



EUROPEAN COMMISSION
HEALTH & CONSUMERS DIRECTORATE-GENERAL

Unit 04 - Veterinary Control Programmes

SANCO/10215/2009

*Programmes for the eradication, control and monitoring of certain
animal diseases and zoonoses*

Eradication programme of Bovine Brucellosis

Approved* for 2010 by Commission Decision 2009/883/EC

Cyprus

* in accordance with Council Decision 2009/470/EC

ANNEX I

Standard requirements for the submission of national programmes for the eradication, control and monitoring of the animal diseases or zoonoses referred to in Article 1(a)¹

1. Identification of the programme

Member State: Cyprus

Disease(s)²: Bovine brucellosis

Request of Community co-financing for³: 2010

Reference of this document: 137/89/28 Brucellosis, 3/2003/A4

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Date sent to the Commission: 30nd April 2009.

2. Historical data on the epidemiological evolution of the disease(s)⁴

The bovine brucellosis eradication program is applied on the area controlled by the Veterinary Services of the Republic of Cyprus. The total bovine population is estimated to 54,699 animals, reared in 351 herds. The bovine population under the brucellosis eradication program is 36,863 animals in 322 herds.

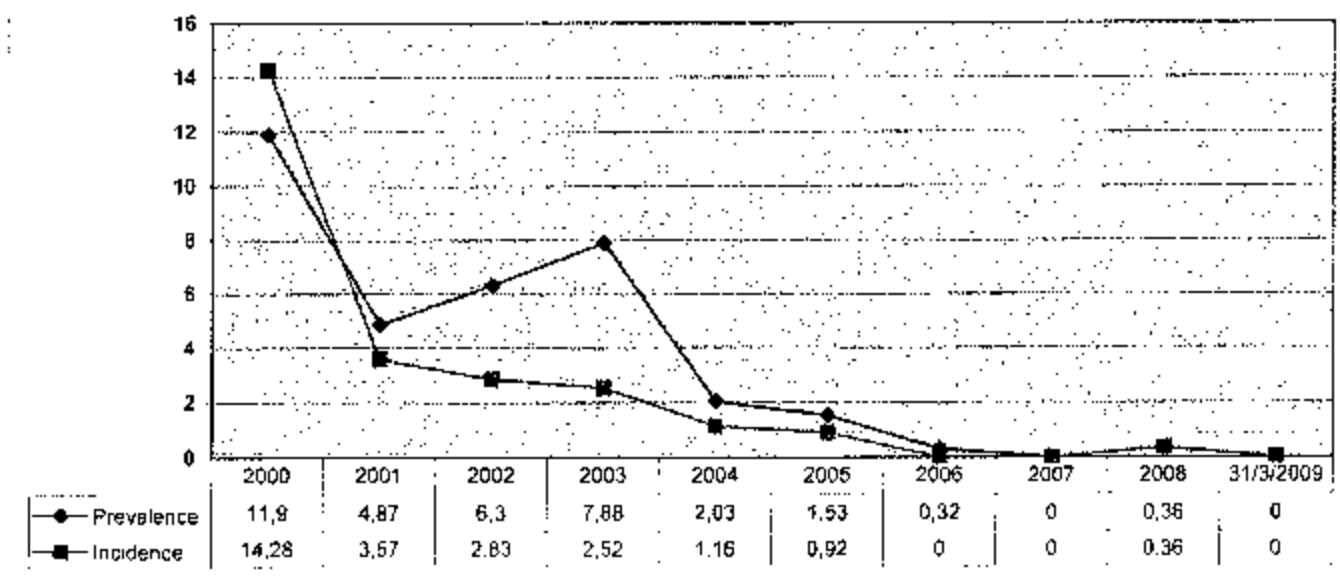
According to the epidemiological data, from 2000 until April 2009, the prevalence and incidence of bovine brucellosis in Cyprus have decreased and reached zero level (see Graph 1).

¹ In the case of the second and subsequent years of a multi-annual programme that has already been approved by a Commission Decision, only section I, section 7 and section 8 need to be completed.

² One document per disease is used unless all measures of the programme on the target population are used for the monitoring, the control and eradication of different diseases.

³ Indicate the year(s) for which co-financing is requested.

⁴ A concise description is given with data on the target population (species, number of herds and animals present and under the programme), the main measures (resting, testing and slaughter, testing and killing, qualification of herds and animals, vaccination) and the main results (incidence, prevalence, qualification of herds and animals). The information is given according distinct periods if the measures were substantially modified. The information is documented by relevant summary epidemiological tables, graphs or maps.



Graph 1

From 1/1/2002 until October 2004, United Nations Office for Project Services has funded the bicommunal bovine brucellosis eradication program (UNOPS, Cont. No: WS1;-PS03-4463). In 2004, 2005, 2006, 2007 and 2008 the EU has cofinanced the 50% of the programme.

Description of the submitted programme⁵:

The bovine brucellosis eradication program is based on a test and extended slaughter or killing of positive animals, implemented in the area controlled by the Veterinary Services of the Republic of Cyprus, concerning all bovine animals over 12 months old. Also, there is a program of declaration of farms as brucellosis officially free. Until now 291 farms have been declared officially free. The rest herds are under the procedure of granting the officially free status. According to the article 7 of the L.O.14/2002 treatment of infected animals with brucellosis and the use of vaccines are prohibited. As a positive case is defined a case when an animal reacts positively at Rose Bengal test and CFT test (> 20 ICFTU).

⁵ A concise description of the programme is given with the main objective(s) (monitoring, control, eradication, qualification of herds and/or regions, reducing prevalence and incidence), the main measures (testing, testing and slaughter, testing and killing, qualification of herds and animals, vaccination), the target animal population and the area(s) of implementation and the definition of a positive case.

4. Measures of the submitted programme

4.1. Summary of measures under the programme

Duration of the programme:

First year: 2002

Last year:

- | | |
|---|--|
| <input type="checkbox"/> Control | <input checked="" type="checkbox"/> Eradication |
| <input type="checkbox"/> Testing | <input checked="" type="checkbox"/> Testing |
| <input type="checkbox"/> Slaughter of animals tested positive | <input checked="" type="checkbox"/> Slaughter of animals tested positive |
| <input type="checkbox"/> Killing of animals tested positive | <input checked="" type="checkbox"/> Killing of animals tested positive |
| <input type="checkbox"/> Vaccination | <input checked="" type="checkbox"/> Extended slaughter or killing |
| <input type="checkbox"/> Treatment | <input type="checkbox"/> Disposal of products |
| <input type="checkbox"/> Disposal of products | |
| <input type="checkbox"/> Eradication, control or monitoring. | <input type="checkbox"/> Other measures (<i>specify</i>): |

4.2. Organisation, supervision and role of all stakeholders⁶ involved in the programme:

The Department of Veterinary Services, which belongs to the Ministry of Agriculture, Environment and Natural Resources, is responsible for the application of the bovine brucellosis eradication program. The Director of the Veterinary Services is responsible for the coordination of the whole program.

The five District Veterinary Offices with six District Veterinary Stations are responsible for the collection and the transport of the samples to the Laboratories, the information of the owners for the results, the epidemiological report in new outbreaks, the slaughter of the seropositive animals and the compensations and the disinfections of the infected farms.

The 3 District Veterinary Laboratories under the supervision of the Central Laboratory are performing the RB test for samples coming from their area. The Central Veterinary Laboratory performs the RB test for one District. All RB positive samples are further

⁶ Describe the authorities in charge of supervising and coordinating the departments responsible for implementing the programme and the different operators involved. Describe the responsibilities of all involved.

processed in the Central Laboratory with CFT. The bulk milk ELISA test is performed in the Central Laboratory.

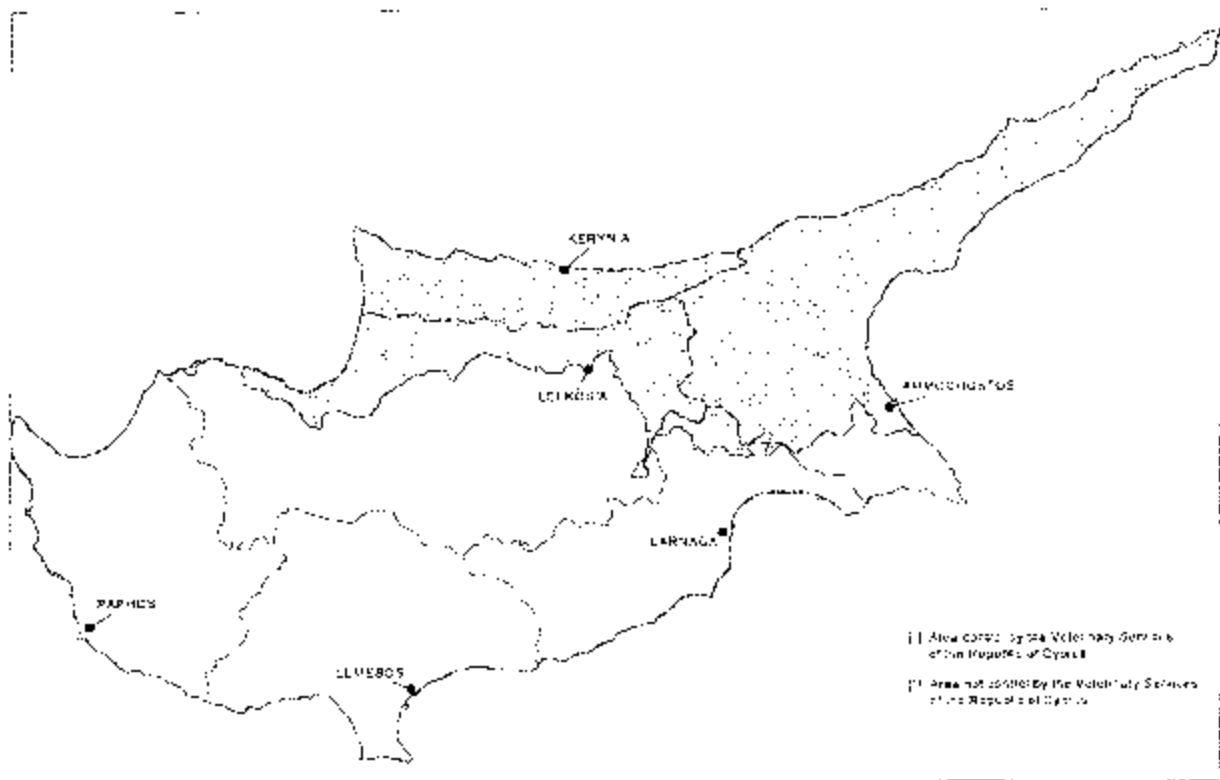
The Laboratories report all the results to the District Veterinary Offices and the Division of Animal Health and Welfare. The Division of Animal Health and Welfare keeps in a central database all the information about the progress of the program. A committee of three Veterinary Officers examines and evaluates the new outbreaks, the depopulations or the declaration as free of the infected herds taking into account the laboratory results and the epidemiological reports for each case. The committee reports to the Director who takes the final decision and gives instructions to the District Veterinary Officers to take the required actions.

In every positive case the slaughterhouses and the dairy plants are informed.

4.3. Description and demarcation of the geographical and administrative areas in which the programme is to be implemented⁷:

The program is implemented in all the area controlled by the Veterinary Services of the Republic of Cyprus.

⁷ Describe the name and denomination, the administrative boundaries, and the surface of the administrative and geographical areas in which the programme is to be applied. Illustrate with maps.



4.4. Description of the measures of the programme⁸:

4.4.1. Notification of the disease:

Brucellosis is a notifiable disease in Cyprus according to article 6 of the Law 109(I)2001. Any case of abortion or other symptoms related to brucellosis are compulsory notifiable to Veterinary Services of the Republic of Cyprus.

4.4.2. Target animals and animal population:

All bovine animals over 12 months old in breeding and production farms are involved in the programme.

4.4.3. Identification of animals and registration of holdings:

⁸ A comprehensive description needs to be provided of all measures unless reference can be made to Community legislation. The national legislation in which the measures are laid down is mentioned.

The central authority has registered all bovine herds in the Republic of Cyprus and each has been allocated a unique herd number in accordance with L.O. 338/2000 and 399/2002.

All bovine animals are ear tagged on both ears with an individual identification code in accordance with L.O. 508/2004 and EU Reg. 1760/2000.

A 10% of the establishments are randomly inspected according to Regulation 1760/2000.

4.4.4. Qualifications of animals and herds⁹:

The programme for the qualification of the herds is based on the following legislation: 64/432/EEC, L.O. 724/2003 and 160/2005.

4.4.5. Rules on the movement of animals:

All movements of animals should be reported and registered on a central database and are allowed only after a brucellosis negative serological examination.

Movements from infected herds are allowed after a special license and only for slaughtering in a certain slaughterhouse.

The central Database of the Animal Identification and Registration scheme enables tracing of any animal from the date of birth to the date of death or slaughter.

4.4.6. Tests used and sampling schemes:

Serological tests:

Dairy Farms: Confirmation of a positive bulk milk ELISA test with Rose Bengal and Complement Fixation Test in all animals over 12 months old

Farms with less than 10 individuals over 12 months old: Screening test: Rose Bengal Test and confirmation with Complement Fixation Test

Infected farms: Monthly screening of all animals over 12 months with Rose Bengal Test and Complement Fixation Test.

⁹ To mention only if applicable.

Description of the used microbiological or virological tests:

Samples: Milk samples from seropositive animals of new outbreaks (centrifugation and sampling from the cream and deposit)

Aborted fetuses (gastric content and lung)

Isolation: On Brucella medium incubating in 37°C with and without CO₂

Description of the other used tests: -

Dairy Farms: Screening test: bulk milk ELISA 4 times per year

All animals in not officially free herds are examined serologically every 12 months, while infected herds are under monthly reexaminations and slaughtering of the positive animals. In officially free herds animals are examined serologically once a year or are tested with bulk milk ELISA at least 3 times per year.

The programme for the qualification of the herds is based on the Directive 64/432/EEC.

4.4.7. Vaccines used and vaccination schemes:

According to the L.O.724/2003 the use of vaccines are prohibited.

4.4.8. Information and assessment on bio-security measures management and infrastructure) in place in the holdings involved and

4.4.9. Measures in case of a positive result¹⁰:

After a serologically confirmed positive result, the committee evaluates the new case taking also into account the data from the epidemiological report and informs the Director who finally gives instructions to the District Veterinary Officers for measures to be taken.

- a. The farm is placed under movement restriction.

¹⁰ A short description is provided of the measures as regards positive animals (slaughter, destination of carcasses, use or treatment of animal products, the destruction of all products which could transmit the disease or the treatment of such products to avoid any possible contamination, a procedure for the disinfection of infected holdings, the therapeutic or preventive treatment chosen, a procedure for the restocking with healthy animals of holdings which have been depopulated by slaughter and the creation of a surveillance zone around the infected holding.).

- b. The Organizations collecting the milk are notified to collect the milk from the infected farms in separate milk tanks for pasteurization.
- c. Seropositive bovines are isolated from the other animals to be slaughtered in the designated slaughterhouse. In case it is decided that all the animals in the herd will be slaughtered, restocking is permitted after 6 months.
- d. Seropositive animals are valued before slaughter. Compensations 100% of the reproductive value are paid to owners.
- e. Dogs or other species of animals susceptible to Brucellosis are also examined serologically.
- f. One month after the slaughter, all bovine over twelve months old are reexamined serologically.
- g. Serological reexamination of the confirmed positive herds is performed every month, and the seropositive bovines are culled.
- h. The owners clean and disinfect their farms under the supervision of the Veterinary Services, which provides the disinfectant free.
- i. The pasture is buried or collected and disinfected in a place far from establishments.

All the measures mentioned above are included in the following legislation:

1. The animal health laws (N. 109 (I)/2001, N. 82(I)/2003 and 116(I)/2007)
2. The control of Brucellosis, Tuberculosis and Enzootic Leucosis of cattle orders of 2002 and 2003 (L.O. 14/2002 and L.O. 724/2003)
3. The animal health (requirements governing the trade in bovine and porcine animals), regulations of 2002 and 2005 (L.O. 464/2002 and L.O. 160/2005)
4. Directive 64/432 EEC.

4.4.10. Compensation scheme for owners of slaughtered and killed animals:

The owners are compensated for the 100% of the reproductive value of the animals confiscated. These animals include those giving a positive result either to Rose Bengal or to CFT or to both of them or in case of depopulation all the animals of the flock.

4.4.11. Control on the implementation of the programme and reporting:

The progress of the programme performed by the District Veterinary Offices is controlled by the Animal Health and Welfare Division, that is responsible for preparing the reports sent to EC.

5. **Benefits of the programme**¹¹:

The costs for the authorities include the money and time spent for the implementation of the program (materials for sampling, testing, transportation of workers, salaries, compensations, transportation of the confiscated animals, disinfections) and also the risk of people working for the program to be infected with brucellosis. In addition, the inconvenience (movement restriction, milk and manure treatment, threat of transmitting the disease to neighbouring farms) that the program creates to the farmers, leads to conflicts with the authorities and other farmers and interferes with the regular application of the program.

However, the benefits for the farmers and society overcome any costs because the assurance of animal and public health through the implementation of the program is very crucial. The eradication of the disease on the long run will increase the productivity of farms concerning milk and meat quantity and quality. Also, farmers and their families will not be under the continuous threat of being infected themselves.

¹¹ A description is provided of the benefits for farmers and society in general.

6. Data on the epidemiological evolution during the last five years¹⁵

6.1. Evolution of the disease¹⁶

6.1.1 Data on herds^(a) (one table per year and per disease/species)

Year: 2004 **Situation on date:**

Disease^(b): Brucellosis **Animal species:** Bovine

Region ^(c)	Total number of herds ^(d)	Total number of herds under the programme	Number of herds checked ^(e)	Number of positive herds ^(d)	Number of new positive herds ^(d)	Number of herds depopulated	% positive herds depopulated	INDICATORS		
								% herd coverage	% positive herds Period herd prevalence	% new positive herds Herd incidence
I	2	3	4	5	6	7	8 = (7) / 100	9 = (4/3) / 100	10 = (5/4) / 100	11 = (6/3) / 100
ALL REGIONS	370	345	345	7	4	0	0%	100%	2.03%	1.16%
Total	370	345	345	7	4	0	0%	100%	2.03%	1.16%

(a) Herds or flocks, or holdings as appropriate.

(b) Disease and animal species if necessary.

(c) Region as defined in the eradication programme of the Member State.

(d) Total number of herds existing in the region including eligible herds and non-eligible herds for the programme.

(e) Check means to perform a herd level test under the programme for the respective disease with the purpose of maintaining or upgrading, the health status of the herd. In this column a herd should not be counted twice even if has been checked more than once.

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The data on the evolution of the disease are provided according the tables below where appropriate.

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No data to provide in case of rabies.

- (f) Herds with at least one positive animal during the period independent of the number of times the herd has been checked.
- (g) Herds which status in the previous period was *Unknown, Not free-negative, Free, Officially Free or Suspended* and have at least one animal tested positive in this period.

Year: 2005 Situation on date:

Disease^(b): Brucellosis Animal species: Bovine

Region ^(c)	Total number of herds ^(a)	Total number of herds under the programme (b)	Number of herds checked ^(a)	Number of positive herds ^(b)	Number of new positive herds ^(b)	Number of herds depopulated	% positive herds depopulated	INDICATORS		
								% herd coverage	% positive herds Period herd prevalence	% new positive herds Herd incidence
1	2	3	4	5	6	7	8 = (7/5)x100	9 = (4/3)x100	10 = (5/4)x100	11 = (6/4)x100
ALL REGIONS	355	334	327	5	3	0	0%	98%	1.53%	0.92%
Total	355	334	327	5	3	0	0%	98%	1.53%	0.92%

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Year: 2006

Situation on date:

Disease^(b):

Brucellosis

Animal species: Bovine

Region ^(a)	Total number of herds ^(a)	Total number of herds under the programme (b)	Number of herds checked ^(c)	Number of positive herds ^(d)	Number of new positive herds ^(e)	Number of herds depopulated	% positive herds depopulated	INDICATORS		
								% herd coverage	% positive herds Period herd prevalence	% new positive herds Herd incidence
1	2	3	4	5	6	7	8 (7-8)/100	9 = (4-5)/100	10 (5-4)/100	11 = (6-4)/100
ALL REGIONS	349	326	312	1	0	0	0%	96%	0.32%	0%
Total	349	326	312	1	0	0	0%	96%	0.32%	0%

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Year: 2007 **Situation on date:**

Disease^(a): Brucellosis **Animal species:** Bovine

Region ^(c)	Total number of herds ^(d)	Total number of herds under the programme (h)	Number of herds checked ^(e)	Number of positive herds ^(d)	Number of new positive herds ^(d)	Number of herds depopulated	% positive herds depopulated	INDICATORS		
								% herd coverage	% positive herds Period herd prevalence	% new positive herds Herd incidence
1	2	3	4	5	6	7	8 (7/5 x 100)	9 - (4/2) x 100	10 = (5/4) x 100	11 = (6/3) x 100
ALL REGIONS	353	350	289	0	0	0	0%	87.6%	0%	0%
Total	353	350	289	0	0	0	0%	87.6%	0%	0%

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Year: 2008

Situation on date:

Disease^(b): Brucellosis

Animal species: Bovine

Region ^(a)	Total number of herds ^(a)	Total number of herds under the programme (b)	Number of herds checked ^(c)	Number of positive herds ^(d)	Number of new positive herds ^(e)	Number of herds depopulated	% positive herds depopulated	INDICATORS		
								% herd coverage	% positive herds Period herd prevalence	% new positive herds Herd incidence
1	2	3	4	5	6	7	8 (7/5 IN/100)	9 = (4/3) x 100	10 = (5/4) x 100	11 = (6/4) x 100
ALL REGIONS	343	320	284	1	1	0	0%	88.8%	0.36%	0.36%

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Year: 2009 Situation on date: 31/3/2009

Disease^(b): **Brucellosis** Animal species: **Bovine**

Region ^(a)	Total number of herds ^(a)	Total number of herds under the programme (h)	Number of herds checked ^(a)	Number of positive herds ^(b)	Number of new positive herds ^(c)	Number of herds depopulated	% positive herds depopulated	INDICATORS		
								% herd coverage	% positive herds Period herd prevalence	% new positive herds Herd incidence
1	3	3	4	3	6	7	8 (75%)x100	9 (67%)x100	10 (54%)x100	11 (0%)x100
ALL REGIONS	351	322	232	0	0	0	0%	72%	0%	0%
Total	351	322	232	0	0	0	0%	72%	0%	0%

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6.1.2. Data on animals (one table per year and per disease/species)

Year: 2004

Situation on date:

Disease^(a): Brucellosis

Animal species: Bovine

Region ^(b)	Total number of animals ^(c)	Number of animals ^(d) to be tested under the programme	Number of animals ^(e) tested	Number of animals tested individually ^(f)	Number of positive animals	Slaughtering		INDICATORS	
						Number of animals with positive result slaughtered or culled	Total number of animals slaughtered ^(g)	% coverage at animal level	% positive animals Annual prevalence
1	2	5	4	5	6	7	8	9-(4.3)x100	10 (6.0)x100
ALL REGIONS	62,201	41,899	41,899	41,858	116	116	116	100%	0.27%
Total	62,201	41,899	41,899	41,858	116	116	116	100%	0.27%

(a) Disease and animal species if necessary.

(b) Region as defined in the approved eradication programme of the Member State.

(c) Total number of animals existing in the region including eligible herds and non-eligible herds for the programme.

(d) Includes animals tested individually or under bulk level scheme.

(e) Include only animals tested individually, do not include animals tested by bulk level samples (e.g.: milk bulk tank tests).

(f) Include all positive animal slaughtered and also the negative animals slaughtered under the programme.

Year: 2005

Situation on date:

Disease^(a): Brucellosis

Animal species: Bovine

Region ^(b)	Total number of animals ^(c)	Number of animals ^(b) to be tested under the programme	Number of animals ^(b) tested	Number of animals tested individually ^(d)	Number of positive animals	Slaughtering		INDICATORS	
						Number of animals with positive result slaughtered or culled	Total number of animals slaughtered ^(e)	% coverage at animal level	% positive animals Animal prevalence
1	2	3	4	5	6	7	8	9: (7)/8*100	10: 6/3*100
ALL REGIONS	61,432	41,921	41,735	41,735	114	114	182	99.6%	0.27%
Total	61,432	41,921	41,735	41,735	114	114	182	99.6%	0.27%

(a) Disease and animal species if necessary.

(b) Region as defined in the approved eradication programme of the Member State.

(c) Total number of animals existing in the region including eligible herds and non-eligible herds for the programme.

(d) Includes animals tested individually or under bulk level scheme.

(e) Include only animals tested individually, do not include animals tested by bulk level samples (e.g.: milk bulk tank tests).

(f) Include all positive animal slaughtered and also the negative animals slaughtered under the programme.

Year: 2006

Situation on date:

Disease^(a): Brucellosis

Animal species: Bovine

Region ^(b)	Total number of animals ^(c)	Number of animals ^(d) to be tested under the programme	Number of animals ^(e) tested	Number of animals tested individually ^(f)	Number of positive animals	Slaughtering		INDICATORS	
						Number of animals with positive result slaughtered or culled	Total number of animals slaughtered ^(g)	% coverage at animal level	% positive animals Animal prevalence
1	2	5	4	5	6	7	8	9=0.3x100	10 (6.4 x100)
ALL REGIONS	58,948	40,053	39,617	12,653	2	2	12	99%	0.005%
Total	58,948	40,053	39,617	12,653	2	2	12	99%	0.005%

(a) Disease and animal species if necessary.

(b) Region as defined in the approved eradication programme of the Member State.

(c) Total number of animals existing in the region including eligible herds and non-eligible herds for the programme.

(d) Includes animals tested individually or under bulk level scheme.

(e) Include only animals tested individually, do not include animals tested by bulk level samples (e.g. milk bulk tank tests).

(f) Include all positive animals slaughtered and also the negative animals slaughtered under the programme.

Year: 2007

Situation on date:

Disease^(a): Brucellosis Animal species: Bovine

Region ^(b)	Total number of animals ^(c)	Number of animals ^(d) to be tested under the programme	Number of animals ^(a) tested	Number of animals tested individually ^(e)	Number of positive animals	Slaughtering		INDICATORS	
						Number of animals with positive result slaughtered or culled	Total number of animals slaughtered ^(f)	% coverage at animal level	% positive animals Annual prevalence
1	2	3	4	5	6	7	8	9 (10/100)	10 (6.1/100)
ALL REGIONS	57,568	38,950	31,939	5,755	0	0	1	87.7%	0%
Total	57,568	38,950	31,939	5,755	0	0	1	87.7%	0%

(a) Disease and animal species if necessary.

(b) Region as defined in the approved eradication programme of the Member State.

(c) Total number of animals existing in the region including eligible herds and non-eligible herds for the programme.

(d) Includes animals tested individually or under bulk level scheme.

- (e) Include only animals tested individually, do not include animals tested by bulk level samples (e.g.: milk bulk tank tests).
 (f) Include all positive animal slaughtered and also the negative animals slaughtered under the programme.

Year: 2008

Situation on date:

Disease^(a): Brucellosis Animal species: Bovine

Region ^(b)	Total number of animals ^(c)	Number of animals ^(d) to be tested under the programme	Number of animals ^(e) tested	Number of animals tested individually ^(a)	Number of positive animals	Slaughtering		INDICATORS	
						Number of animals with positive result slaughtered or culled	Total number of animals slaughtered ^(f)	% coverage at animal level	% positive animals Animal prevalence
1	2	3	4	5	6	7	8	9=4/7x100	10=6/1x100
ALL REGIONS	55,620	38,494	35,038	9,255	1	1	1	91%	0.003%
Total	55,620	38,494	35,038	9,255	1	1	1	91%	0.003%

(a) Disease and animal species if necessary.

- (b) Region as defined in the approved eradication programme of the Member State.
- (c) Total number of animals existing in the region including eligible herds and non-eligible herds for the programme.
- (d) Includes animals tested individually or under bulk level scheme.
- (e) Include only animals tested individually, do not include animals tested by bulk level samples (e.g.: milk bulk tank tests).
- (f) Include all positive animal slaughtered and also the negative animals slaughtered under the programme.

Year: 2009

Situation on date: 31/3/2009

Disease^(a): Brucellosis

Animal species: Bovine

Region ^(b)	Total number of animals ^(c)	Number of animals ^(d) to be tested under the programme	Number of animals ^(e) tested	Number of animals tested individually ^(e)	Number of positive animals	Slaughtering		INDICATORS	
						Number of animals with positive result slaughtered or culled	Total number of animals slaughtered ^(f)	% coverage at animal level	% positive animals Animal prevalence
1	2	3	4	5	6	7	8	9=(7/8)x100	10=(6/3)x100
ALL REGIONS	54,699	36,863	18,759	1,829	0	0	1	50.9%	0%
Total	54,699	36,863	18,759	1,829	0	0	1	50.9%	0%

(a) Disease and animal species if necessary.

(b) Region as defined in the approved eradication programme of the Member State.

(c) Total number of animals existing in the region including eligible herds and non-eligible herds for the programme.

(d) Includes animals tested individually or under bulk level scheme.

(e) Include only animals tested individually, do not include animals tested by bulk level samples (e.g.: milk bulk tank tests).

(f) Include all positive animal slaughtered and also the negative animals slaughtered under the programme.

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6.2. Stratified data on surveillance and laboratory tests

6.2.1. Stratified data on surveillance and laboratory tests (one table per year and per disease/species)

Year: 2004

Disease^(a): Brucellosis

Animal species/category^(b): Bovine

Description of the used serological tests:

Dairy Farms : Confirmation of a positive bulk milk ELISA test with Rose Bengal and Complement Fixation Test in all animals over 12 months old

Farms with less than 10 individuals over 12 months old: Screening test: Rose Bengal Test and confirmation with Complement Fixation Test

Infected farms: Monthly screening of all animals over 12 months with Rose Bengal Test and confirmation with Complement Fixation Test.

In case that in a herd the positive Rose Bengal Test is more than 5% then all the animals over 12 months old of the herd are examined with Complement Fixation Test.

Description of the used microbiological or virological tests:

Samples: Milk samples from seropositive animals of new outbreaks (centrifugation and sampling from the cream and deposit)

Aborted fetuses (gastric content and lung)

Isolation: On Brucella medium incubating in 37C with and without CO2

Confirmation on the species level: Dye of the colony with Gram and Stamp. Culture on Mc Conkey agar (lactose fermentation) and Blood agar (Haemolysis).

Identification: A number of isolated bacteria have been sent for identification to the National Reference Laboratory for brucellosis in Larissa, Greece

Description of the other used tests: -

Dairy Farms: Screening test: bulk milk ELISA 6 times per year

Region ^(a)	Serological tests		Microbiological or virological tests			Other tests (bulk milk ELISA)	
	Number of samples tested ^(c)	Number of positive samples ^(d)	Number of samples tested ^(c)	Number of positive samples ^(d)	Number of positive samples ^(d)	Number of samples tested ^(c)	Number of positive samples ^(e)
ALL REGIONS	42 858	116	MILK 3	MILK 0	FEJUS 3	1 840	8
Total	42 858	116	3	0	3	1 840	8

(a) Disease and animal species if necessary.

(b) Region as defined in the approved eradication programme of the Member State.

(c) Number of samples tested.

(d) Number of positive samples

Year: 2005

Disease^(a): Brucellosis

Animal species/category^(b): Bovine

Description of the used serological tests:

Dairy Farms: Confirmation of a positive bulk milk ELISA test with Rose Bengal and Complement Fixation Test in all animals over 12 months old

Farms with less than 10 individuals over 12 months old: Screening test: Rose Bengal Test and confirmation with Complement Fixation Test

Infected farms: Monthly screening of all animals over 12 months with Rose Bengal Test and confirmation with Complement Fixation Test.

In case that in a herd the positive Rose Bengal Test is more than 5% then all the animals over 12 months old of the herd are examined with Complement Fixation Test.

Description of the used microbiological or virological tests:

Samples: Milk samples from seropositive animals of new outbreaks (centrifugation and sampling from the cream and deposit)

Aborted fetuses (gastric content and lung)

Isolation: On Brucella medium incubating in 37°C with and without CO₂

Description of the other used tests: -

Dairy Farms: Screening test: bulk milk ELISA 4 times per year

EN

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Region ^(b)	Serological tests		Microbiological or virological tests				Other tests (bulk milk F.I.J.S.A)	
	Number of samples tested ^(c)	Number of positive samples ^(d)	Number of samples tested ^(c)		Number of positive samples ^(d)	Number of samples tested ^(c)	Number of positive samples ^(d)	
			MILK	MILK				PELUS
ALL REGIONS	41,735	114	32	4	29	0	1,838	2
Total	41,735	114	32	4	29	0	1,838	2

(a) Disease and animal species if necessary.

(b) Region as defined in the approved eradication programme of the Member State.

(c) Number of samples tested.

(d) Number of positive samples

Year: 2006

Disease^(a): Brucellosis

Animal species/category^(b): Bovine

Description of the used serological tests:

Dairy Farms : Confirmation of a positive bulk milk ELISA test with Rose Bengal and Complement Fixation Test in all animals over 12 months old
Farms with less than 10 individuals over 12 months old: Screening test: Rose Bengal Test and confirmation with Complement Fixation Test
Infected farms: Monthly screening of all animals over 12 months with Rose Bengal Test and confirmation with Complement Fixation Test.

In case that in a herd the positive Rose Bengal Test is more than 5% then all the animals over 12 months old of the herd are examined with Complement Fixation Test.

Description of the used microbiological or virological tests:

Samples: Milk samples from seropositive animals of new outbreaks (centrifugation and sampling from the cream and deposit)

Aborted fetuses (gastric content and lung)

Isolation: On Brucella medium incubating in 37°C with and without CO₂

Description of the other used tests: -

Dairy Farms: Screening test: bulk milk ELISA 4 times per year

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Region ^(a)	Serological tests		Microbiological or virological tests				Other tests (bulk milk ELISA)	
	Number of samples tested ^(c)	Number of positive samples ^(d)	Number of samples tested ^(c)	Number of positive samples tested ^(c)		Number of positive samples ^(d)	Number of samples tested ^(c)	Number of positive samples ^(d)
				MILK	PETUS			
ALL REGIONS	12.653	2	2	0	17	0	1.794	1
Total	12.653	2	2	0	17	0	1.794	1

- (a) Disease and animal species if necessary.
- (b) Region as defined in the approved eradication programme of the Member State.
- (c) Number of samples tested.
- (d) Number of positive samples

Year: 2007

Disease^(a): Brucellosis

Animal species/category^(b): Bovine

Description of the used serological tests:

Dairy Farms: Confirmation of a positive bulk milk ELISA test with Rose Bengal and Complement Fixation Test in all animals over 12 months old
Farms with less than 10 individuals over 12 months old: Screening test: Rose Bengal Test and confirmation with Complement Fixation Test
Infected farms: Monthly screening of all animals over 12 months with Rose Bengal Test and Complement Fixation Test.

Description of the used microbiological or virological tests:

Samples: Milk samples from seropositive animals of new outbreaks (centrifugation and sampling from the cream and deposit)

Aborted fetuses (gastric content and lung)

Isolation: On Brucella medium incubating in 37°C with and without CO₂

Description of the other used tests: -

Dairy Farms: Screening test: bulk milk ELISA 4 times per year

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Region ^(b)	Serological tests		Microbiological or virological tests				Other tests (bulk milk E.I. ISA)	
	Number of samples tested ^(a)	Number of positive samples ^(d)	Number of samples tested ^(c)	Number of positive samples ^(c)		Number of positive samples ^(c)	Number of samples tested ^(c)	Number of positive samples ^(c)
				MILK	MILK			
ALL REGIONS	5,755	0	0	0	21	0	792	0
Total	5,755	0	0	0	21	0	792	0

- (a) Disease and animal species if necessary.
(b) Region as defined in the approved eradication programme of the Member State.
(c) Number of samples tested.
(d) Number of positive samples

Year: 2008

Disease^(a): Brucellosis

Animal species/category^(b): Bovine

Description of the used serological tests:

Dairy Farms: Confirmation of a positive bulk milk ELISA test with Rose Bengal and Complement Fixation Test in all animals over 12 months old
Farms with less than 10 individuals over 12 months old: Screening test: Rose Bengal Test and confirmation with Complement Fixation Test
Infected farms: Monthly screening of all animals over 12 months with Rose Bengal Test and Complement Fixation Test.

Description of the used microbiological or virological tests:

Samples: Milk samples from seropositive animals of new outbreaks (centrifugation and sampling from the cream and deposit)

Aborted fetuses (gastric content and lung)

Isolation: On Brucella medium incubating in 37°C with and without CO₂

Description of the other used tests: -

Dairy Farms: Screening test: bulk milk ELISA 4 times per year

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Region ^(b)	Serological tests		Microbiological or virological tests				Other tests (bulk milk ELISA)	
	Number of samples tested ^(a)	Number of positive samples ^(a)	Number of samples tested ^(c)	Number of positive samples ^(c)		Number of positive samples ^(d)	Number of samples tested ^(c)	Number of positive samples ^(d)
				MILK	FETUS			
ALL REGIONS	9 255	1	1	0	14	0	850	0
Total	9 255	1	1	0	14	0	850	0

(a) Disease and animal species if necessary.

(b) Region as defined in the approved eradication programme of the Member State.

(c) Number of samples tested.

(d) Number of positive samples

Year: 31/3/2009

Disease^(a): Brucellosis

Animal species/category^(b): Bovine

Description of the used serological tests:

Dairy Farms: Confirmation of a positive bulk milk ELISA test with Rose Bengal and Complement Fixation Test in all animals over 12 months old
Farms with less than 10 individuals over 12 months old: Screening test: Rose Bengal Test and confirmation with Complement Fixation Test
Infected farms: Monthly screening of all animals over 12 months with Rose Bengal Test and Complement Fixation Test.

Description of the used microbiological or virological tests:

Samples: Milk samples from seropositive animals of new outbreaks (centrifugation and sampling from the cream and deposit)

Aborted fetuses (gastric content and lung)

Isolation: On Brucella medium incubating in 37°C with and without CO₂

Description of the other used tests: -

Dairy Farms: Screening test: bulk milk ELISA 4 times per year

EN

EN

Region ^(b)	Serological tests		Microbiological or virological tests				Other tests (bulk milk ELISA)	
	Number of samples tested ^(a)	Number of positive samples ^(d)	Number of samples tested ^(c)		Number of positive samples ^(d)	Number of samples tested ^(c)	Number of positive samples ^(d)	
			MILK	MILK				PETLS
ALL REGIONS	1 829	0	1	0	6	215	0	
Total	1 829	0	1	0	6	215	0	

- (a) Disease and animal species if necessary.
- (b) Region as defined in the approved eradication programme of the Member State.
- (c) Number of samples tested.
- (d) Number of positive samples.

6.3. Data on infection (one table per year and per disease/species)

Year: 2000-31/3/2009

Disease^(a): Brucellosis

Animal species: Bovine

Region ^(b) CYPRUS	Number of herds infected (c)						Number of animals infected
	YEAR	New outbreaks	Infected herds during the year	Declared free	Depopulated	Remaining At the end of the year	
	2000	2	4	0	0	4	189
	2001	11	15	3	1	11	233
	2002	9	20	3	0	17	358
	2003	8	25	14	1	10	164
	2004	4	14	8	0	6	116
	2005	3	9	3	0	6	114
	2006	0	6	4	0	2	2
	2007	0	2	2	0	0	0
	2008	1	1	1	0	0	1
	30/4/2009	0	0	0	0	0	0

(a) Disease and animal species if necessary.

(b) Region as defined in the eradication programme of the Member State.

(c) Herds or flocks or holdings as appropriate.

6.4. Data on the status of herds at the end of each year¹⁶

Year: 2004	Disease ^(a) : Brucellosis		Animal species: Bovine		Status of herds and animals under the programme ^(c)											
	Total number of herds and animals under the programme		Unknown ^(d)		Not free or not officially free from disease		Last check positive ^(e)		Last check negative ^(f)		Free or officially free from disease status suspended ^(g)		Free from disease ^(h)		Officially free from disease ⁽ⁱ⁾	
	Herds	Animals ^(b)	Herds	Animals ^(b)	Herds	Animals ^(b)	Herds	Animals ^(b)	Herds	Animals ^(b)	Herds	Animals ^(b)	Herds	Animals ^(b)	Herds	Animals ^(b)
ALL REGIONS	345	41,889	0	0	2	837	179	19,542	0	0	-	-	164	21,520		
Total	345	41,889	0	0	2	837	179	19,542	0	0	-	-	164	21,520		

(a) Disease and species if necessary

(b) Region as defined in the approved eradication programme of the Member State

(c) At the end of the year

(d) Unknown: No previous checking results available

(e) Not free and last check positive: Herd checked with at least one positive result in the latest check

(f) Not free and last check negative: Herd checked with negative results in the latest check but not being "free" or "officially free"

(g) Suspended as defined in Community or national legislation for the respective disease at the end of the reporting period.

(h) Free herd as defined in Community or national legislation for the respective disease.

¹⁶ Data to provide for Bovine tuberculosis, Bovine brucellosis, IBR/IBPV (AI - embryo units), Ovine and caprine brucellosis (B. melitensis), Enzootic bovine leukosis (EBL), Aujeszky's disease, Maedi/Visna and CAEV, IBR/IBPV (other types of enterprise), Johnes disease (paratuberculosis).

- (i) Officially free herd as defined in Community or National legislation for the respective disease .
- (j) Include animals under the programme in the herds with the referred status (left column).

Year: 2005

Disease^(a): Brucellosis

Animal species: Bovine

Region ^(b)	Status of herds and animals under the programme ^(c)													
	Total number of herds and animals under the programme		Unknown ^(d)		Not free or not officially free from disease		Last check negative ^(f)		Free or officially free from disease status suspended ^(g)		Free from disease ^(h)		Officially free from disease ⁽ⁱ⁾	
	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)
ALL REGIONS	334	41,921	0	0	1	254	79	10,085	4	719	-	-	250	30,863
Total	334	41,921	0	0	1	254	79	10,085	4	719	-	-	250	30,863

(a) Disease and species if necessary

(b) Region as defined in the approved eradication programme of the Member State

(c) At the end of the year

(d) Unknown: No previous checking results available

(e) Not free and last check positive: Herd checked with at least one positive result in the latest check

(f) Not free and last check negative: Herd checked with negative results in the latest check but not being "free" or "officially free"

(g) Suspended as defined in Community or national legislation for the respective disease at the end of the reporting period.

(h) Free herd as defined in Community or national legislation for the respective disease.

(i) Officially free herd as defined in Community or National legislation for the respective disease.

(j) Include animals under the programme in the herds with the referred status (i.e.R column).

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Year: 2006

Disease^(a): Brucellosis

Animal species: Bovine

Region ^(b)	Status of herds and animals under the programme ^(c)													
	Total number of herds and animals under the programme		Unknown ^(d)		Not free or not officially free from disease Last check positive ^(e)		Last check negative ^(f)		Free or officially free from disease status suspended ^(g)		Free from disease ^(h)		Officially free from disease ⁽ⁱ⁾	
	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)
ALL REGIONS	326	40,053	0	0	1	279	59	7,140	1	76	-	265	-	32,558
Total	326	40,053	0	0	1	279	59	7,140	1	76	-	265	-	32,558

(a) Disease and species if necessary

(b) Region as defined in the approved eradication programme of the Member State

(c) At the end of the year

(d) Unknown: No previous checking results available

(e) Not free and last check positive: Herd checked with at least one positive result in the latest check

(f) Not free and last check negative: Herd checked with negative results in the latest check but not being "free" or "officially free"

(g) Suspended as defined in Community or national legislation for the respective disease at the end of the reporting period.

(h) Free herd as defined in Community or national legislation for the respective disease.

(i) Officially free herd as defined in Community or National legislation for the respective disease.

(j) Include animals under the programme in the herds with the referred status (left column).

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Year: 2007

Disease^(a): Brucellosis

Animal species: Bovine

Region ^(b)	Status of herds and animals under the programme ^(c)													
	Total number of herds and animals under the programme		Unknown ^(d)		Not free or not officially free from disease		Last check negative ^(e)		Free or officially free from disease status suspended ^(f)		Free from disease ^(h)		Officially free from disease ⁽ⁱ⁾	
	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)	Herds	Animals ^(j)
ALL REGIONS	330	38,950	0	0	0	0	76	6,969	0	0	-	-	254	31,981
Total	330	38,950	0	0	0	0	76	6,969	0	0	-	-	254	31,981

(a) Disease and species if necessary

(b) Region as defined in the approved eradication programme of the Member State

(c) At the end of the year

(d) Unknown: No previous checking results available

(e) Not free and last check positive: Herd checked with at least one positive result in the latest check

(f) Not free and last check negative: Herd checked with negative results in the latest check but not being "free" or "officially free"

(g) Suspended as defined in Community or national legislation for the respective disease at the end of the reporting period.

(h) Free herd as defined in Community or national legislation for the respective disease.

(i) Officially free herd as defined in Community or National legislation for the respective disease.

(j) Include animals under the programme in the herds with the referred status (left column).

Year: 2008

Disease^(a): Brucellosis

Animal species: Bovine

Region ^(b)	Status of herds and animals under the programme ^(c)													
	Total number of herds and animals under the programme		Unknown ^(d)		Not free or not officially free from disease		Last check negative ^(e)		Free or officially free from disease status suspended ^(f)		Free from disease ^(g)		Officially free from disease ^(h)	
	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾
ALL REGIONS	320	38,494	0	0	0	0	32	5,299	0	0	-	-	288	33,195
Total	320	38,494	0	0	0	0	32	5,299	0	0	-	-	288	33,195

(a) Disease and species if necessary

(b) Region as defined in the approved eradication programme of the Member State

(c) At the end of the year

(d) Unknown: No previous checking results available

(e) Not free and last check positive: Herd checked with at least one positive result in the latest check

(f) Not free and last check negative: Herd checked with negative results in the latest check but not being "free" or "officially free"

(g) Suspended as defined in Community or national legislation for the respective disease at the end of the reporting period.

(h) Free herd as defined in Community or national legislation for the respective disease.

(i) Officially free herd as defined in Community or National legislation for the respective disease.

(j) Include animals under the programme in the herds with the referred status (left column).

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Year: 31/3/2009

Disease^(a): Brucellosis

Animal species: Bovine

Region ^(b)	Status of herds and animals under the programme ^(c)													
	Total number of herds and animals under the programme		Unknown ^(d)		Not free or not officially free from disease		Last check negative ^(e)		Free or officially free from disease status suspended ^(f)		Free from disease ^(g)		Officially free from disease ^(h)	
			Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾	Herds	Animals ⁽ⁱ⁾
ALL REGIONS	322	36,363	0	0	0	0	31	3,568	0	0	-	291	-	33,295
Total	322	36,363	0	0	0	0	31	3,568	0	0	-	291	-	33,295

(a) Disease and species if necessary

(b) Region as defined in the approved eradication programme of the Member State

(c) At the end of the year

(d) Unknown: No previous checking results available

(e) Not free and last check positive: Herd checked with at least one positive result in the latest check

(f) Not free and last check negative: Herd checked with negative results in the latest check but not being "free" or "officially free"

(g) Suspended as defined in Community or national legislation for the respective disease at the end of the reporting period.

(h) Free herd as defined in Community or national legislation for the respective disease.

(i) Officially free herd as defined in Community or National legislation for the respective disease.

(j) Include animals under the programme in the herds with the referred status (left column).

6.5. Data on vaccination or treatment programmes¹⁷ NOT APPLICABLE

Year: _____ Disease^(a): _____ Animal species: _____

Description of the used vaccination, therapeutic or other scheme: _____

Region ^(b)	Total number of herds ^(c)	Total number of animals	Information on vaccination or treatment programme					
			Number of herds ^(c) in vaccination or treatment programme	Number of herds ^(c) vaccinated or treated	Number of animals ^(d) vaccinated or treated	Number of doses of vaccine or treatment administered	Number of adults ^(d) vaccinated	Number of young ^(d) animals vaccinated
Total								

- (a) Disease and species if necessary
- (b) Region as defined in the approved eradication programme of the Member State
- (c) Herds equal flocks, or holdings as appropriate

¹⁷ Data to provide only if vaccination has been carried out.

(d) Only for Bovine brucellosis and Ovine and caprine brucellosis (*B. melitensis*) and as defined in the programme

(b) Region as defined in the approved eradication programme of the Member State

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6.6.3. Data on vaccination or treatment of wildlife

Year:

Discase^(a):

Animal species:

Description of the used vaccination, therapeutic or other scheme:

Region ^(b)	Square km	Targets on the vaccination or treatment programme		
		Number of doses of vaccine or treatment to be administered	Number of campaigns	Total number of doses of vaccine or treatment to be administered
Total				

- (a) Disease and species if necessary
- (b) Region as defined in the approved eradication programme of the Member State

7. Targets

7.1. Targets related to testing

7.1.1. Targets on diagnostic tests

Disease^(a): Brucellosis **Animal species:** Bovine

Region ^(b)	Type of the test ^(c)	Target population ^(d)	Type of sample ^(e)	Objective ^(f)	Number of planned tests
ALL REGIONS	BULK MILK ELISA	All milking cows of dairy farms	Bulk milk	Surveillance	2,000
	ROSE/BENGAL TEST	All animals over 12 months old in the infected herds, in not officially free herds and in officially free herds having less than 10 animals	Serum	Monitoring of infected herds, granting or maintaining of officially free status	10,000
	COMPLEMENT FIXATION TEST	All animals showing positive result in Rose Bengal Test and all animals belonging in infected flocks showing >5% positive reactions in the Rose Bengal Test	Serum	Monitoring of infected flocks	1,500
	CULTURES	Seropositive animals in new outbreaks or aborting animals in any herd	Milk or fetus	Confirmation and surveillance	30
Total					6,530

(a) Disease and species if necessary.

(b) Region as defined in the approval eradication programme of the Member State.

(c) Description of the test (for instance SN-test, AB-Elisa, RBT, etc).

(d) Specification of the targeted species and the categories of targeted animals (for instance sex, age, breeding animal, slaughter animal, etc).

(e) Description of the sample (for instance blood, serum, milk, etc).

(f) Description of the objective (for instance qualification, surveillance, confirmation of suspected cases, monitoring of campaigns, seroconversion, control on deleted vaccines, testing of vaccine, control of vaccination, etc).

7.1.2. Targets on testing herds and animals¹⁹

7.1.2.1 Targets on the testing of herds^(a)

Disease ^(b)	Brucellosis		Animal species: Bovine					TARGET INDICATORS		
	Total number of herds ^(a)	Total number of herds under the programme	Number of herds expected to be checked ^(c)	Number of expected positive herds ^(d)	Number of expected new positive herds ^(e)	Number of herds expected to be depopulated	% positive herds expected to be depopulated	Expected % herd coverage	% positive herds expected period herd prevalence	% new positive herds expected herd incidence
1	2	1	4	5	6	7	8 = (75) x 100	9 = 322 x 100	10 = (54) x 100	11 = 46.4 x 100
ALL REGIONS	351	322	322	1	1	1	100%	100%	0.31%	0.31%
Total	351	322	322	1	1	1	100%	100%	0.31%	0.31%

(a) Herds or flocks, or holdings as appropriate.

(b) Disease and animal species if necessary.

(c) Region as defined in the approved eradication programme of the Member State.

(d) Total number of herds existing in the region including eligible herds and non-eligible herds for the programme.

(e) Check means to perform a herd level test under the programme for the respective disease with the purpose of maintaining, upgrading, etc., the health status of the herd. In this column a herd should not be counted twice even if has been checked more than once.

(f) Herds with at least one positive animal during the period independent of the number of times the herd has been checked.

(g) Herds which status in the previous period was Unknown, Not free-negative, Free, Officially Free or suspended and have at least one positive animal in this period.

¹⁹ Data not to provide in case of rabies.

7.1.2.2. Targets on the testing of animals

Disease^(a): Brucellosis

Animal species: Bovine

Region ^(b)	Total number of animals ^(c)	Number of animals ^(d) under the programme	Number of animals ^(d) expected to be tested	Number of animals to be tested individually ^(e)	Number of expected positive animals	Slaughtering		TARGET INDICATORS	
						Number of animals expected to be slaughtered or culled	Total number of animals expected to be slaughtered ^(f)	Expected % coverage at animal level	% positive animals (Expected animal prevalence)
1	2	3	4	5	6	7	8	9 (4-7)x100	10-(6-4)x100
ALL REGIONS	54,699	36,863	36,863	10,000	2	2	200	100%	0.005%
Total	54,699	36,863	36,863	10,000	2	2	200	100%	0.005%

(a) Disease and animal species if necessary.

(b) Region as defined in the approved eradication programme of the Member State.

(c) Total number of animals existing in the region including eligible herds and non-eligible herds for the programme.

(d) Includes animals tested individually or under bulk level scheme.

(e) Include only animals tested individually, do not include animals tested by bulk level samples (e.g.: milk bulk tank tests).

(f) Include all positive animal slaughtered and also the negative animals slaughtered under the programme.

7.2. Targets on qualification of herds and animals²⁰

Disease^(a): Brucellosis

Animal species: Bovine

Region ^(b)	Total number of herds and animals under the programme		Targets on the status of herds and animals under the programme ^(c)													
			Expected unknown ^(d)		Expected not free or not officially free				Expected free or officially free suspended ^(e)				Expected free ^(h)		Expected officially free ⁽ⁱ⁾	
			Herds	Animals ^(g)	Herds	Animals ^(g)	Herds	Animals ^(g)	Herds	Animals ^(g)	Herds	Animals ^(g)	Herds	Animals ^(g)	Herds	Animals ^(g)
I	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
ALL REGIONS	322	36,863	0	0	0	0	2	400	1	200	-	-	319	36,263		
Total	322	36,863	0	0	0	2	400	1	200	-	-	-	319	36,263		

(a) Disease and species if necessary.

(b) Region as defined in the approved eradication programme of the Member State.

(c) At the end of the year.

(d) Unknown: No previous checking results available.

(e) Not free and last check positive: Herd checked with at least one positive result in the latest check.

(f) Not free and last check negative: Herd checked with negative results in the latest check but not being Free or Officially Free.

(g) Suspended as defined for the respective disease in Community or national legislation where appropriate or according national legislation.

(h) Free herd as defined for the respective disease where appropriate in Community or national legislation where appropriate or according national legislation.

(i) Officially free herd as defined for the respective disease where appropriate in Community or national legislation where appropriate or according national legislation.

²⁰ Data to provide for bovine tuberculosis, bovine brucellosis, ovine and caprine brucellosis (*B. melitensis*), enzootic bovine leukosis (EBL) and Aujeszky's disease.

(j) Include animals under the programme in the herds with the referred status (left column)

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7.3. Targets on vaccination or treatment: NOT APPLICABLE.

7.3.1. Targets on vaccination or treatment³¹

Disease ^(a) :	Animal species:									
	Region ^(b)	Total number of herds ^(c) in vaccination or treatment programme	Total number of animals in vaccination or treatment programme	Number of herds ^e in vaccination or treatment programme	Number of herds ^d expected to be vaccinated or treated	Number of animals ^(d) expected to be vaccinated or treated	Number of doses of vaccine or treatment expected to be administered	Number of adults ^(e) expected to be vaccinated	Number of young ^(d) animals expected to be vaccinated	
Total										

(a) Disease and species if necessary

(b) Region as defined in the approved eradication programme of the Member State

(c) Herds equal flocks, or holdings as appropriate

(d) Only for Bovine brucellosis and Ovine and caprine brucellosis (*B. melitensis*) and as defined in the programme

³¹ Data to provide only if appropriate.

8. Detailed analysis of the cost of the programme²³

Costs related to	Specification	Number of units	Unitary cost in euro	Total amount in euro	Community funding requested (yes/no)
1. Testing					
1.1. Cost of the analysis					
	Test: ROSE BENGAL	10,000	0.25	2,500	yes
	Test: COMPLEMENT FIXATION TEST screening	1,400	2.12	2,968	yes
	COMPLEMENT FIXATION TEST titration	100	3.48	348	yes
	Test: BULK MILK ELISA	2,000	0.61	1,220	yes
	Test: CULTURES	30	3	90	yes
1.2. Cost of sampling					
	Serum sampling tubes	10,400	0.15	1,560	yes
	Needles	10,000	0.1	1,000	yes
	Milk sampling screw cap bottles	1,000	0.15	150	yes
1.3. Other costs					
2. Vaccination or treatment					

²³ Fixed costs should not be included. All amounts are VAT excluded

<i>2.1. Purchase of vaccine/treatment</i>				
<i>2.2. Distribution costs</i>				
<i>2.3. Administering costs</i>				
<i>2.4. Control costs</i>				
<i>3. Slaughter and destruction</i>				
<i>3.1. Compensation of animals</i>	200	850	170,000	yes
<i>3.2. Transport costs</i>	200	10	6,000	yes
<i>3.3. Destruction costs</i>				
<i>3.4. Loss in case of slaughtering</i>				
<i>3.5. Costs from treatment of products (milk, eggs, hatching eggs, etc)</i>				

4. <i>Cleaning and disinfection</i>		100 ft	3 S	350	Yes
5. <i>Salaries (staff contracted for the programme only)</i>					
6. <i>Consumables and specific equipment</i>					
7. <i>Other costs</i>					
TOTAL				186,126	Yes

