

About this dossier

Output on: 2021/02/01 15:56
(Europe/Luxembourg)

Status: closed (submitted)

Created: 2020/05/27 20:58

Last updated: 2020/05/28 13:22

Eradication: Final report for Sheep And Goat 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: 20200527-CNQL9SD8

Country code: EL

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 programme complies with the requirements of Directive 91/68/EC. The Sheep & Goats Brucellosis programme is described in the Greek Ministerial Decision 3339/117339/04-11-2016, as amended by the Greek Ministerial Decision 2845/278980/01-11-2019.

The programme must be implemented all over Greece, in the mainland and the islands. Different measures will be implemented in each district of Greece: The green area (see attached map) indicates the eradication zone (EZ: test and slaughter policy) and the red area indicates the control programme (VZ: zone of compulsory vaccination).

Specifically, in the EZ, all animals over 6 months-old must be examined serologically annually. In the VZ, all healthy non-pregnant female animals, over 3 months-old, as well as the young male animals (3-6 months old), must be vaccinated once in their life compulsorily. Non-vaccinated male animals over 6 months of age must be serologically tested annually and vaccinated male animals must be serologically tested after a period of 12 months from the vaccination date in an annual base.

In general, taking into consideration the absolute numbers of vaccinations performed and blood samples collected, the epidemiological situation and the implementation of the programme remains at the same level the last 5 years at least. In addition the fact that the number of human cases has been decreased and

there is no aggravation of the disease in the country, we consider that the programme should be described as cost-effective.

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

In the EZ, there are 22.188 herds with 5.770.543 animals. According to the most updated data, 1.109 herds were tested and 198.555 animals were blood sampled.

In the VZ, there are 108.612 herds with 9.337.784 animals. According to the most updated available data, 587.996 vaccinations took place in 19.885 herds (277.723 adults, 303.033 young female animals and 7.240 young male animals). 1.283 positive animals were isolated in 354 herds. It is not considered necessary to vaccinate all the active herds, because some breeders do not keep replacement animals. During the period 2011-2019 a number of exogenous factors have taken place incommoding the programme, such as: financial crisis and massive retirement of official vets, new diseases in the country (rabies, sheep pox, blue tongue, LSD, ASF), problems in purchase of vaccines etc. Under the current circumstances the target set for the EZ was not feasible to be achieved. The targets for 2019 in the Vaccination Zone were: 1.800.000 new vaccinated animals in the 80% of the herds and at least 200.000 blood samples collected from the male animals.

The implementation of S&G Brucellosis programme was performed both by official and private veterinarians. The participation of private vets was estimated to cover about 77.8% of the blood-samplings and 53.9% of the vaccinations (at animal level). These private vets were paid by the farmers for the implementation of the programme.

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.

Please find attached the map of Greece with the two zones regarding the S&G Brucellosis Program: Vaccination Zone & Eradication Zone.

1.4 Additional epidemiological information (on epidemiological inquiries, abortions, lesions found in abattoir, human cases, etc...)

According to the Hellenic Center for Disease Control & Prevention the total number of human brucellosis cases during each year from 2014 to 2019 were as follows:

135 in 2014
110 in 2015
122 in 2016
95 in 2017
97 in 2018
26 in 2019

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	
Eradication zone	Sheep and Goats	22,118	22,188	22,188	1,109	37	9	0
		0 %	5 %		3.34 %		0.81 %	
Total		22,118	22,188	22,188	1,109	37	9	0
		0 %	5 %		3.34 %		0.81 %	

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			
Eradication zone	Sheep and Goats	5,770,543	5,770,543	5,770,543	198,555	198,555	63	63	63
		3.44 %				0.03 %			
Total		5,770,543	5,770,543	5,770,543	198,555	198,555	63	63	63
		3.44 %				0.03 %			

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)
Vaccination zone	Sheep and Goats	108,612	9,337,784	108,612	19,885	587,996	750,000	277,723	310,273	310,273
Total		108,612	9,337,784	108,612	19,885	587,996	750,000	277,723	310,273	310,273

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	Eradication zone	Sheep and Goats	22,188	28,298	25	977	9	0	365
animals	"	"	5,770,543	1,886,296	10,890	353,384	1,285	0	103,616
Total - herds			22,188	28,298	25	977	9	0	365
Total - animals			5,770,543	1,886,296	10,890	353,384	1,285	0	103,616

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

Region	Animal species	Status	Reason	Number of herds
Eradication zone	Sheep and Goats	Suspended	Does not fulfil the routine testing frequency	9
Total				9

Table F - STRATIFIED DATA ON SURVEILLANCE AND LABORATORY TESTS

Region	Animal species	Test type	Number of samples	Number of tests	Number of positive tests
Whole country	Sheep and Goats	Rose Bengal test	564,773	564,773	1,985
Whole country	Sheep and Goats	Complement fixation test	8,495	8,495	1,376
Total			573,268	573,268	3,361
			Methods of laboratory analysis	Total number of tests	
			Total - Complement fixation test	8,495	
			Total - Rose Bengal test	564,773	

COMMENT / ADDITIONAL CLARIFICATION