

About this dossier

Output on: 2021/02/01 15:55
(Europe/Luxembourg)

Status: closed (submitted)

Created: 2020/04/09 11:43

Last updated: 2020/07/22 13:20

Eradication: Final report for Rabies 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: 20200409-YL5CWOT1

Country code: LT

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.

No cases of rabies have been detected in Lithuania during 2019. The last positive case have been detected for wild fox in 2018 in the close proximity with the border with Belarus (54.176853, 24.712586 (WGS).

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

Oral vaccination against rabies have been carried out at the 50 km buffer zone at the border with Belarus and Poland twice a year using aerial distribution of baits. Estimated optimal number per square kilometer is approx. 20-25 baits. The aircraft flying lines are separated by 500 m.

Also the every batch of the vaccine was tested for vaccine efficiency. The samples (blood sample and mandibular) from foxes and raccoon dogs hunted in the vaccination territory were tested for vaccination efficiency. Also, all animals suspected for rabies were tested. The delivery of found dead foxes and raccoon dogs was financed.

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.

No rabies cases have been detected during 2019.

ANNEX VI TECHNICAL REPORT ON RABIES 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 A1 - TEST FOR THE MONITORING OF VACCINATION EFFECTIVENESS

Region	Species and age	Type of test	Test description	Number of tests	Number positive	% positive
Alytus	Foxes juvenile	Biomarker	Tetracycline in bones	49	39	79.59 %
Alytus	Foxes juvenile	Serological	VNT/FAVN/ELISA	8	2	25 %
Alytus	Foxes adult	Biomarker	Tetracycline in bones	7	7	100 %
Alytus	Foxes adult	Serological	VNT/FAVN/ELISA	46	16	34.78 %
Druskininkai	Foxes juvenile	Biomarker	Tetracycline in bones	19	15	78.95 %
Druskininkai	Foxes juvenile	Serological	VNT/FAVN/ELISA	15	7	46.67 %
Druskininkai	Foxes adult	Biomarker	Tetracycline in bones	4	4	100 %
Druskininkai	Foxes adult	Serological	VNT/FAVN/ELISA	4	2	50 %
Druskininkai	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	1	1	100 %
Druskininkai	Raccoon dogs adult	Biomarker	Tetracycline in bones	1	1	100 %
Elektrėnai	Foxes juvenile	Biomarker	Tetracycline in bones	14	11	78.57 %
Elektrėnai	Foxes adult	Biomarker	Tetracycline in bones	4	4	100 %
Elektrėnai	Foxes adult	Serological	VNT/FAVN/ELISA	15	1	6.67 %
Elektrėnai	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	1	1	100 %
Elektrėnai	Raccoon dogs adult	Biomarker	Tetracycline in bones	1	1	100 %
Elektrėnai	Raccoon dogs adult	Serological	VNT/FAVN/ELISA	2	1	50 %
Ignalina	Foxes juvenile	Biomarker	Tetracycline in bones	27	26	96.3 %
Ignalina	Foxes juvenile	Serological	VNT/FAVN/ELISA	27	4	14.81 %
Ignalina	Foxes adult	Biomarker	Tetracycline in bones	6	6	100 %
Ignalina	Foxes adult	Serological	VNT/FAVN/ELISA	6	2	33.33 %
Ignalina	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	12	10	83.33 %
Ignalina	Raccoon dogs juvenile	Serological	VNT/FAVN/ELISA	10	5	50 %
Ignalina	Raccoon dogs adult	Biomarker	Tetracycline in bones	4	4	100 %
Ignalina	Raccoon dogs adult	Serological	VNT/FAVN/ELISA	4	2	50 %
Lazdijai	Foxes juvenile	Biomarker	Tetracycline in bones	33	29	87.88 %
Lazdijai	Foxes adult	Biomarker	Tetracycline in bones	11	11	100 %
Lazdijai	Foxes adult	Serological	VNT/FAVN/ELISA	41	15	36.59 %
Marijampolė	Foxes juvenile	Biomarker	Tetracycline in bones	46	16	34.78 %
Marijampolė	Foxes juvenile	Serological	VNT/FAVN/ELISA	3	1	33.33 %
Marijampolė	Foxes adult	Biomarker	Tetracycline in bones	4	2	50 %
Marijampolė	Foxes adult	Serological	VNT/FAVN/ELISA	15	2	13.33 %
Marijampolė	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	1	0	0 %
Marijampolė	Raccoon dogs adult	Biomarker	Tetracycline in bones	1	1	100 %
Marijampolė	Raccoon dogs adult	Serological	VNT/FAVN/ELISA	1	0	0 %
Moletai	Foxes juvenile	Biomarker	Tetracycline in bones	31	27	87.1 %
Moletai	Foxes juvenile	Serological	VNT/FAVN/ELISA	1	1	100 %
Moletai	Foxes adult	Biomarker	Tetracycline in bones	6	6	100 %
Moletai	Foxes adult	Serological	VNT/FAVN/ELISA	33	15	45.45 %
Moletai	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	5	5	100 %
Moletai	Raccoon dogs adult	Biomarker	Tetracycline in bones	1	1	100 %
Moletai	Raccoon dogs adult	Serological	VNT/FAVN/ELISA	6	2	33.33 %
Prienai	Foxes juvenile	Biomarker	Tetracycline in bones	18	8	44.44 %
Prienai	Foxes juvenile	Serological	VNT/FAVN/ELISA	9	1	11.11 %
Prienai	Foxes adult	Biomarker	Tetracycline in bones	3	3	100 %

Prienai	Foxes adult	Serological	VNT/FAVN/ELISA	2	2	100 %
Salcininkai	Foxes juvenile	Biomarker	Tetracycline in bones	34	26	76.47 %
Salcininkai	Foxes juvenile	Serological	VNT/FAVN/ELISA	15	7	46.67 %
Salcininkai	Foxes adult	Biomarker	Tetracycline in bones	12	11	91.67 %
Salcininkai	Foxes adult	Serological	VNT/FAVN/ELISA	23	9	39.13 %
Salcininkai	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	1	1	100 %
Sirvintos	Foxes juvenile	Biomarker	Tetracycline in bones	16	9	56.25 %
Sirvintos	Foxes juvenile	Serological	VNT/FAVN/ELISA	3	0	0 %
Sirvintos	Foxes adult	Biomarker	Tetracycline in bones	7	7	100 %
Sirvintos	Foxes adult	Serological	VNT/FAVN/ELISA	13	4	30.77 %
Sirvintos	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	2	1	50 %
Sirvintos	Raccoon dogs adult	Serological	VNT/FAVN/ELISA	1	0	0 %
Svencionys	Foxes juvenile	Biomarker	Tetracycline in bones	25	25	100 %
Svencionys	Foxes adult	Biomarker	Tetracycline in bones	7	7	100 %
Svencionys	Foxes adult	Serological	VNT/FAVN/ELISA	31	10	32.26 %
Svencionys	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	7	6	85.71 %
Svencionys	Raccoon dogs adult	Biomarker	Tetracycline in bones	1	1	100 %
Svencionys	Raccoon dogs adult	Serological	VNT/FAVN/ELISA	7	3	42.86 %
Trakai	Foxes juvenile	Biomarker	Tetracycline in bones	23	18	78.26 %
Trakai	Foxes juvenile	Serological	VNT/FAVN/ELISA	15	6	40 %
Trakai	Foxes adult	Biomarker	Tetracycline in bones	2	2	100 %
Trakai	Foxes adult	Serological	VNT/FAVN/ELISA	5	1	20 %
Trakai	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	14	4	28.57 %
Trakai	Raccoon dogs juvenile	Serological	VNT/FAVN/ELISA	4	2	50 %
Trakai	Raccoon dogs adult	Biomarker	Tetracycline in bones	1	1	100 %
Trakai	Raccoon dogs adult	Serological	VNT/FAVN/ELISA	1	0	0 %
Ukmerge	Foxes juvenile	Biomarker	Tetracycline in bones	14	5	35.71 %
Ukmerge	Foxes juvenile	Serological	VNT/FAVN/ELISA	5	1	20 %
Ukmerge	Foxes adult	Biomarker	Tetracycline in bones	4	2	50 %
Ukmerge	Foxes adult	Serological	VNT/FAVN/ELISA	2	1	50 %
Utena	Foxes juvenile	Biomarker	Tetracycline in bones	30	26	86.67 %
Utena	Foxes juvenile	Serological	VNT/FAVN/ELISA	2	1	50 %
Utena	Foxes adult	Biomarker	Tetracycline in bones	6	6	100 %
Utena	Foxes adult	Serological	VNT/FAVN/ELISA	30	14	46.67 %
Utena	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	5	4	80 %
Utena	Raccoon dogs adult	Biomarker	Tetracycline in bones	1	1	100 %
Utena	Raccoon dogs adult	Serological	VNT/FAVN/ELISA	5	3	60 %
Varena	Foxes juvenile	Biomarker	Tetracycline in bones	44	41	93.18 %
Varena	Foxes adult	Biomarker	Tetracycline in bones	11	11	100 %
Varena	Foxes adult	Serological	VNT/FAVN/ELISA	45	15	33.33 %
Varena	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	5	5	100 %
Varena	Raccoon dogs adult	Serological	VNT/FAVN/ELISA	4	1	25 %
Vilnius	Foxes juvenile	Biomarker	Tetracycline in bones	26	21	80.77 %
Vilnius	Foxes juvenile	Serological	VNT/FAVN/ELISA	18	3	16.67 %
Vilnius	Foxes adult	Biomarker	Tetracycline in bones	9	8	88.89 %
Vilnius	Foxes adult	Serological	VNT/FAVN/ELISA	11	4	36.36 %
Visaginas	Foxes juvenile	Biomarker	Tetracycline in bones	4	4	100 %
Visaginas	Foxes adult	Serological	VNT/FAVN/ELISA	4	1	25 %
Visaginas	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	1	1	100 %
Visaginas	Raccoon dogs adult	Serological	VNT/FAVN/ELISA	1	0	0 %

Zarasai	Foxes juvenile	Biomarker	Tetracycline in bones	22	14	63.64 %
Zarasai	Foxes juvenile	Serological	VNT/FAVN/ELISA	3	1	33.33 %
Zarasai	Foxes adult	Biomarker	Tetracycline in bones	5	5	100 %
Zarasai	Foxes adult	Serological	VNT/FAVN/ELISA	16	3	18.75 %
Zarasai	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	11	7	63.64 %
Zarasai	Raccoon dogs juvenile	Serological	VNT/FAVN/ELISA	1	1	100 %
Zarasai	Raccoon dogs adult	Biomarker	Tetracycline in bones	2	2	100 %
Zarasai	Raccoon dogs adult	Serological	VNT/FAVN/ELISA	8	3	37.5 %
Ukmerge	Raccoon dogs juvenile	Biomarker	Tetracycline in bones	2	1	50 %
Ukmerge	Raccoon dogs adult	Serological	VNT/FAVN/ELISA	1	1	100 %
Total				1,186	698	58.85 %

Table A2 - SURVEILLANCE TESTS

Region	Animal species	Category	Test description	Number of tests	Number of cases
All territory of Republic of Lithuania	Foxes	Passive	Fluorescent antibody test (IF)	181	0
All territory of Republic of Lithuania	Raccoon dogs	Passive	Fluorescent antibody test (IF)	64	0
Total				245	0

Number of rabies virus isolates typed for differentiation from vaccine	0
Typing results (please indicate the number of field strains/vaccine strains, and (optional) comment)	0

Table B - WILDLIFE ORAL VACCINATION

Aerial distribution data files:

Downloadable via URL	
----------------------	--

Description of the analysis performed by the Competent Authority on the aerial distribution data and conclusions of the assessment for the quality of the distribution:

The aerial distribution plans of each campaigns have been provided to the competent authority before the beginning of the campaigns. Every day flight was controlled by the designated official veterinarians of the territorial unit of SFVS, who checked the number of the distributed baits as well as the temperature conditions of keeping baits. The final flight reports with the details of distribution of every bait was inspected by territorial SFVS as well as central SFVS specialists. In general the quality of the distribution has been evaluated as good and corresponding with the conditions, indicated in the contract.

Start date of First Campaign	10/4/2020	End date of First Campaign	15/5/2019
Start date of Second Campaign	16/10/2019	End date of Second Campaign	12/11/2019

Region/Area	Product used	Number of doses	Size of vaccinated area (km ²)	Distribution method
Buffer zone	Lysvulpen	504,940	20,400	Aerial
Buffer zone	Lysvulpen	504,940	20,400	Aerial
Total		1,009,880	40,800	

Table C - OFFICIAL CONTROL OF ORAL VACCINES BEFORE THEIR DISTRIBUTION

Number of batches distributed	4	Number of batches controlled by CA	4	Number of batches rejected	0
--------------------------------------	---	---	---	-----------------------------------	---

Batch number	Manufacturer	Sampling date	Virus titration result	Outcome of the titration
3525	Bioveta	11/3/2019	positive	Acceptable
3625	Bioveta	11/3/2019	positive	Acceptable
6226	Bioveta	23/9/2019	positive	Acceptable
63265	Bioveta	23/9/2019	positive	Acceptable

COMMENT / ADDITIONAL CLARIFICATION

The report from Belarus competent authority is attached. The link for Belarus flight tracks:

[REDACTED]

The flight track information and other additional documents will be sent via URL.

1.9.1 SANTE Data Collection Platform - PRODUCTION • Contact us at SANTE-XMLGATE3@ec.europa.eu