

Eradication: Final report for Salmonella 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: 20190424-QPKX67VH

Country code: BG

Reporting period

From: 2017

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.

The National Salmonella control programmes (NSCPs) in 2018 covered the following category poultry :breeders, laying hens of Gallus gallus , broilers and turkey

The SCNPs aim to :

- determine the health status of breeders, laying hens of Gallus gallus , broilers and tyrkey in Republic of Bulgaria with regard to Salmonella enteritidis and Salmonella Typhimurium(including monophasic S. Typhimurium serotypes with antigenic formula 1,4,/5/,1 2:i);

- achieve the Union target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium (including monophasic S. Typhimurium serotypes with antigenic formula 1,4,/5/,1 2:i) and all other relevant serotypes.

- ensure that the relevant measures are taken to detect and control Salmonella and other zoonotic agents at all relevant

stages of production, processing and distribution, particularly at the level of primary production resulting to reduce their prevalence and the risk they pose to public health as per the requirements of Regulation (EC) No 2160/2003.

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

In the framework of NSCPs, Salmonella target spp was confirmed as follows:

- in breeding flock of G. Gallus - S. Infantis detected in hatchery during official control ; 1 flock positive for S. Derby during FBO sampling;
- in laying hens - 5 flocks were detected positive for S. Enteritidis, as 2 of them were considered to be false positive (confirmation sampling was carried out following the sampling protocol according to the Annex D, point 4 b) of Regulation 2160/2003. Other three positive flocks were depopulated and table eggs marked as category B/ or destroyed, according to the Regulation 2160/2003. Following the national Ordinance for compensation in case of animal diseases, compensation was carried out only in one flock (3713 laying hens in total).

In addition 3 flocks were positive for S. Senftenberg, 2 for S. Thompson, 3 for S. Infantis, 1 for S. Djugo and 1 for S. Coeln;

With regard to breeders , annually all 14 hatcheries were visited once by the CA . Sampling was carried out per flock resulting in 14 osv with 66 samples in total. Salmonella sampling in breeder flocks by FBO was carried out either at holding level and hatchery level.

With regard to broilers - no positive Salm.spp was detected; Sampling was carried out at 10% of broiler holdings at regional level resulting in 100% of holding visited in case of region with one holding (in case of 1 holding in a region the holding is subject of 1 osv)

- in turkey - total 3 breeders and 1 fattening flock were reared and subject of osv. One breeding flock was detected positive for S. Agona.

All Salmonella spp were serotyped in the National Reference Laboratory "Salmonella, campylobacter and antimicrobial resistance".

Vaccination against Salm. spp is voluntary decision by the FBO. Of FBO decide to perform vaccination, the plan is authorised by the CA.

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.

Described in point 1.2

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	181	1	0.55 %
Laying hen flocks	160	3	1.88 %
Broiler flocks	5,711	0	0 %
Breeding flocks of turkeys	3	0	0 %
Fattening flocks of turkeys	1	0	0 %

Table A - BREEDING FLOCKS OF GALLUS GALLUS

No of flocks with more than 250 adult breeders of Gallus gallus	247
No of flocks covered by the programme - Rearing flocks	66
No of flocks covered by the programme - Adults	181
No of flocks checked by the Competent Authorities - Rearing flocks	24
No of flocks checked by the Competent Authorities - Adults	181
No of flocks checked by the FBO - Rearing flocks	66
No of flocks checked by the FBO - Adults	181
No of official visits to take samples - Routine (holding)	446
No of official visits to take samples - Routine (hatchery)	154
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,SH,SI,SV) - No of positive flocks - Rearing flocks	0
Positive flocks (SE,ST,SH,SI,SV) - No of positive flocks - Adults	1
Positive flocks (SE,ST,SH,SI,SV) - No of positive flocks depopulated - Rearing flocks	0
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	0
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	0

Table B - FLOCKS OF LAYING HENS

No of holdings with more than 1,000 adult laying hens	110
No of flocks in these holdings - Rearing flocks	82
No of flocks in these holdings - Adults	238
No of holdings covered by the programme	110
No of holdings covered by the programme - Rearing flocks	114
No of holdings covered by the programme - Adults	360
Official checks - No of holdings with adult flocks checked	98
Official checks - No of adult flocks checked in these holdings	160
Official checks - No of pullet flocks checked in these holdings	28
FBO checks - No of holdings checked	110
FBO checks - No of adult flocks checked in these holdings	360
FBO checks - No of pullet flocks checked in these holdings	114
No of official visits to take samples - Routine	188
No of official visits to take samples - Confirmatory sampling	28
No of official visits to take samples - Specific samples	0
No of official visits to take samples - Competent authority samples	0
No of official visits to take samples - Efficacy of disinfection	29
Positive flocks (SE,ST) - No of positive flocks - Rearing flocks	0
Positive flocks (SE,ST) - No of positive flocks - Adults	3
Positive flocks (SE,ST) - No of positive flocks depopulated - Rearing flocks	0
Positive flocks (SE,ST) - No of positive flocks depopulated - Adults	3
Positive flocks (SE,ST) - No of birds concerned - Rearing flocks	0
Positive flocks (SE,ST) - No of birds concerned - Adults	24,813
Positive flocks (SE,ST) - No of eggs - Destroyed	31,036

Table C - BROILER FLOCKS

No of holdings with more than 5,000 broilers	207
No of flocks produced in these holdings	5,711
No of holdings covered by the programme	207
No of flocks produced in these holdings	5,711
No of flocks checked (official checks)	240
No of flocks checked (FBO checks)	5,711
No of official visits to take samples - Routine	240
No of official visits to take samples - Efficacy of disinfection	0
No of positive flocks (SE,ST)	0

Table D - BREEDING FLOCKS OF TURKEY

No of flocks with more than 250 adult breeding turkeys	6
No of flocks with elite, great grand parent, grand parents	0
No of flocks covered by the programme - Rearing flocks	3
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	3
No of flocks checked by the FBO - Adults	3

No of official visits to take samples - Routine (holding)	6
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	1
No of flocks produced in these holdings	3
No of holdings covered by the programme	1
No of flocks produced in these holdings	3
No of flocks checked (official checks)	1
No of flocks checked (FBO checks)	3
No of official visits to take samples - Routine	1
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	1,048	523	240	13	1	1,825
Serotyping tests	5	36	0	0	0	41
Disinfection efficacy tests	0	70	0	0	0	70
Antimicrobial detection tests	0	0	0	0	0	0

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