

About this dossier

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Eradication: Final report for Salmonella 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).

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ID: 20200518-QEVKBFEK

Country code: BG

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.

The surveillance and control of Salmonellosis in poultry is carried out according to the following programs:

- Salmonella control program for breeding flocks of poultry;
- Program for control of salmonella in broilers;
- Salmonella control program for laying hens Gallus Gallus;
- Salmonella control program for breeding and fattening turkeys.

The relevant measures and the taken samples are carried out in accordance with the requirements of Regulation (EC) No 2160/2003 of the European Parliament and of the Council of 17 November 2003 on the control of salmonella and other specific zoonotic agents present in the food chain.

The aim of the programme is to implement all relevant measures in order to reduce the maximum percentage of flocks, remaining positive for the target Salmonella serovars, as specified in:

- Regulation (EU) No 200/2010 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards a Union target for the reduction of the prevalence of Salmonella serotypes in adult breeding flocks of Gallus gallus,
- Regulation (EC) No 1177/2006 implementing Regulation (EC) No 2160/2003 as regards requirements for the use of specific control methods in the framework of the national programmes for the control of Salmonella in poultry.

Regulation (EU) No 517/2011 implementing Regulation (EC) No 2160/2003 of the European Parliament and

of the Council as regards a Union target for the

reduction of the prevalence of Salmonella serotypes in laying hens of Gallus gallus,

- Regulation (EU) No 200/2012 concerning a Union target for the reduction of Salmonella enteritidis and Salmonella Typhimurium in flocks of broilers,

Regulation (EU) No 1190/2012 concerning a Union target for the reduction of Salmonella Enteritidis and Salmonella Typhimurium in flocks of turkeys

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

The outcomes from the programmes carried out are as follows:

- Regarding the breeding flocks of Gallus gallus, The own control was carried out at both levels at farm and at hatchery level. All hatcheries for breeding flocks of laying hens Gallus gallus in operation were inspected for the purpose of the implementation of SCNP. The official sampling visits took place in the all 16 hatcheries in operation - 195 official sampling visits were carried out in total. In a number of cases within one official sampling visit more than one flocks were tested. In total 430 official sampling visits at farm level were carried out for 191 adult herds (2 times /or 3 times per production cycle) . During the implementation of the programme shortcomings were observed in the decreased number of official sampling visits at hatchery level, as corrective measures have been taken (trainings to be organised in 2020).

- Regarding the laying hens of Gallus gallus the official sampling visit is carried out at least once a year in all working farms with more than 1000 adult laying hens. In total, 140 official sampling visits at flock level were carried out for 211 herds.

- Regarding the broilers flocks the official sampling visits were carried out on all 229 farms with more than 5,000 broilers, where bacteriological samples were taken from 230 flocks. The SCNP plan for testing in broiler farms is based on the regional level which results sampling (official sampling visits) in more than 10 % of broiler flocks with more than 5000 broilers.

- Regarding the turkey farms - official sampling visits were carried out in one holding with 3 adult breeding turkey flocks and two holdings with 4 fattening turkey flocks (all turkey farms located in the country)

Bacteriological samples carried out within the implementation of the SCNPs are presented on the tables below. Official confirmatory sampling was not taken within the SCNPs.

With regard to vaccination, the use of vaccines as a preventative measure within the SCNP is a voluntary procedure, by the decision of the owner. The owners of the holdings could use only the approved by BFSA vaccines. When the samples have been taken from vaccinated poultry, the letter accompanying any such samples to the laboratory must specify the type and time of vaccination.

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.

Breeding flocks of G.Gallus

- No positive adult breeding flocks were confirmed for the target Salmonella serotypes . Target Salmonella serotypes - S.Enteritidis (1 flock), S.Typhimurium (1 flock) and S.Infantis (2 flocks) were confirmed in the rearing flocks. According to the Salmonella Control Program for breeding flocks of birds and the measures to be taken in case of positive cases, the positive birds for S.Enteritidis and S.Typhimurium were destroyed. In the holdings with two positive herds for S.Infantis, the plans and applied biosecurity measures in the farms were revised.

Laying hens G.Gallus

- 4% of adult laying hens flocks remains positive for target Salmonella serotypes - serotype S.Enteritidis was confirmed in 7 herds of adults and 2 rearing flocks. According to the Salmonella Control Program for breeding flocks of birds and the measures to be taken in case of positive cases, the positive birds for S.Enteritidis were destroyed. Compensation was not paid due to infringements found during the inspections. One of the adult flock was recorded as positive for S.E after specific sampling with positive antimicrobial detection test. Other serotypes confirmed in 2019 are as follows - two positive herds for S. Infantis and 1 positive herd for S. Senftenberg, for which appropriate corrective measures have been taken and the plans and applied biosecurity measures have been revised.

Broilers

- below 1% of broiler flocks remains positive for target Salmonella serotypes - serotype S.Typhimurium was confirmed in 2 flocks of broilers in two farms. The positive flocks were destroyed.

Turkey flocks

- no positive flocks for breeding and fattening turkeys were recorded.

2. Tables for Salmonella 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).

	Number of adults flocks checked	Number of these flocks infected by a target serovar	Incidence
Breeding flocks of Gallus gallus	191	0	0 %
Laying hen flocks	211	9	4.27 %
Broiler flocks	230	2	0.87 %
Breeding flocks of turkeys	3	0	0 %
Fattening flocks of turkeys	2	0	0 %

Table A - BREEDING FLOCKS OF GALLUS GALLUS

No of flocks with more than 250 adult breeders of Gallus gallus	191
No of flocks covered by the programme - Rearing flocks	72
No of flocks covered by the programme - Adults	191
No of flocks checked by the Competent Authorities - Rearing flocks	8
No of flocks checked by the Competent Authorities - Adults	191
No of flocks checked by the FBO - Rearing flocks	72
No of flocks checked by the FBO - Adults	191
No of official visits to take samples - Routine (holding)	430
No of official visits to take samples - Routine (hatchery)	195
No of official visits to take samples - Confirmatory sampling	0
No of official visits to take samples - Efficacy of disinfection	1
Positive flocks (SE,ST,SH,SI,SV) - No of positive flocks - Rearing flocks	4
Positive flocks (SE,ST,SH,SI,SV) - No of positive flocks - Adults	0
Positive flocks (SE,ST,SH,SI,SV) - No of positive flocks depopulated - Rearing flocks	2
Positive flocks (SE,ST,SH,SI,SV) - No of positive flocks depopulated - Adults	0
Positive flocks (SE,ST,SH,SI,SV) - No of birds concerned - Rearing flocks	68,210
Positive flocks (SE,ST,SH,SI,SV) - No of birds concerned - Adults	0
Positive flocks (SE,ST,SH,SI,SV) - No of eggs - Heat treated	0
Positive flocks (SE,ST,SH,SI,SV) - No of eggs - Destroyed	68,210

Table B - FLOCKS OF LAYING HENS

No of holdings with more than 1,000 adult laying hens	140
No of flocks in these holdings - Rearing flocks	94
No of flocks in these holdings - Adults	211
No of holdings covered by the programme	140
No of flocks in these holdings - Rearing flocks	94
No of flocks in these holdings - Adults	211
Official checks - No of holdings with adult flocks checked	140
Official checks - No of adult flocks checked in these holdings	211
Official checks - No of pullet flocks checked in these holdings	8
FBO checks - No of holdings checked	140
FBO checks - No of adult flocks checked in these holdings	211
FBO checks - No of pullet flocks checked in these holdings	94
No of official visits to take samples - Routine	211
No of official visits to take samples - Confirmatory sampling	0
No of official visits to take samples - Specific samples	5
No of official visits to take samples - Competent authority samples	0
No of official visits to take samples - Efficacy of disinfection	14
Positive flocks (SE,ST) - No of positive flocks - Rearing flocks	2

Positive flocks (SE,ST) - No of positive flocks - Adults	7
Positive flocks (SE,ST) - No of positive flocks depopulated - Rearing flocks	2
Positive flocks (SE,ST) - No of positive flocks depopulated - Adults	6
Positive flocks (SE,ST) - No of birds concerned - Rearing flocks	38,234
Positive flocks (SE,ST) - No of birds concerned - Adults	13,732
Positive flocks (SE,ST) - No of eggs - Destroyed	10,674

Table C - BROILER FLOCKS

No of holdings with more than 5,000 broilers	229
No of flocks produced in these holdings	5,790
No of holdings covered by the programme	229
No of flocks produced in these holdings	5,790
No of flocks checked (official checks)	230
No of flocks checked (FBO checks)	5,790
No of official visits to take samples - Routine	230
No of official visits to take samples - Efficacy of disinfection	18
No of positive flocks (SE,ST)	2

Table D - BREEDING FLOCKS OF TURKEY

No of flocks with more than 250 adult breeding turkeys	3
No of flocks with elite, great grand parent, grand parents	0
No of flocks covered by the programme - Rearing flocks	2
No of flocks covered by the programme - Adults	3
No of flocks checked by the Competent Authorities - Rearing flocks	0
No of flocks checked by the Competent Authorities - Adults	3
No of flocks checked by the FBO - Rearing flocks	2
No of flocks checked by the FBO - Adults	3
No of official visits to take samples - Routine (holding)	3
No of official visits to take samples - Routine (hatchery)	1
No of official visits to take samples - Confirmatory sampling	0
No of official visits to take samples - Efficacy of disinfection	0
Positive flocks (SE,ST) - No of positive flocks - Rearing flocks	0
Positive flocks (SE,ST) - No of positive flocks - Adults	0
Positive flocks (SE,ST) - No of positive flocks depopulated - Rearing flocks	0
Positive flocks (SE,ST) - No of positive flocks depopulated - Adults	0
Positive flocks (SE,ST) - No of birds concerned - Rearing flocks	0
Positive flocks (SE,ST) - No of birds concerned - Adults	0
Positive flocks (SE,ST) - No of eggs - Heat treated	0
Positive flocks (SE,ST) - No of eggs - Destroyed	0

Table E - FLOCKS OF FATTENING TURKEYS

No of holdings with more than 500 fattening turkeys	2
No of flocks produced in these holdings	4
No of holdings covered by the programme	2
No of flocks produced in these holdings	4
No of flocks checked (official checks)	2
No of flocks checked (FBO checks)	4
No of official visits to take samples - Routine	2
No of official visits to take samples - Efficacy of disinfection	0
No of positive flocks (SE,ST)	0

Table F - LABORATORY TESTS

Laboratory tests on official samples	Nb of tests					
	Breeding flocks	Laying flocks	Broiler flocks	Breeding turkey flocks	Fattening turkey flocks	TOTAL
Microbiological tests	1,055	461	230	7	2	1,755
Serotyping tests	6	23	3	0	0	32
Disinfection efficacy tests	0	14	18	0	0	32
Antimicrobial detection tests	0	12	0	0	0	12

Table G - VACCINATION

	No of flocks in the vaccination programme	No of flocks vaccinated	No of birds vaccinated	No of doses administered
Breeders	0	0	0	0
Layers	0	0	0	0
Breeding turkeys	0	0	0	0
	0	0	0	0

COMMENT / ADDITIONAL CLARIFICATION