

About this dossier

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Eradication: Final report for Bovine Brucellosis 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: 20200520-EMUPANVG

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.

The total number of herds investigated was 65,804 (96.85% coverage), with no herds positive for *B. abortus* (1 in 2018). Yes, a herd infected with *B. suis* biovar 2 has been detected. In 2018, there were 2 herds infected with *Brucella melitensis*. In short, the evolution of the prevalence at the herd level has reached the moment of apparent eradication of *Brucella abortus* in our country. There has only been one case of self-limiting brucellosis by *B. suis* in the province of León. It is the second case detected in cattle, after which it was detected in the province of Ávila in 2016.

Another important indicator for the evaluation of the program is the evolution of the different qualifications of the herds at the end of the year, since one of the main objectives of the program is the gradual increase of the herds classified as officially free.

The percentage of herds classified as B4 or B3 was 99.84% (99.77% in 2016), with a marked increase in herds B4, which already exceed 99.8% nationally, a necessary requirement for a country can be declared officially free.

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

The objectives proposed in the 2019 National Eradication Program were established based on WD SANTE / 2017/10186, which consisted of the non-existence of confirmed positive herds as of December 31 in Spain. Therefore, we consider the objective fulfilled, given that in 2019 there were no cases of bovine brucellosis caused by *B. abortus* in Spain.

Among the technical difficulties that are revealed when achieving levels of eradication of the disease, the appearance of an increasing number of "solitary sera" suspected of being FRSP stands out, for whose clarification it is necessary to use additional complementary tests such as ELISAc or BST tests.

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.

See annex II

2. TECHNICAL IMPLEMENTATION ON RUMINANT DISEASES 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

Region	Animal species	Total number of herds	Total number of herds under the programme	Number of herds to be checked under the programme this year	Number of herds checked	Number of positive herds	Number of new positive herds	Number of herds depopulated
		% of herds depopulated	% of herds coverage		% of positive herds Period herd prevalence		% of positive herds Herd incidence	
SPAIN	Cattle	109,987	107,814	67,945	65,804	0	0	0
		%	96.85 %		0 %		0 %	
Total		109,987	107,814	67,945	65,804	0	0	0
		%	96.85 %		0 %		0 %	

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 this year	Number of animals tested	Number of animals tested individually	Number of positive animals	Number of animals with positive result slaughtered or culled	Number of animals slaughtered
		% coverage at animals level				% positive animals Animal Prevalence			
SPAIN	Cattle	6,544,534	6,184,196	3,274,228	3,053,768	2,534,725	0	0	381
		93.27 %				0 %			
Total		6,544,534	6,184,196	3,274,228	3,053,768	2,534,725	0	0	381
		93.27 %				0 %			

Table C - DATA ON VACCINATION PROGRAMMES

Region	Animal species	Total number of herds	Total number of animals	Number of herds in vaccination programme this year	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)
SPAIN	Cattle	1,099,870	65,445,340	0	0	0	0	0	0	0
Total		1,099,870	65,445,340	0	0	0	0	0	0	0

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

	Region	Animal species	Total number of herds and animals under the programme	Unknown	Not free or not officially free from disease		Free of officially free-disease status suspended/withdrawn	Free from disease	Officially free from disease
					Last check positive	Last check negative			
herds	SPAIN	Cattle	107,232	0	0	150	23	4	107,055
animals	"	"	6,456,303	0	0	8,193	1,250	2,615	6,444,245

Total - herds	107,232	0	0	150	23	4	107,055
Total - animals	6,456,303	0	0	8,193	1,250	2,615	6,444,245

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

Region	Animal species	Status	Reason	Number of herds
SPAIN	Cattle	Suspended	Does not fulfil the routine testing frequency	20
Total				20

Table F - STRATIFIED DATA ON SURVEILLANCE AND LABORATORY TESTS

Region	Animal species	Test type	Number of samples	Number of tests	Number of positive tests
SPAIN	Cattle	ELISA test	22,016	22,016	233
SPAIN	Cattle	Rose Bengal test	2,436,634	2,436,634	6,930
SPAIN	Cattle	Complement fixation test	654,464	654,464	640
SPAIN	Cattle	Bacteriological test	1,698	1,698	0
SPAIN	Cattle	PCR test	36	36	0
Total			3,114,848	3,114,848	7,803
			Methods of laboratory analysis	Total number of tests	
			Total - Bacteriological test	1,698	
			Total - Complement fixation test	654,464	
			Total - ELISA test	22,016	
			Total - PCR test	36	
			Total - Rose Bengal test	2,436,634	

COMMENT / ADDITIONAL CLARIFICATION

Detailed data by regions are included in Annexes I and II.