

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: 20191114-U9YVHCRM

Country code: ES

Reporting period

From: 2018

To: 2018

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.

In 2018 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 2018/2019 season, 14 outbreaks of BTV4 were notified.

The vaccination zones have been maintained as in the previous season and no enlargement of RZ has been done on this 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 in France.

Serological surveillance as foreseen on the programme has been correctly performed on 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 with a coverage around 98% in bovine and 91% in the case of ovine.

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 14 BTV4 outbreaks, were in non-vaccinated animals in sentinels holdings, 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) Restriction area map for 2018, including the outbreaks on BTV4 2018/19 vector activity season.

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	4,473,154	4,473,154	2,562	32,071	32,071	0	0
Restricted zone 1-4	Cattle	1,712,123	1,712,123	301	500	500	24	4
Restricted zone 4	Cattle	431,851	431,851	94	868	868	0	0
Free Zone	Sheep and Goats	9,115,863	9,115,863	1,377	5,032	5,032	0	0
Restricted zone 1-4	Sheep and Goats	7,474,025	7,474,025	782	1,071	1,071	44	9
Restricted zone 4	Sheep and Goats	1,238,017	1,238,017	284	372	372	0	0
Total		24,445,033	24,445,033	5,400	39,914	39,914	68	13

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)
Compulsory vaccination	Cattle	23,181	2,187,161	BTV-4	23,181	21,482	2,167,552	3,180,791	0	0	972,281
Compulsory vaccination	Cattle	19,316	1,733,750	BTV-1	19,316	17,935	1,714,651	2,459,275	0	0	698,702
Compulsory vaccination	Sheep	27,054	6,447,534	BTV-4	27,054	22,451	5,796,381	6,405,492	0	0	764,681
Compulsory vaccination	Sheep	24,389	5,478,938	BTV-1	24,389	20,149	4,912,203	5,896,333	0	0	786,812
Total		93,940	15,847,383		93,940	82,017	14,590,787	17,941,891	0	0	3,222,476

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	10,418	Elisa test	10,418	614
SPAIN	Cattle	2,968	PCR test	4,427	24
SPAIN	Sheep and Goats	8,524	Elisa test	8,524	503
SPAIN	Sheep and Goats	2,429	PCR test	3,622	44
Total		24,339		26,991	1,185
			Methods of laboratory analysis	Total number of tests	
			Total - Elisa test	18,942	
			Total - PCR test	8,049	

COMMENT / ADDITIONAL CLARIFICATION

new final report sent after in depth control