

## About this dossier

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## Eradication: Final report for Avian Influenza 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: 20200415-TA8L4AIN

**Country code:** RO

### 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.

Epidemiological situation of Avian Influenza in poultry: No AI occurrence. On the 28th of November 2019, we had a Newcastle Disease outbreak in one farm from Călărași county. Therefore we needed to perform PCR and Virus Isolation tests to rule out AI.

Epidemiological situation of Avian Influenza in wild birds: No AI occurrence.

The objectives of the surveillance programmes for avian influenza in poultry are to inform the competent authority of circulating avian influenza virus with a view to controlling the disease in accordance with Directive 2005/94/EC by the annual detection through active surveillance for:

(a) low pathogenic avian influenza (LPAI) of subtypes H5 and H7 in gallinaceous birds (namely chickens, turkeys, guinea fowl, pheasants, partridges and quails) and ratites thereby complementing other existing early detection systems;

(b) LPAI of subtypes H5 and H7 and highly pathogenic avian influenza (HPAI) in domestic waterfowl (namely ducks, geese and mallards for re-stocking supplies of game);

The sampling of the following poultry species and production categories shall be included in the surveillance programme:

- (a) laying hens;
- (b) chicken breeders;
- (c) fattening turkeys;
- (d) ratites
- (e) pheasants;
- (f) quails;
- (g) gallinaceous birds from backyards;
- (h) palmipedes from backyards ;
- (i) palmiped holdings.

The objective of the surveillance programme for avian influenza in wild birds is the timely detection of HPAI of the subtype H5N1 in wild birds in order to protect poultry in poultry holdings and safeguard veterinary public health.

- a) A risk-based surveillance (RBS) shall be implemented as a "passive" surveillance system by laboratory investigation of moribund wild birds or birds found dead and it shall be specifically directed towards water bird species.
- (b) Wild birds, in particular migratory water birds, that have been shown to be at a higher risk of becoming infected with, and transmitting the HPAI H5N1 virus, the "target species" (TS), shall be specifically targeted.
- (c) Areas close to the sea, lakes and waterways where birds were found dead; and in particular when these areas are in close proximity to poultry holdings, especially in areas where there is a high density of poultry holdings, shall be targeted.
- (d) Close cooperation with epidemiologists and ornithologists and the competent authority for nature conservation shall be ensured in the preparation of the surveillance programme, assisting in species identification and optimising sampling adapted to the national situation.

- Testing of samples shall be carried out at National Laboratories for avian influenza (NL) in Member States and at county sanitary veterinary and food safety laboratories and Bucharest sanitary veterinary and food safety laboratory under the control of the NRL.
- All results will be sent to the Community Reference Laboratory for Avian Influenza (CRL) for collation. A good flow of information must be ensured. The CRL shall provide technical support and keep an enlarged stock of diagnostic reagents. Antigens for use in the surveillance shall be supplied to NLs by the CRL to ensure uniformity.
- All avian influenza virus isolates of cases in wild birds shall be submitted to the CRL in accordance with Community legislation, unless a derogation according to paragraph 4 of Chapter V under Differential diagnosis in the avian influenza Diagnostic Manual laid down in Decision 2006/437/EC is granted. Viruses of H5/H7 subtype shall be submitted without delay and shall be subjected to the standard characterisation tests (nucleotide sequencing/IVPI) according to the said diagnostic manual.

- (e) If the epidemiological situation for the HPAI H5N1 virus so requires, surveillance activities shall be enhanced by awareness raising and active searching and monitoring for dead or moribund wild birds, in particular for those belonging to TS.
- f) that come in direct contact with the poultry holdings .

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

The objectives of the program have been achieved and there have been no technical difficulties.

## **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 comments.

## **2. TECHNICAL IMPLEMENTATION OF THE PROGRAMME ON AVIAN INFLUENZA**

VERY IMPORTANT: Please fill out the following tables with figures corresponding to measures performed during the implementing period (1/1 to 31/12).

In the column "Total number of samples taken", please put 0 if the same samples have already been counted for another laboratory analysis (example : for HI-H5 and HI-H7 test, only 1 sample should be counted).

**Table A - POULTRY HOLDINGS SAMPLED : SEROLOGICAL INVESTIGATION ACCORDING TO ANNEX I TO COMMISSION DECISION 2010/367/EU**

Poultry category	NUTS2 Code	Total number of holdings	Total number of holdings sampled	Number of samples per holding	Total number of samples taken	Methods of laboratory analysis	Total number of tests performed per method
Laying hens	Romania	0	0	0	0	PCR test	15
Laying hens	Romania	0	0	0	0	Virus isolation test	70
Chicken breeders	Romania	44	42	30	1,221	HI test for H5	1,221
Chicken breeders	Romania	0	0	0	0	HI test for H7	1,221
Fattening turkeys	Romania	18	17	30	485	HI test for H5	485
Fattening turkeys	Romania	0	0	0	0	HI test for H7	485
Farmed game birds (gallinaceous)	Romania	10	8	30	210	HI test for H5	210
Farmed game birds (gallinaceous)	Romania	0	0	0	0	HI test for H7	210
Ratites	Romania	3	1	30	30	HI test for H5	30
Ratites	Romania	0	0	0	0	HI test for H7	30
Fattening ducks	Romania	1	1	25	25	HI test for H5	25
Fattening ducks	Romania	0	0	0	0	HI test for H7	25
Backyard flocks (gallinaceous)	Romania	704	619	30	17,424	HI test for H5	17,424
Backyard flocks (gallinaceous)	Romania	0	0	0	0	HI test for H7	17,424
Backyard flocks (waterfowl)	Romania	703	606	25	14,837	HI test for H5	14,837
Backyard flocks (waterfowl)	Romania	0	0	0	0	HI test for H5	14,837
Backyard flocks (waterfowl)	Romania	0	0	0	0	HI test for H7	14,837
Laying hens	Romania	208	199	30	5,807	HI test for H5	5,787
Laying hens	Romania	0	0	0	0	HI test for H7	5,787
<b>Total</b>		1,691	1,493	230	40,039	<b>Methods of laboratory analysis</b>	<b>Total number of tests</b>
						<b>Total - HI test for H5</b>	54,856
						<b>Total - HI test for H7</b>	40,019
						<b>Total - PCR test</b>	15
						<b>Total - Virus isolation test</b>	70

**Table B - WILD BIRDS : INVESTIGATION ACCORDING TO THE SURVEILLANCE PROGRAMME FOR AVIAN INFLUENZA IN WILD BIRDS SET OUT IN ANNEX II TO DECISION 2010/367/EU**

NUTS 2 Code	Total number of wild birds sampled for passive surveillance	Number of PCR tests done for passive surveillance	Number of virus isolation tests for passive surveillance
Romania	233	357	0
<b>Total</b>	233	357	0

**Table C - POULTRY AND WILD BIRDS : NUMBER OF OUTBREAKS OF AVIAN INFLUENZA DETECTED DURING THE YEAR**

	Domestic birds	Wild birds
<b>Nr of HPAI outbreaks</b>	0	0
<b>Nr of LPAI outbreaks</b>	0	0

COMMENT / ADDITIONAL CLARIFICATION

No comments.