

I.B. Corsica

118 outbreaks were detected in 2018 among which 2 were detected via pre-movement tests (not included in the programme).

II. Activities under the programme

II.A. Mainland France

Surveillance of exotic serotypes has been reconducted in 2018. In total, 45 ELISA tests in 3 sentinel herds were planned in each department. The expected number of ELISA tests is thus 4005 in 89 involved

departments.

In case of non negative ELISA test, investigations were conducted using PCR analyses (PCR of the suspect animals and on a sample of animals from the farm which size was chosen according to the herd size).

II.B. Corsica

The surveillance at slaughterhouse has been reconducted, targetting young, unvaccinated bovines.

Target = 60 PCR/month/Département = 1440. According to the epidemiological context, additional PCR testing has been conducted when investigations were necessary.

Keeping non-vaccinated animals to perform serological analyses would stand on the way of our future goal. Indeed, the objective is to obtain a full vaccination coverage in Corsica to regain a disease and infection free status. Therefore, keeping unvaccinated sentinel herds would slow down the goal of attaining full vaccination coverage and would confuse the communication about our objectives. By testing young animals by PCR between 6 month and one year old, we increase our chance to detect recent circulation of the virus compared to PCR testing on older animal which could have positive results corresponding to older infection.

II.C. Clinical surveillance

PCR testing have been used in farms with animals presenting clinical signs consistent with the presence of Bluetongue.

Investigations by PCR testing were also conducted in farms epidemiologically linked with outbreaks.

1.2 Details on the level of achievement of the targets set in the approved programme and technical difficulties.

I. Vaccination

I.A. Mainland France

The vaccination against BTV-4 and BTV-8 was not anymore mandatory in 2018. Consequently, it is not part of the present programme.

I.B. Corsica

The vaccination against BTV 1 + 4 was compulsory in Corsica in 2018. The theoretical number of necessary doses was around 213.000 doses considering part of the cattle needed primo-vaccination (2 doses).

The targets set in the approved programme are not achieved. Nevertheless, the data are currently under completion. Therefore, the figures filled out in the present report are underestimated.

II. Sampling and testing

The targets are not achieved neither. Once again, the data from the departments are incomplete, specifically for Elisa tests for which only 35 departments from Mainland France have filled out the information. Many departments failed to fill out the information where it was supposed to be making it difficult to collect.

Corsica have correctly submitted the data.

1.3 Epidemiological maps for infection and other relevant data on the disease/activities (information on serotypes involved,...) (Please attach files of data using the PDF attachment feature) Use the textbox below to provide clarifications for the maps you attach, if needed.

Bluetongue is considered as enzootic in France. Consequently, no map is needed nor provided.

2. TECHNICAL IMPLEMENTATION ON BLUETONGUE PROGRAMMES

VERY IMPORTANT: Please fill out the following tables with figures corresponding to measures performed during the implementing period (1/1 to 31/12).

Table A - DATA ON HERDS

Table A is not to be filled in for Bluetongue

Table B - DATA ON ANIMALS

| Region | Animal species | Total number of animals | Number of animals under the programme | Number of animals to be tested under the programme | Number of animals tested | Number of animals tested individually | Number of positive animals | Number of outbreaks |
|-----------------|-----------------|-------------------------|---------------------------------------|--|--------------------------|---------------------------------------|----------------------------|---------------------|
| Mainland France | Cattle | 18,933,467 | 18,933,467 | 4,005 | 260,240 | 260,240 | 9,862 | 3,368 |
| Mainland France | Sheep and Goats | 8,168,869 | 8,168,869 | 0 | 428 | 428 | 21 | 21 |
| Corsica | Cattle | 63,878 | 63,878 | 1,440 | 1,512 | 1,512 | 238 | 113 |
| Corsica | Sheep | 105,972 | 105,972 | 0 | 178 | 178 | 11 | 3 |

| | | | | | | | | |
|--------------|-------|------------|------------|-------|---------|---------|--------|-------|
| Corsica | Goats | 41,491 | 41,491 | 0 | 25 | 25 | 9 | 2 |
| Total | | 27,313,677 | 27,313,677 | 5,445 | 262,383 | 262,383 | 10,141 | 3,507 |

Table C - DATA ON VACCINATION PROGRAMMES

| Region | Animal species | Total number of herds | Total number of animals | Serotype | Number of herds in vaccination programme | Number of herds vaccinated | Number of animals vaccinated | Number of doses of vaccine administered | Number of adults vaccinated | Number of young animals vaccinated | Number of animals with primary vaccination (initial+ booster) |
|--------------|----------------|-----------------------|-------------------------|----------|--|----------------------------|------------------------------|---|-----------------------------|------------------------------------|---|
| Corsica | Cattle | 1,089 | 63,878 | BTV-1 | 1,083 | 470 | 21,226 | 21,226 | 0 | 0 | 0 |
| Corsica | Sheep | 575 | 1,059,720 | BTV-1 | 575 | 451 | 72,996 | 72,996 | 0 | 0 | 0 |
| Corsica | Goats | 373 | 41,491 | BTV-1 | 373 | 143 | 1,531 | 1,531 | 0 | 0 | 0 |
| Corsica | Cattle | 1,089 | 63,878 | BTV-4 | 1,089 | 470 | 21,226 | 21,226 | 0 | 0 | 0 |
| Corsica | Sheep | 575 | 1,059,720 | BTV-4 | 575 | 451 | 72,996 | 72,996 | 0 | 0 | 0 |
| Corsica | Goats | 373 | 41,491 | BTV-4 | 373 | 143 | 1,531 | 1,531 | 0 | 0 | 0 |
| Total | | 4,074 | 1,376,430 | | 4,068 | 2,128 | 191,506 | 191,506 | 0 | 0 | 0 |

Table D - DATA ON STATUS OF HERDS AT THE END OF THE PERIOD

Table D is not to be filled in for Bluetongue

Table E - SUSPENSION/WITHDRAWAL OF THE FREE OR OFFICIALLY FREE STATUS

Table E is not to be filled in for Bluetongue

Table F - STRATIFIED DATA ON SURVEILLANCE AND LABORATORY TESTS

| Region | Animal species | Number of samples | Test type | Number of tests | Number of positive tests |
|---|-----------------|-------------------|---------------------------------------|------------------------------|--------------------------|
| Mainland France: Active surveillance BTV8 | Cattle | 6,846 | Elisa test | 6,846 | 296 |
| Mainland France: Clinical surveillance | Cattle | 496 | PCR test | 496 | 139 |
| Mainland France: Clinical surveillance | Sheep and Goats | 85 | PCR test | 85 | 12 |
| Mainland France: investigation Active surveillance BTV8 | Cattle | 3,883 | PCR test | 3,883 | 178 |
| Mainland France: investigation Active surveillance BTV8 | Sheep and Goats | 24 | PCR test | 24 | 0 |
| Corsica: active surveillance BTV-4 | Cattle | 1,510 | PCR test | 1,510 | 237 |
| Corsica: clinical surveillance | Cattle | 2 | PCR test | 2 | 1 |
| Corsica: clinical surveillance | Sheep | 51 | PCR test | 51 | 11 |
| Corsica: clinical surveillance | Goats | 17 | PCR test | 17 | 4 |
| Total | | 12,914 | | 12,914 | 878 |
| | | | Methods of laboratory analysis | Total number of tests | |
| | | | Total - Elisa test | 6,846 | |
| | | | Total - PCR test | 6,068 | |

COMMENT / ADDITIONAL CLARIFICATION

France is willing to submit an updated version of the present report by the end of May 2019 in order to take into consideration the data from Corsica and Mainland France that is not included in the current figures.