

## Eradication: Final report for African Swine Fever 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.

ID: 20190828-ST9Z9938

**Country code:** EE

### Reporting period

**From:** 2018

**To:** 2018

**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.**

Planning of the programme was difficult because of the constantly changing numbers of pig farms/pigs and wild boars. The areas where ASF was diagnosed first are almost empty of wild boars and for hunters it was almost impossible to reach the hunting bag. Evaluation of the wild boar population has been difficult for the last years.

Compared to the outbreaks in 2015, 2016 and 2017 then number of outbreaks has decreased throughout the years- 18 outbreaks in 2015, 6 outbreaks in 2016, 3 outbreaks in 2017 and 0 outbreaks in 2018. Detailed information regarding selective female hunting is attached. Hunting was carried out in all counties.

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

In general the targets set in the programme were achieved. The number of tested wild boars and domestic pigs was a bit over-estimated. That is due to constant changes in big farm industry and uncertainty when estimating wild boar population.

### **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.

Two epidemiological maps have been added representing ASF results for two periods: January to June and July to December. From the maps it can be seen that majority of ASF positive cases are located in Nort and North-West part of the country and more than half of cases are ELISA positive. From the areas that were infected the earliest, only few ASF positive cases were found.

**2. Tables for SWINE DISEASES PROGRAMMES monitoring outcome of the year**  
**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 - DISEASE SURVEILLANCE IN DOMESTIC PIGS**

Region	Number of clinical examined holdings	Number of farms sampled	Type of farm	Number of animals sampled	Number of farms with serologically positive result	Number of farms with active infection detection	Number of outbreaks
Harjumaa	1	1	Backyard	3	0	0	0
Harjumaa	5	5	Commercial	210	0	0	0
Ida-Virumaa	3	3	Commercial	175	0	0	0
Jõgevamaa	10	10	Commercial	550	0	0	0
Järvamaa	3	3	Backyard	19	0	0	0
Järvamaa	4	4	Commercial	131	0	0	0
Läänemaa	3	3	Commercial	129	0	0	0
Lääne-Virumaa	3	3	Backyard	26	0	0	0
Lääne-Virumaa	23	23	Commercial	1,593	0	0	0
Põlvamaa	9	9	Commercial	495	0	0	0
Pärnumaa	3	3	Commercial	179	0	0	0
Raplamaa	1	1	Backyard	1	0	0	0
Saaremaa	9	9	Commercial	1,016	0	0	0
Tartumaa	4	4	Backyard	12	0	0	0
Tartumaa	9	9	Commercial	717	0	0	0
Valgamaa	1	1	Commercial	71	0	0	0
Viljandimaa	13	13	Commercial	1,130	0	0	0
Võrumaa	6	6	Commercial	338	0	0	0
Raplamaa	3	3	Commercial	194	0	0	0
<b>Total</b>	<b>113</b>	<b>113</b>		<b>6,989</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table B - DISEASE SURVEILLANCE IN WILD BOAR/FERAL PIGS**

Region	Type of surveillance	Number of animals tested	Positive	% positive	Number of cases
Estonia	Active	4,879	263	5.39 %	263
Estonia	Passive	82	18	21.95 %	18
<b>Total</b>		<b>4,961</b>	<b>281</b>	<b>5.66 %</b>	<b>281</b>

**Table C - WILD BOAR ORAL VACCINATION**

Region/Area	Month	Number of baits	Size of vaccinated area (km <sup>2</sup> )
<b>Total</b>		<b>0</b>	<b>0</b>

**Table D - DIAGNOSTIC TESTS AND RESULTS**

Region	Animal population	Laboratory test used	Number of animals tested	Number of tests carried out	Number of positive results	Comments
Estonia	feral pigs	ELISA	4,908	4,908	267	Individual tests
Estonia	feral pigs	PCR	4,942	4,942	58	Individual tests
Estonia	domestic pigs	ELISA	664	664	0	Individual tests
Estonia	domestic pigs	PCR	7,012	3,702	0	In many cases blood samples were pooled

				(up to 3). Organ samples were all individual.
<b>Total</b>	17,526	14,216	325	

## COMMENT / ADDITIONAL CLARIFICATION

### Domestic pig sampling

157 was the number of farms that have claimed to be keeping pigs, but that number also includes the number of farms that are listed as pig keepers but for some reasons in 2018 they did not keep pigs or did not report any number of pigs. As of July 2018, the number of farms that are labelled as pig farms and actually have reported to have pigs (as of 1st May 2018), is 125.

From passive sampling 1865 organ sample tests were carried out, samples were from all counties that have pigs; the highest number of organ sample tests were done in Saaremaa and in Lääne-Virumaa.

### Carcass removal

Under the measure Wild boar carcass finding and/or collection and delivery to CA - it indicates the number of wild boars that were buried (both found dead and culled). In total 48 found dead wild boars were removed: 20 were buried and 28 were taken into containers.