

## About this dossier

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## Eradication: Final report for Bluetongue 2019

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: 20200512-Y4DSTIUB

**Country code:** ES

### Reporting period

**From:** 2019

**To:** 2019

**Year of implementation:** 2019

## 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.

In 2019 restriction zones have been reduced in Spain after providing information demonstrating the absence of BTV-4 and BTV-1 viral circulation for at least two vector activity seasons as set out in point 2 of Article 6 of Regulation 1266/2007, of 26 October 2007, as well as surveillance requirements established in Annex I of the mentioned regulation, in certain regions of the center of Spain.

During 2019, Spain was divided into 3 different zones with regard to Bluetongue disease: the restricted areas for serotype 4 and for serotypes 1-4, both in the south east of the mainland; and a bluetongue-free area including the northern and eastern of mainland territories as well as the Balearic and Canarian Islands.

During 2019, just 1 outbreak of BTV4 was notified, from a sentinel animal (caprine), sampled in December 2018.

The vaccination zones have been reduced compared to the previous season. We have maintained the preventive vaccination area in a voluntary basis in the 100 km radius from the border with France due to the epidemiological situation of BTV8 and BTV4 in France.

Serological surveillance as foreseen on the programme has been correctly performed in all regions.

Regarding vaccination, the results achieved during this period, on number of vaccinated animals due compulsory vaccination shows that it has been performed as foreseen in the vaccination areas for BTV4 and BTV 1.

The cost effectiveness relation is positive, taking into account the cost of the programme and the benefits of the disease control, as the performance of surveillance and compulsory vaccination has allowed a drastic reduction of viral circulation since 2014. Also, it has allowed to maintain a big part of the territory free from the disease and to facilitate the movements of susceptible animals from restricted areas to free zone.

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

This year, the level of achievement of the targets set on the programme has been appropriated. No outbreaks of BTV1 have been notified, and the BTV4 outbreak, was in a non-vaccinated animal in a sentinel holding (sampled in December 2018), which also demonstrates the effectiveness of the active surveillance programme.

Regarding vaccine coverage the targets have been achieved for BTV4 and BTV1.

We still find some difficulties in the surveillance programme related to the availability of not vaccinated animals in restricted areas, as the movement of animals from the restricted zone is conditioned to the vaccination status of the animal as well as the holding origin. For this reason, it is difficult to find operators that accept not to vaccinate their animals, as this lack of vaccination might condition the movements of these animals, and, as a consequence, their commercial interest.

In addition, seronegative animals are difficult to find in these regions; due to the viral circulation established in the south of Spain during last years and the high vaccination coverage in susceptible animals.

### 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.

1) Map with the new restriction zones for 2019 is attached, and includes the location of the BTV4 outbreak notified in 2019.

## 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
Free Zone	Cattle	4,287,148	4,287,148	2,537	28,544	28,544	0	0
RZ BTV4	Cattle	1,045,949	1,045,949	105	512	512	0	0
RZ BTV1-4	Cattle	1,017,722	1,017,722	220	885	885	0	0
Free Zone	Sheep and Goats	9,068,341	9,068,341	1,330	3,635	3,635	0	0
RZ BTV4	Sheep and Goats	2,546,130	2,546,130	241	581	581	0	0
RZ BTV1-4	Sheep and Goats	5,749,134	5,749,134	264	721	721	0	1
<b>Total</b>		23,714,424	23,714,424	4,697	34,878	34,878	0	1

### 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)
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Compulsory	Cattle	21,358	2,063,671	BTV-4	21,358	19,626	2,027,519	3,024,278	0	0	898,311
Compulsory	Cattle	11,234	1,017,722	BTV-1	11,234	10,697	1,015,366	1,460,133	0	0	384,156
Compulsory	Sheep	24,767	6,046,691	BTV-4	24,767	21,279	5,640,286	5,933,124	0	0	284,947
Compulsory	Sheep	17,431	3,971,458	BTV-1	17,431	15,321	3,860,850	4,256,520	0	0	292,329
<b>Total</b>		74,790	13,099,542		74,790	66,923	12,544,021	14,674,055	0	0	1,859,743

#### 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
Spain	Cattle	9,802	Elisa test	9,802	1,064
Spain	Cattle	27,706	PCR test	27,706	14
Spain	Sheep and Goats	12,351	Elisa test	12,351	452
Spain	Sheep and Goats	5,375	PCR test	5,375	0
<b>Total</b>		55,234		55,234	1,530
			<b>Methods of laboratory analysis</b>	<b>Total number of tests</b>	
			<b>Total - Elisa test</b>	22,153	
			<b>Total - PCR test</b>	33,081	

#### COMMENT / ADDITIONAL CLARIFICATION