

EUROPEAN HEALTH AND DIGITAL EXECUTIVE AGENCY (HaDEA)

Department A Health and Food Unit A2 EU4Health/SMP

Food Programmes for eradication, control and surveillance of animal diseases and zoonoses

submitted for obtaining EU financial contribution

Annex II: Control programme – Reduction of prevalence of Salmonella serotypes in certain poultry populations

Member States seeking an EU financial contribution for national programmes for eradication, control and surveillance of animal diseases and zoonosis shall submit online this document completely filled out by the 31 May of the year preceding its implementation (part 2.1 of Annex I to the Single Market Programme Regulation).

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- 5) For simplification purposes you are invited to submit multi-annual programmes.
- 6) You are invited to submit your programmes in English.

Document version number: 2022 1.0

Member state: ITALIA	
Disease Salmonella	
Animal population Fattening flocks of Turkeys	
This program is multi annual : no	
Request of Union co-financing from beginning:	2023
1. Contact data	
Name	Phone
Email	Your job type within the CA:

Submission Date

Submission Number

25/05/2022 18:03:13

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A. Technical information

By submitting this programme, the Member State (MS) attests that the relevant provisions of the EU legislation will be implemented during its entire period of approval, in particular:

- Regulation (EC) No 2160/2003 on the control of *Salmonella* and other specified food-borne zoonotic agents,
- Regulation (EU) No 1190/2012 concerning a Union target for the reduction of Salmonella Enteritidis and Salmonella Typhimurium in flocks of turkeys,
- 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.

As a consequence, the following measures will be implemented during the whole period of the programme:

1. The aim of the programme is to implement all relevant measures in order to reduce the maximum annual percentage of flocks of *turkeys* remaining positive to *Salmonella* Enteritidis (SE) and Salmonella Typhimurium (ST)(including the serotypes with the antigenic formula 1,4,[5],12:i:-)('Union target') to 1% or less. However, for the MS with less than 100 flocks of adult fattening turkeys, the Union target shall be that annually no more than one flock of adult fattening turkeys may remain positive.

	turkeys may rer	nain positive.	any no more	chair one noe	it of dadic f	accerning
	⊠yes	□no				
If no	please explain.					
All t	he technical informat	ion are referred to th	e new multiannu	al programme foi	salmonella 20	22-2024.
	2. Geographical The programme w	_		le territorv o	f the MS.	
	- F - 2					
	⊠yes	□no				

If no please explain.

The plan must be implemented in herds with commercial purposes independently by the number of birds. Family farms as defined by DM 13.11.2013 are not obliged to apply the control plan. Herds with less than 250 birds with commercial purposes must apply the control plan, anywaysampling frequency and number and type of samples may be adapted to the farms characteristics.

An holding with a structural capacity of less than 250 heads with a commercial character must implement the plan through a PdAA adequate to the company, agreed with the VS. If the VS deemed it necessary, the PdAA can be applied simplified also to family farms, i.e. farms with a structural capacity of less than 250 heads in which poultry are raised exclusively for consumption or personal use, with no commercial activity, subject to the exceptions provided for in Regulation (EC) 852/2004.

3. Flocks subject to the programme

The programme covers all flocks of fattening turkeys. It does not apply to flocks for private domestic use.

⊠yes	□no	
If no please explain.		

Total number of holdings with fattening turkeys in the MS	Number of holdings			
Total number of houses in these holdings	5 860			
Number of holdings with more than 500 fattening turkeys	725			
NB : All cells shall be filled in with the best estimation available.				

4. Notification of the detection of target Salmonella serovars

A procedure is in place which guarantees that the detection of the presence of the relevant *Salmonella* serotypes during sampling at the initiative of the food business operator (FBO) is notified without delay to the competent authority (CA) by the laboratory performing the analyses. Timely notification of the detection of the presence of any of the relevant *Salmonella* serotypes remains the responsibility of the FBO and the laboratory performing the analyses.

\boxtimes yes	□no
<u> </u>	

If no please explain.

The notification of the identification of relevant serovars to the competent authority (CA) may be done both by the FBO and the laboratory performing theanalysisaccording to theagreement between them. The way to communicate the results to the CA must be reported in the document describing how the

plan is implemented at herd level, that must beapproved by the CA.					
5. Biosecurity measures					
FBOs have to implement measures to prevent the contamination of their flocks.					
⊠yes □no					
If no, please explain also the biosecurity measures that shall be applied, quote the document describing them (if any) and attach a copy (or indicate the URL address)					
Veterinary Services, with a frequency determined at regional level, must verify at herd level, the correct by annex A of Ordinanza of the Ministry of Health April 21th 2021 (amendement of ordinanza August 26th 2005-you can find the document in the attachment "Biosicurezza"). Biosecurity measures must undergo compulsory criteria clearly defined by law. The Competent Authorities (Veterinary Services at local level) use their checklists to verify the adoption of the compulsory criteria at farm level. The frequency of checking of biosecurity and hygiene management is at least annually to holdings authorized for intra-Community trade. For other types of holding, the frequency is modulated on a case by case basis, according to the risk evaluation of the VS. For the risk assessment, the VS considers epidemiological parameters, conditions of biosecurity, consistency of the flocks in the holding, previous non-compliance and other criteria deemed relevant by the local AC.					
6. Minimum sampling requirements for food business operators (FBO):					
Samples at the initiative of the FBO's will be taken and analysed to test for the target Salmonella serovars respecting the following minimum sampling requirements:					
All flocks of fattening turkeys within three weeks before slaughter.					
⊠yes □no					
The competent authority may authorise sampling in the last six weeks prior to the date of slaughter in case the turkeys are either kept more han 100 days or fall under organic turkey production according to Commisson Regulation (EC) No 889/2008.					
⊠yes □no					
If no please explain. Indicate also who takes the FBO samples. If the derogation is applied, how many holdings and flocks are concerned.					
FROsamples are taken by trained persons identified by the operator or his/her delegate The FRO may					

decide to increase thesampling frequency or samples number and this information have to be reported in the document, approved by the CA, describing how the plan is implemented at farm level.

FBOs are allowed to ask for derogation to the CA in the cases described above.CA verifies if it is the case or not to accept the request. Theagreement has to be documented. A procedure will be put in place starting from 2016 in order to record at national level holdings with derogation approved by CA.

7.	Samples	are	taken	in	accordance	with	provisions	of	point	2.2	of	Annex	to
	Regulation	າ (EU) No 11	90	/2012								

⊠yes	□no		
If no please explain.			

8.If birds from flocks infected with SE or ST are slaughtered, please describe the measures that shall be implemented by the FBO and the CA to ensure that fresh poultry meat meet the relevant **EU microbiological criteria** (row 1.28 of Chapter 1 of Annex I to Regulation (EC) No 2073/2005): absence of SE/ST in 5 samples of 25g:

Measures implemented by the FBO (farm level)

n case SE/ST infected flocks are slaughtered samples are taken in accordance to COMMISSION REGULATION (EU) No 1086/2011 in order to verify the compliance with EU microbiological criteria. These samplesare taken under the supervision of the CA and analysed by an official laboratory. The FBO may also, as an alternative, decide to submit the poultry meat to heat treatment.

Measures implemented by the FBO (slaughterhouse level)

n case SE/ST infected flocks are slaughtered samples are taken in accordance to COMMISSION REGULATION (EU) No 1086/2011 in order to verify the compliance with EU microbiological criteria. These samplesare taken under the supervision of the CA and analysed by an official laboratory. The FBO may also, as an alternative, decide to submit the poultry meat to heat treatment.

Measures implemented by the CA (farm and slaughterhouse level)

n case SE/ST infected flocks are slaughtered samples are taken in accordance to COMMISSION REGULATION (EU) No 1086/2011 in order to verify the compliance with EU microbiological criteria. These samplesare taken under the supervision of the CA and analysed by an official laboratory. The FBO may also, as an alternative, decide to submit the poultry meat to heat treatment.

 Laboratories in which samples (official and FBO samples) collected within this programme are analysed are accredited to ISO 17025 and the analytical 	
methods for <i>Salmonella</i> detection is within the scope of their accreditation.	
⊠yes □no	
If no please explain.	
10. The analytical methods used for the detection of the target Salmonella	
serovars is the one defined in Part 3.2 of the Annex of Regulation (EU) No	
200/2012 i.e. Amendment 1 of EN/ISO 6579-2002/Amdl:2007.	
'Microbiology offood and animal feeding stuffs - Horizontal method for the detection of Salmonella spp. — Amendment 1: Annex D: Detection of	
Salmonella spp. in animal faeces and in environmental samples from the	
primary production stage'.	
Serotyping is performed following the Kauffman-White-Le Minor scheme.	
For samples taken on behalf of the FBO alternative methods may be used if	
validated in accordance with the most recent version of EN/IS016140.	
⊠yes □no	
wyes — Inc	
If no please explain.	
Alternative methods may be used instead of the methods for detection and serotyping both in case of	
samples collected by FBO and CA. Alternative detection methods must be validated in accordance with	
EN ISO 16140-2. Private laboratories that perform Salmonella isolation in the framework of the	
national control program must undergo specific requirements which are regularly checked by the	
relevant authorities identified by the Ministry of Health and by The Ministry of Health itself.	
11. Samples are transported and stored in accordance with point 2.2.4 and 3.1 of	
the Annex to Regulation (EU) No 200/2012. In particular samples examination	
at the laboratory shall start within 48 hours following receipt and within 4 days after sampling.	
area sampingi	
⊠yes □no	
If no please explain.	
In case the laboratory can't start the analysis within 48 hours (2 days) the laboratory must store the	

samples at refrigeration temperature until analysis that must start in any case not later than 4 days after sampling

12. Please describe the official controls at feed level (including sampling).

Comments (max. 32000 chars):

Official controls at feed level are carried out according to the relevant national plan (PNAA, Piano Nazionale Alimentazione Animale) which is issued according to the relevant European legislation. PNAA is published by the Ministry of Health in cooperation with the other competent authorities, including national reference laboratories, involved in feed control. The plan is aimed to verify through audit and sampling the compliance with relevant legislation of the entire feed sector including production, distribution, preparation and administration. Samples are taken by the CA and analysed by official laboratories in order to detect the presence of chemical and microbiological hazards. In case of non compliant samples, sanitary measures are taken depending on the hazard.

The official sampling aimed to ascertain the possible microbial contamination by Salmonella spp., are performed mainly on cereals, oilseeds, raw materials of plant and animal origin intended to animal feeding, as well as on compound feed.

Briefly feed samples must be analyzed for Salmonella spp. presence both for monitoring and surveillance purposes (a total of 1000 samples /year as regards feed for food producing animals). Monitoring has an informative function and it allows the identification of risk factors and emerging events, as a basis for planning future interventions.

In case of surveillance purposes a risk based approach criterion for the selection of samples is defined, thus feed for poultry and pigs and feed based on soya beans must be collected (a total of 300 samples for each category per year at national level) and 113 pet food samples. As regards the procedure for collecting samples, this has to be in agreement with indications reported in the Decreto Legislativo n. 27 and in the relevant guideline which are an annex document to the PNAA.

In case of positive findings measures are taken in order to ensure the decontamination of feed such as heat treatment or treatment with organic acids or both of them depending on the specific case (sampling reason, type of feed and type of Salmonella serovar, specifically relevant/not relevant). Moreover additional measures have to be put in place by the local veterinary unit: epidemiological investigation, inspection and verification of the good practices and HACCP plans, particularly the procedures of cleaning, use of water, storing, pest control program, waste management. If necessary the feed business operator will be requested to increase the checks for Salmonella.

13. Official controls at holding and flock level

a. Please describe the official checks concerning the **general hygiene provisions** (Annex I of Regulation (EC) No 852/2004) including checks on biosecurity measures, and consequences in case of unsatisfactory outcome.

(max. 32000 chars):

The local veterinary services periodically perform checks at farm level to verify the general hygiene

provisions as reported in the Annex I of Regulation 852/2004/EC.Additionally the veterinary services perform regular checks of all farms included in the program

according to the Regulation 2160/2003/EC(3.2, c) to verify the correct application of the national plan including all the aspects (also biosecurity measures).

Farms that areallowed to intracommunity trade in have to be check at least once ayear; all the other farms may be checked lessor more frequently according to the evaluation of the local CA.

On the occasion of the checks the CA reports the objectives of the visit and the main findings in an official document, in this document measures to be taken in case of unsatisfactory results must be identified and reported as well and timeline tosatisfy the requests.

In case of unsatisfactory outcomes because of lack of respect of general hygiene provisions, sanctions may be applied in agreement with D.lg. vo 193/2007(article 6) which refers to Annex I of Regulation (EC) No 852/2004.

 b. Routine official sampling scheme: It implemented i.e. official sampling are ■ in one flock of fattening turkeys peleast 500 fattening turkeys; 	
	sampling going beyond FII minimum requirements is
performed, give a description of what is done 2)who is tal	
	ng (in addition to the confirmatory samples stematically performed if FBO or official chery):
After positive official samples at the holding	Always Sometimes (criteria apply) Never

After positive FBO samples at the holding	Always Sometimes (criteria apply) Never
	IVEVE
When official confirmatory sample taken for checking the present	pling is performed, additional samples are ce of antimicrobials:
Always Someti	mes Never
Please insert any comments. Describe the criteria used to d which samples (if any) are taken to check the presence of a	letermine if confirmatory sampling is performed. Indicate also intimicrobials.
Confirmatory sampling not foreseen in the PNCS 20	022-2024
a specific method to control Salmone controls implemented (documentary	/2006 (antimicrobials shall not be used as ella in poultry): please describe the official checks, sample taking) to check the correct r samples please describe the samples the result of the tests.
(max. 32000 chars) :	
In order to verify that antimicrobials have not been herd level,CA, on occasion of the official sampling, a considered appropriate takes additional samples (5 inhibitors testing.	always performs documentary checks, and in case it is
14.Please describe the official procedur infected flock, the efficacy of the d samples, of tests, sample taken, etc	lisinfection of a poultry house. (no of
(max. 32000 chars) :	
After a flock infected with relevant serovars is deposite clean and disinfected under the supervision of t	opulated the house where the birds were kept must the CA.

Environmental samples have to be taken by the CA (at least five) inside the house in order to verify the efficacy of the procedure. Samples have to be analyzed in an official laboratory and in case of identification of any Salomonella serovar a new cycle of cleaning and disinfection must be performed and repeated if necessary up to be negative

B. General information

1. Structure and organisation of the **Competent Authorities** (from the central CA to the local CAs)

Short description and/or reference to a document presenting this description (max. 32000 chars):

The Ministry of Health, DGSAF "Direzione della sanità animale e del farmaco veterinario" Office 3, is the Central Authority.

Regions and Autonomous Provinces, that operate on the territory through the Local VeterinaryServices (VS) are the Local Authorities (LA).

2. Legal basis for the implementation of the programme

(max. 32000 chars):

The legal basis is represented by the relevant European legislation.

The list of the relevant national legislation is reported below:

- National control plan for salmonella (valid plan)
- Legislative Decree No. 191 of 4 April 2006 which implements Directive 2003/99 / EC on surveillance measures for zoonoses and zoonotic agents.

Nationa Legal basis for compensation:

DM (ministerial decrees) issued pursuant to Article 2, paragraph 3, of Law 218/88:

- DM 11/11/2011 for laying hens effective from 01 January 2011
- DM 04/02/2013 for breeders G. gallus- effective from 01 January 2013 as amended by the decree 26 November 2018 Health measures in case of identification of Salmonella Infantis in Gallus gallus breeding flocks, as part of the National Salmonellosis Control Plan in Poultry
- DM 04/02/2013 For breeding and fattening turkeys effective from 01 January 2013.

Poultry Registry(BDN)

- -Legislative Decree n. 9 of 25 January 2010, in particular articles 4 and 57;
- -Ministerial Decree November 13, 2013, laying down the operating procedures for the computerized register of poultry farms, in implementation of Article 4 of Legislative Decree 25 January 2010, no. 9.

Biosecurity

Ministerial order. April 2022 "Extension and amendment of the ordinance of 26 August 2005, and subsequent amendments, concerning «Veterinary police measures in the matter of infectious and

diffusive diseases of poultry».

Animal feeding

• National health surveillance and surveillance plan on animal nutrition (PNAA 2021-2023)

All the relevant documents, including legislation, are available in the web pages of the Ministry of Health and relevant official authorities:

http://www.salute.gov.it/portale/temi/p2_6.jsp?

lingua=italiano&id=4233&area=sanitaAnimale&menu=malattie

http://zoonosi.izs.it/pls/izs_zoo/zoo_gestmenu.zoo_index

http://www.izsvenezie.it/temi/malattie-patogeni/salmonella/

3. Give a short summary of the outcome of the **monitoring of the target Salmonella serovars** (SE, ST) implemented in accordance with Article 4 of Directive 2003/99/EC (evolution of the prevalence values based on the monitoring of animal populations or subpopulations or of the food chain).

(max. 32000 chars):

According to the Directive 2003/99/EC data raised from the application of monitoring and control plans related to Salmonella applied at animal population and subpopulation level are reported to the European Commission through EFSA and are published both in the European Union Summary Report and in the national report.

For fattening turkeys the prevalence:

in 2021 was 0.02%, you can find attached the epidemiological map

4. System for the registration of holdings and identification of flocks

(max. 32000 chars):

The registration of commercial poultry holdings in the BDN (National Data Archive) that is maneged by IZS Abruzzo e Molise upon request and supervision of the Ministry of Health is mandatory. All the relevant data for the correct identification of the holding must be reported including: fiscal data of the owner and of the person responsible for the animal breeding, animal species kept, type of structure (holding/hatchery), productive orientation (fattening, breeders, laying hens), breeding mode (conventional/organic.....),number of animals that may be kept at the same time (structure capacity), number and identification number of the houses.

Each flock is identified and recorded in BDN as the group of animals housed in the same house at the same time.

The regions, through the local Veterinary Services are responsible for the correct and complete registration of the poultry farms in BDN. The owner or keeper of the animals is responsible to register the flocks in BDN.

5. System to monitor the implementation of the programme.

(max. 32000 chars):

The Veterinary National Information System (VNIS) of the Ministry of Health is the system in place to monitor the implementation of the programme.

In the section "National Plans Salmonellosis" of the VNIS (referred to as SIS) all the samplings both by CA and by FBO must be reported.

This system is managed by IZS Abruzzo e Molise upon the request and supervision of the Ministry of Health.

In this informative system all the relevant data of the flocks submitted to sampling is reported including the laboratory findings. This system is the tool of the Ministry of Health and of the local CAs to evaluate the control program activities and to monitor the epidemiological situation.

C. Targets

1 Targets related to flocks official monitoring

1.1 Targets on laboratory tests on official samples for year:

2023

Type of the test (description)	Target population	Number of planned tests
Bacteriological detection test	Fattening flocks of Turkeys	300
Serotyping	Fattening flocks of Turkeys	50
Antimicrobial detection test	Fattening flocks of Turkeys	10
Test for verification of the efficacy of disinfection	Fattening flocks of Turkeys	10

1.2 Targets on official sampling of flocks for year: **2023**

Type of the test (description)	Rearing flocks	Adult flocks
Total No of flocks (a)		6 000
No of flocks in the programme		6 000
No of flocks planned to be checked (b)		80
No of flock visits to take official samples (c)		80
No of official samples taken		80
Target serovars (d)		SE + ST
Possible No of flocks infected by target serovars		2

- (a) Including eligible and non eligible flocks
- (b) A checked flock is a flock where at least one official sampling visit will take place. A flock shall be counted only once even if it was visited serveral times.
- (c) Each visit for the purpose of taking official samples shall be counted. Several visits on the same flock for taking official samples shall be counted separately.
- (d) Salmonella Enteritidis and Salmonella Typhimurium = SE + ST Salmonella Enteritidis, Typhimurium, Hadar, Infantis, Virchow = SE+ ST + SH +SI + SV

E. Financial information

1. Identification of the implementing entities - financial circuits/flows

Identify and describe the entities which will be in charge of implementing the eligible measures planned in this programme which costs will constitute the reimbursment/payment claim to the EU. Describe the financial flows/circuits followed.

Each of the following paragraphs (from a to e) shall be filled out if EU cofinancing is requested for the related measure.

a) Implementing entities - **sampling**: who perform the official sampling? Who pays? (e.g. authorised private vets perform the sampling and are paid by the regional veterinary services (state budget); sampling equipment is provided by the private laboratory testing the samples which includes the price in the invoice which is paid by the local state veterinary services (state budget))

The implementing entities that perform the sampling are the Local Veterianary Services that are the local CAs which acts for the Ministry of Health at local level. The official veterinarians that perform the sampling are paid by the state budget. The sampling equipment is provided both (It depends on the Region) by the official laboratories and by the Local Veterinary Services this is paid by the state budget.

b) Implementing entities - **testing**: who performs the testing of the official samples? Who pays? (e.g. regional public laboratories perform the testing of official samples and costs related to this testing are entirely paid by the state budget)

Official samples are analysed by official public laboratories (that are located at the Istituti Zooprofilattici Sperimentali) and the costs are fully paid by the State budget.

c) Implementing entities - compensation: who performs the compensation? Who pays?
(e.g. compensation is paid by the central level of the state veterinary services,
or compensation is paid by an insurance fund fed by compulsory farmers contribution)

Compensation for eggs and birds, when foreseen, is paid by the State budget through Regions and Autonomous provinces.

- d) Implementing entities **vaccination**: who provides the vaccine and who performs the vaccination? Who pays the vaccine? Who pays the vaccinator?
- (e.g. farmers buy their vaccine to the private vets, send the paid invoices to the local state veterinary services which reimburse the farmers of the full amount and the vaccinator is paid by the regional state veterinary services)

I any, farmers buy and pay their vaccine, then they send the invoice to the local veterinary services which provide for the reimbursement to the farmers (by the state budget) as regards the cost of the vaccine. The vaccinators (private veterinarians) are paid by the farmers and this cost is not reimbursed

e) Implementing entities - **other essential measures**: who implement this measure? Who provide the equipment/ service? Who pays?

not applied

2. Source of funding of eligible measures	
All eligible measures for which cofinancing is requested and reimbursment will be claimed are financed by public funds.	
$\boxtimes yes$	
\square no	
3. Additional measures in exceptional and justified cases	
In the "Guidelines for the Union co-funded veterinary programmes", it is indicated that in exceptional and duly justified cases, additional necessary measures can be proposed by the Member States in their application.	
cases, additional necessary measures can be proposed by the Fieliber States in their application.	
f you introduced these type of measures in this programme, for each of them, please provide detailed technical justification and also ustification of their cost:	
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Attachments

IMPORTANT:

- 1) The more files you attach, the longer it takes to upload them .
- 2) This attachment files should have one of the format listed here: jpg, jpeg, tiff, tif, xls, xlsx, doc, docx, ppt, pptx, bmp, pna, pdf.
- 3) The total file size of the attached files should not exceed 2 500Kb (+- 2.5 Mb). You will receive a message while attaching when you try to load too much.
- 4) IT CAN TAKE <u>SEVERAL MINUTES TO UPLOAD</u> ALL THE ATTACHED FILES. Don't interrupt the uploading by closing the pdf and wait until you have received a Submission Number!
- 5) Only use letters from a-z and numbers from 1-10 in the attachment names, otherwise the submission of the data will not work.

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	Total size of attachments :	