

Eradication: Final report for Sheep And Goat Brucellosis 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.

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Country code: EL

Reporting period

From: 2018

To: 2019

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.

The programme complies with the requirements of to Directive 91/68/EC. The S&G Brucellosis programme is described in the Greek Ministerial Decision 3339/117339/04-11-2016. 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). More specifically, in the EZ, all animals over 6 months-old must be examined serologically annually. In the VZ, the healthy non-pregnant female animals, over 3 months-old and 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.

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

In the EZ, there are 19.731 herds with 4.779.403 animals. According to the most updated data, 1.389 herds were tested and 230.259 animals were blood sampled.

In the VZ, there are 57.064 herds with 9.635.036 animals. According the most updated available data, 782.564 vaccinations took place in 24.642 herds (355.110 adults, 415.586 young female animals and 11.868 young male animals). 1.587 positive animals were isolated in 729 herds. It is not necessary that all the active herds should be vaccinated because some breeders do not keep replacement animals.

During the period 2011-2018 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), 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 2018 in the Vaccination Zone were: 2.000.000 new vaccinated animals in the 80% of the herds and at least 300.000 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 58% of the blood-samplings and 52% 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 2018 is 97. The human cases for 2017 were 95, in 2016 were 122, in 2015 were 110 and the human cases in 2014 were 135.

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	19,731	19,731	19,731	1,389	36	9	0
		0 %	7.04 %		2.59 %		0.65 %	
Total		19,731	19,731	19,731	1,389	36	9	0
		0 %	7.04 %		2.59 %		0.65 %	

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	4,779,403	4,779,403	4,779,403	230,259	230,259	42	42	42
						4.82 %		0.02 %	
Total		4,779,403	4,779,403	4,779,403	230,259	230,259	42	42	42
						4.82 %		0.02 %	

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	57,064	9,635,036	57,064	24,642	782,564	950,000	355,110	427,454	427,454
Total		57,064	9,635,036	57,064	24,642	782,564	950,000	355,110	427,454	427,454

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	19,731	8,167	1	1,026	0	0	266
animals	"	"	4,779,403	1,604,612	538	151,231	0	0	71,268
Total - herds			19,731	8,167	1	1,026	0	0	266
Total - animals			4,779,403	1,604,612	538	151,231	0	0	71,268

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

Region	Animal species	Status	Reason	Number of herds
Total				0

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	533,115	533,115	2,245
Whole country	Sheep and Goats	Complement fixation test	8,288	8,288	1,528
Total			541,403	541,403	3,773
		Methods of laboratory analysis		Total number of tests	
		Total - Complement fixation test		8,288	
		Total - Rose bengal test		533,115	

COMMENT / ADDITIONAL CLARIFICATION

Regarding the updated data in this report compared to the previous one (20190410), this is due to the sending of additional data from the Veterinary Departments. Unfortunately, data is still missing from some VDs.

Table C: Number of animals with primary vaccination (d) (initial + booster) = Number of young animals vaccinated (c). = 427.454

Total number of vaccinated animals: 782.564.

The number of administered doses of Rev-1 has been roughly calculated + 20% of vaccinated animals plus a small amount of vaccinated animals from the VDs which have not yet sent data but it is known that they implement the brucellosis programme.