



## Annex II : Control programme submitted for obtaining EU cofinancing - Reduction of prevalence of Salmonella serotypes

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- 7) For simplification purposes you are invited to submit **multi-annual programmes**.
- 8) As mentioned during the Plenary Task Force of 28/2/2014, you are invited to submit your programmes in **English**.

Submission Date

Thursday, October 01, 2015 15:28:16

Submission Number

1443706101738-6805

# Programme of eradication of Salmonella serotypes

## Identification of the programme

Member state : ITALIA

Disease Salmonella

This program is multi annual : yes

Type of submission : New multiannual programme

Request of Union co-financing  
from beginning of :

2016

To end of

2018

## Contact

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Your job type within the CA : Ministry of Health

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## Animal population

Animal population Breeding flocks of Gallus gallus

# Programme of eradication of *Salmonella* serotypes

## 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 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.

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 to 1% or less the maximum percentage of adult breeding flocks of *Gallus gallus* remaining positive for the target *Salmonella* serovars: *Salmonella* Enteritidis (SE), Typhimurium (ST)(including the antigenic formula 1,4,[5],12:i:-), Hadar (SH), Infantis (SI) and Virchow (SV).

For a MS with less than 100 adult breeding flocks of *Galus gallus* the target is to have no more than one such flock remaining positive for the relevant *Salmonella* serovars per year.

Comments(max. 32000 chars) :

2. The programme will be implemented on the **whole territory** of the Member State.

Comments (max. 32000 chars) :

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, anyway sampling frequency

# Programme of eradication of *Salmonella* serotypes

and number and type of samples may be adapted to the farms characteristics.

## 3. Flocks subject to the programme

	Total number of flocks of breeders in the MS	Number of flocks with at least 250 adult breeders	Number of flocks where FBO sampling shall take place	Number of flocks where official sampling will take place
Rearing flocks	489		489	30
Adult flocks	991	949	991	991
Number of adult flocks where FBO sampling is done at the hatchery		0	0	0
Number of adult flocks where FBO sampling is done at the holding		949	991	991

*NB : All cells shall be filled in with the best estimation available.*

*Comments (max. 32000 chars) :*

The number of flocks where official sampling must be carried out are extrapolated by the data recorded in the "Banca Dati Nazionale", BDN (national data archive; last consultation on May 2015). It is assumed that all the flocks included in the program are regularly submitted to sampling by FBO and CA. In the case of rearing flocks, even though sampling by CA is not mandatory, it is reasonable to suppose that some of them will be submitted to sampling because of deemed appropriate.

## 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 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 food business operator and the laboratory performing the analyses.

*Comments (max. 32000 chars) :*

The notification of the identification of relevant serovars to the competent authority (CA) may be done both by the FBO and the laboratory performing the analysis according to the agreement 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 be approved by the CA. Laboratory findings both resulting from FBO and official samplings must be reported through the dedicated informative system (SIS) to the CA.

## 5. Biosecurity measures

FBOs have to implement measures to prevent the contamination of their flocks.

## Programme of eradication of *Salmonella* serotypes

*Comments - Describe also the biosecurity measures that shall be applied, quote the document describing them (if any) and attach a copy (max. 32000 chars) :*

Veterinary Services, with a frequency determined at regional level, must verify at herd level, the correct application of biosecurity measures established by annex II of Ordinanza of the Ministry of Health August 26th 2005 and subsequent amendments (see 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.

### 6. Minimum sampling requirements for food business operators :

Samples at the initiative of the FBOs will be taken and analysed to test for the target *Salmonella* serovars respecting the following minimum sampling requirements:

- a. Rearing flocks: day-old chicks, four-week-old birds, two weeks before moving to laying phase or laying unit
- b. Adults breeding flocks: depending if the MS achieved the EU target for more than 2 years

Every second week during the laying period

Every three weeks during the laying period (derogation of point 2.1.2.3 of Annex to Regulation (EC) No 200/2010)

*Comments - Indicate also who takes the FBO samples*

FBO samples are taken by trained persons identified by the FBO or his/her delegate. The FBO may decide to increase the sampling 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.

### 7. Samples are taken in accordance with provisions of point 2.2 of Annex to Regulation (EU) No 200/2010

*Comments (max. 32000 chars) :*

## Programme of eradication of Salmonella serotypes

8. **Specific requirements** laid down in Annex II.C of Regulation (EC) No 2160/2003 will be complied with where relevant (i.e. due to the presence of SE or ST (including monophasic ST 1,4,[5],12:i:-), all birds of infected rearing or adult flocks are slaughtered or killed and destroyed, and all eggs are destroyed or heat treated):

*Comments - Indicate also if birds are slaughtered or killed and destroyed, and if eggs are destroyed or heat treated (max. 32000 chars) :*

As regards birds both the opportunities are allowed and the final decision is taken depending on the specific case; as regards eggs they are preferably destroyed.

9. Please describe the measures that shall be implemented in a flock (rearing and adult) where **Salmonella Hadar, Infantis or Virchow is detected**:

*(max. 32000 chars) :*

An epidemiological investigation must be carried out by the CA and in case modification or integration of the biosecurity measures are required to the FBO. Where necessary the frequency of the CA samplings may be increased. After depopulation the herds where positive animals were kept must be cleaned and disinfected under the CA supervision.

10. 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 (max. 32000 chars) :*

In 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 samples are 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 (max. 32000 chars) :*

In 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 samples are 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.

## Programme of eradication of *Salmonella* serotypes

**11. Laboratories** in which samples (official and FBO samples) collected within this programme are analysed are accredited to ISO 17025 standard and the analytical methods for *Salmonella* detection is within the scope of their accreditation.

*Comments (max. 32000 chars) :*

12. 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 200/2010 i.e. Amendment 1 of EN/ISO 6579-2002/Amd1:2007. '*Microbiology of food 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 Kaufman-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/ISO16140.

*Comments (max. 32000 chars) :*

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. The list of the private laboratories is published on [www.vetinfo.sanita.it/zoonosi/piani salmonellosi](http://www.vetinfo.sanita.it/zoonosi/piani-salmonellosi).

13. Samples are transported and stored in accordance with point 3.1.1 of the Annex to Regulation (EU) No 200/2010. In particular, samples examination shall start in the laboratory within 48 hours following receipt and within 96 hours after sampling.

*Comments (max. 32000 chars) :*

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.

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14. 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 1500 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 500 samples per year at national level). As regards the procedure for collecting samples, this has to be in agreement with indications reported in the annex to the Decreto Ministeriale 20 Aprile 1978 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.

## 15. Official controls at holding, flock and hatchery 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



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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 are allowed to intra community trade in have to be checked at least once a year; all the other farms may be checked less or 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 to satisfy 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 when FBO sampling takes place at the hatchery**: EU minimum requirements are implemented i.e. official sampling are performed:

- every 16 weeks at the hatchery
- twice during the laying phase at the holding (within four weeks at the beginning, within eight weeks before the end), and
- at the holding each time samples taken at the hatchery are positive for target serovars

If the CA has decided to implement the derogation of point 2.1.2.3 of Annex to Regulation (EC) No 200/2010 (when EU target achieved for more than two years), the EU minimum requirement for official sampling is: once a year at the hatchery, once at the holding during the laying phase.

*Comments - Indicate also : 1) if additional official sampling going beyond EU minimum requirements is performed, 2) who is taking the official samples, 3) if the derogation quoted above is applied (max. 32000 chars) :*

FBO sampling takes place at the holding. Anyway an official sampling must be performed by CA twice a year at the hatchery.

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- c. Routine official **sampling scheme when FBO sampling takes place at the holding**: EU minimum requirements are implemented i.e. official sampling are performed:
- Three times during the laying phase at the holding (within four weeks at the beginning, within eight weeks before the end and a third one in between)

If the CA has decided to implement the derogation of point 2.1.2.3 of Annex to Regulation (EC) No 200/2010 (EU target achieved for more than two years), the EU minimum requirement for official sampling is: twice at the holding during the laying phase.

*Comments - Indicate also : 1) if additional official sampling going beyond EU minimum requirements is performed, please describe, 2) who is taking the official samples, 3) if the derogation quoted above is applied (max. 32000 chars) :*

The Italian Ministry of Health has decided to implement the derogation of point 2.1.2.3 of Annex to Regulation (EC) No 200/2010 thus the official sampling frequency is twice at the holding during the laying phase. The official samples are taken by the personnel of the official veterinary services (CA). Apart from the routing sampling CA takes samples also for the following reasons: when deemed appropriate; when the CA needs to confirm a positive/negative finding (in exceptional circumstances) ; when a relevant *Salmonella* serovar is identified in samples taken at the hatchery; when bacterial growth inhibitors testing is considered appropriate; when environmental samples are required after houses cleaning and disinfection.

- d. When **samples (FBO or official) taken at the hatchery** are positive for a target *Salmonella* serovar, describe the measures taken if the confirmatory samples taken at the holding are negative:

Testing for antimicrobials or bacterial growth inhibitors (at least 5 birds per house) and if those substances are detected the flock is considered infected and eradication measures are implemented (annex II.C of Regulation (EC) No 2160/2003)

Other official samples are taken on the breeding flock; if positive, the flock is considered infected and eradication measures are implemented, if negative, all restrictive measures are lifted

Other official samples are taken on the progeny; if positive, the flock is considered infected and eradication measures are implemented, if negative, all restrictive measures are lifted

*Comments - Describe also if any other measures are implemented (max. 32000 chars) :*

On the occasion of the confirmatory sampling at holding level by the CA, both samples for *Salmonella*

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spp. detection and for bacterial growth inhibitors testing are collected.

- e. **Official confirmatory sampling** (in addition to the confirmatory samples at the holding which are systematically performed if FBO or official samples are positive at the hatchery):

After positive official samples at the holding

Always

Sometimes (criteria apply)

Never

After positive FBO samples at the holding

Always

Sometimes (criteria apply)

Never

*Comments - Describe also the criteria (if any) quoted above (max. 32000 chars) :*

An additional sampling in exceptional circumstances is carried out whenever the competent authority has doubts regarding the results of the preceding sampling (both after positive or negative FBO/official findings). A detailed description of the epidemiological situation of the farm and of the reasons behind the request of this additional sampling must be reported to the Ministry of Health that has the duty to give the final authorization. In this case samples must be analysed by the National Reference Laboratory, moreover the CA must take samples to be tested for bacterial growth inhibitors (at least 5 birds per house) that have to be analyzed by an official laboratory.

- f. Article 2 of Regulation (EC) No 1177/2006 (**antimicrobials** shall not be used as a specific method to control *Salmonella* in poultry): please describe the official controls implemented (documentary checks, sampletaking) to check the correct implementation of this provision (at the holding and at the hatchery). For samples please describe the samples taken, the analytical method used, the result of the tests.

*(max. 32000 chars) :*

In order to verify that antimicrobials have not been used as a specific method to control *Salmonella* at herd level, CA, on occasion of the official sampling, always performs documentary checks, and in case it is considered appropriate takes additional samples (5 birds per house, at least) for bacterial growth inhibitors testing.

Bacterial growth inhibitors testing is mandatory in case of confirmatory sampling (both in case of

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exceptional circumstances and in case of confirmatory sampling at the holding because of positive finding for relevant serovars at the hatchery) , which is carried out at herd level. In this case at least 5 birds per house are taken and testing is performed in an official laboratory that uses its own method.

### 16. *Salmonella* vaccination

Voluntary

Compulsory

Forbidden

Use of *Salmonella* vaccines is in compliance with provisions of Article 3 of Regulation (EC) No 1177/2006.

*Comments - If performed please describe the vaccination scheme (vaccines used, vaccines providers, target flocks, number of doses administered per bird, etc) (max. 32000 chars) :*

The vaccination is compulsory only for a new flock that is housed where the birds of the preceding flocks, infected with SE/ST, were kept.

The vaccine must be effective towards the relevant serovar isolated from the birds.

Live salmonella vaccines shall not be used in the framework of national control programmes where the manufacturer does not provide an appropriate method to distinguish bacteriologically wild-type strains of salmonella from vaccine strains.

Only the use of approved vaccines is allowed. The vaccination scheme is chosen by the veterinarian responsible for the farm according to the indications of the producer.

### 17. System for **compensation to owners** for the value of their birds slaughtered or culled and the eggs destroyed or heat treated.

*Describe the system for compensation to owners. Indicate how improper implementation of biosecurity measures can affect the payment of compensation (max. 32000 chars) :*

The compensation to owners procedure is established by the national relevant legislation; expenses that are included are in agreement with what is foreseen by European Commission as regards co-funded programmes. Compensation is provided only if the control plan has been correctly implemented and the results notified to the CA. The relevant national legislation is reported in the chapter "legal basis".

The local CAs may ask for the reimbursement of the expenses for vaccination of birds whenever vaccination is compulsory.

The expenses, in order to be object of compensation, must be correctly recorded according to the national procedure. The document in which the expenses are recorded is available and kept at local level (Regional Competent Authority).

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18. Official procedure to test, after the depopulation of an infected flock, the **efficacy of the disinfection** of a poultry house.

*(max. 32000 chars):*

After a flock infected with relevant serovars is depopulated the house where the birds were kept must be clean and disinfected under the supervision of 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 Salmonella serovar a new cycle of cleaning and disinfection must be performed and repeated if necessary up to a negative finding.

## 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, Dipartimento Sanità Pubblica Veterinaria, della Sicurezza Alimentare e degli Organi collegiali per la tutela della salute – DGSAF– Ufficio II, is the Central Authority. Regions and Autonomous Provinces, that operate on the territory through the local Veterinary Services (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 in the original language:

- Piani Nazionali di Controllo delle Salmonellosi negli avicoli in corso di validità
- . Decreto Legislativo n 191 del 4 aprile 2006 che attua la direttiva 2003/99/CE sulle misure di sorveglianza delle zoonosi e degli agenti zoonotici.

NORMATIVA NAZIONALE VIGENTE IN MATERIA DI INDENNIZZI:

- . decreti ministeriali, emanati ai sensi dell'articolo 2, comma 3, della Legge 218/88:
- DM 11/11/2011 per le ovaiole – in vigore dal 01 gennaio 2011
- DM 04/02/2013 per i riproduttori G. gallus - in vigore dal 01 gennaio 2013
- DM 04/02/2013 per i tacchini - in vigore dal 01 gennaio 2013.

I Piani in corso di validità sono parte integrante di tali decreti (articolo 1).  
Anagrafe avicola

- D. legislativo n. 9 del 25 gennaio 2010, in particolare gli articoli 4 e 57;

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- D.M. 13 novembre 2013, recante modalità operative di funzionamento dell'anagrafe informatizzata delle aziende avicole, in attuazione dell'articolo 4, del decreto legislativo 25 gennaio 2010, n. 9.  
. D. legislativo 199/2014

Biosicurezza

- O.M. 26 agosto 2005 "Misure di polizia veterinaria in materia di malattie infettive e diffuse dei volatili da cortile" e s.m.i.

Alimenti per animali

- Piano Nazionale di sorveglianza e di vigilanza sanitaria sull'alimentazione Animale (PNAA) in corso di validità.

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://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://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.

As far as the epidemiological situation of flocks of birds submitted to a control program according to Regulation 2160/2003/EC official data (2013) is reported below:

Breeding flocks of *Gallus gallus*: tested flocks 1287, % positive flocks for SE/ST equal to 0,16

Laying hens of *Gallus gallus*: tested flocks 2277, % positive flocks for SE/ST equal to 1,27

Broiler flocks of *Gallus gallus*: tested flocks 22267, % positive flocks for SE/ST equal to <0,01

Breeding flocks of turkeys: tested flocks 235, % positive flocks for SE/ST equal to 0

Fattening turkeys: tested flocks 4747, % positive flocks for SE/ST equal to 0,06

<http://www.efsa.europa.eu/en/efsajournal/doc/3991.pdf>

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## 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 managed 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.

ANNEX Tables additional information.pdf

# Programme of eradication of Salmonella serotypes

## C. Targets

### 1 Targets related to flocks official monitoring

#### 1.1 Targets on laboratory tests on official samples for year :

**2016**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Breeding flocks of Gallus gallus	environmental sample	routine sampling	3 600	X
ITALY	Serotyping	Breeding flocks of Gallus gallus	-	-	26	X
ITALY	Antimicrobial detection test	Breeding flocks of Gallus gallus	animals	with repeated/confirmatory sampling	55	X
ITALY	Test for verification of the efficacy of disinfection	Breeding flocks of Gallus gallus	-	-	32	X
<b>Add a new row</b>						
<b>Total</b>					3 713	
<b>Total Antimicrobial detection test</b>					55	
<b>Total Test for verification of the efficacy of disinfection</b>					32	
<b>Total Bacteriological detection test</b>					3 600	
<b>Total Serotyping</b>					26	



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## 1.1 Targets on laboratory tests on official samples for year :

**2017**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Breeding flocks of Gallus gallus	environmental sample	routine sampling	3 650	X
ITALY	Serotyping	Breeding flocks of Gallus gallus	-	-	30	X
ITALY	Antimicrobial detection test	Breeding flocks of Gallus gallus	animals	with repeated/confirmatory sampling	60	X
ITALY	Test for verification of the efficacy of disinfection	Breeding flocks of Gallus gallus	-	-	35	X
<b>Add a new row</b>						
<b>Total</b>					3 775	
<b>Total Antimicrobial detection test</b>					60	
<b>Total Test for verification of the efficacy of disinfection</b>					35	
<b>Total Bacteriological detection test</b>					3 650	
<b>Total Serotyping</b>					30	

## 1.1 Targets on laboratory tests on official samples for year :

**2018**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Breeding flocks of Gallus gallus	environmental sample	routine sampling	4 050	X

## Programme of eradication of Salmonella serotypes

ITALY	Serotyping	Breeding flocks of Gallus gallus	-	-	35	X
ITALY	Antimicrobial detection test	Breeding flocks of Gallus gallus	animals	with repeated/confirmatory sampling	65	X
ITALY	Test for verification of the efficacy of disinfection	Breeding flocks of Gallus gallus	-	-	40	X
					<b>Add a new row</b>	
					<b>Total</b>	4 190
					<b>Total Antimicrobial detection test</b>	65
					<b>Total Test for verification of the efficacy of disinfection</b>	40
					<b>Total Bacteriological detection test</b>	4 050
					<b>Total Serotyping</b>	35

### 1.2 Targets on official sampling of flocks for year :

2016

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)
ITALY	Adult Breeding f	991	991	991	1 635	3 600	SE+ST+SH+SI+SV	3	1	5 000	50 000	0
<b>Total</b>		991	991	991	1 635	3 600		3	1	5 000	50 000	0
										<b>Add a new row</b>		

# Programme of eradication of Salmonella serotypes

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis +Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

## 1.2 Targets on official sampling of flocks for year :

**2017**

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)	
ITALY	Adult Breeding f	1 000	1 000	1 000	1 650	3 650	SE+ST+SH+SI+SV	3	1	5 000	50 000	0	X
<b>Total</b>		1 000	1 000	1 000	1 650	3 650		3	1	5 000	50 000	0	
										<b>Add a new row</b>			

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis +Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

# Programme of eradication of Salmonella serotypes

## 1.2 Targets on official sampling of flocks for year :

2018

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)	
ITALY	Adult Breeding f	1 100	1 100	1 100	1 850	4 050	SE+ST+SH+SI+SV	3	1	5 000	50 000	0	X
<b>Total</b>		1 100	1 100	1 100	1 850	4 050		3	1	5 000	50 000	0	
										<b>Add a new row</b>			

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis +Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

## 2 Targets on vaccination

### 2.1 Targets on vaccination for year :

2016

## Programme of eradication of Salmonella serotypes

NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
Targets on vaccination					
NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
ITALY	991	1	5 000	10 000	<b>X</b>
			<b>Add a new row</b>		

2.1

*Targets on vaccination for year :*

**2017**

Targets on vaccination					
NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
ITALY	1 000	1	5 000	10 000	<b>X</b>
			<b>Add a new row</b>		

# Programme of eradication of Salmonella serotypes

2.1 *Targets on vaccination for year :*

**2018**

		Targets on vaccination			
NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
ITALY	1 100	1	5 000	10 000	<b>X</b>
			<b>Add a new row</b>		

# Programme of eradication of Salmonella serotypes

## D. Detailed analysis of the cost of the programme

### 1 Costs of the planned activities for year :

**2016**

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	3 600	18.19	65484	yes	X
Cost of analysis	Serotyping	26	38.38	997.88	yes	X
Cost of analysis	Antimicrobial detection test	55	3.43	188.65	yes	X
Cost of analysis	Test for verification of the efficacy of disinfection	32	16.72	535.04	yes	X
2. Vaccination (if you ask cofinancing for purchase of vaccins, you should also fill in A.16 and E.1.d)						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
Vaccination	Purchase of vaccine doses	10 000	0.6	6000	yes	X
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	5 000	8	40000	yes	X
Slaughter and destruction	Table eggs/hatching eggs destroyed	50 000	0.4	20000	yes	X

## Programme of eradication of Salmonella serotypes

4.Cleaning and disinfection						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
6. Cost of official sampling						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	1 635	23.24	37997.4	yes	<b>X</b>
				<b>Grand Total</b>		
				171,202.97		

**1** *Costs of the planned activities for year :* **2017**

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	3 650	18.19	66393.5	yes	<b>X</b>
Cost of analysis	Serotyping	30	38.38	1151.4	yes	<b>X</b>



## Programme of eradication of Salmonella serotypes

Cost of analysis	Antimicrobial detection test	60	3.43	205.8	yes	X
Cost of analysis	Test for verification of the efficacy of disinfection	35	16.72	585.2	yes	X
2. Vaccination (if you ask cofinancing for purchase of vaccins, you should also fill in A.16 and E.1.d)						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
Vaccination	Purchase of vaccine doses	10 000	0.6	6000	yes	X
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	5 000	8	40000	yes	X
Slaughter and destruction	Table eggs/hatching eggs destroyed	50 000	0.4	20000	yes	X
4.Cleaning and disinfection						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
6. Cost of official sampling						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	1 650	23.24	38346	yes	X

# Programme of eradication of Salmonella serotypes

		<b>Grand Total</b>		172,681.9	

## 1 Costs of the planned activities for year : 2018

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	4 050	18.19	73669.5	yes	X
Cost of analysis	Serotyping	35	38.38	1343.3	yes	X
Cost of analysis	Antimicrobial detection test	65	3.43	222.95	yes	X
Cost of analysis	Test for verification of the efficacy of disinfection	40	16.72	668.8	yes	X
2. Vaccination (if you ask cofinancing for purchase of vaccins, you should also fill in A.16 and E.1.d)						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
Vaccination	Purchase of vaccine doses	10 000	0.6	6000	yes	X
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	5 000	8	40000	yes	X

# Programme of eradication of Salmonella serotypes

Slaughter and destruction	Table eggs/hatching eggs destroyed	50 000	0.4	20000	yes	X
<b>4.Cleaning and disinfection</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>6. Cost of official sampling</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	1 850	23.24	42994	yes	X
			<b>Grand Total</b>		184,898.55	

# Programme of eradication of Salmonella serotypes

## *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 reimbursement/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 Veterinary 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 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 tested by official public laboratories (that are located at the Istituti Zooprofilattici Sperimentali) and costs are entirely paid by the State budget.

## Programme of eradication of Salmonella serotypes

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)

Farmers buy and pay their vaccine, send the invoice to the local veterinary services which provide the reimbursement to the farmers (by the state budget) as regards the cost of the vaccine. The vaccinators are paid by the farmers.

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

Not Applicable.

## Programme of eradication of Salmonella serotypes

### 2 Co-financing rate (see provisions of applicable Work Programme)

*The maximum co-financing rate is in general fixed at 50%. However based on provisions of Article 5.2 and 5.3 of the Regulation (EU) No 652/2014, we request that the co-financing rate for the reimbursement of the eligible costs would be increased:*

Up to 75% for the measures detailed below

Up to 100% for the measures detailed below

---

### 3. Source of funding of eligible measures

All eligible measures for which cofinancing is requested and reimbursement will be claimed are financed by public funds.

*yes*

*no*

---

# Programme of eradication of Salmonella serotypes

## 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 **SEVERAL MINUTES TO UPLOAD** 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.

## List of all attachments

	Attachment name	File will be saved as (only a-z and 0-9 and -_):	File size
	6805_4277.pdf	6805_4277.pdf	45 kb
	6805_4278.pdf	6805_4278.pdf	58 kb
	6805_4279.doc	6805_4279.doc	324 kb
	6805_4280.pdf	6805_4280.pdf	691 kb
	6805_4281.pdf	6805_4281.pdf	549 kb
		Total size of attachments :	1666 kb



## Annex II : Control programme submitted for obtaining EU cofinancing - Reduction of prevalence of Salmonella serotypes

Member States seeking a financial contribution from the European Union for national programmes of eradication, control and surveillance shall submit online this application completely filled out.

In case of difficulty, please contact [SANTE-VET-PROG@ec.europa.eu](mailto:SANTE-VET-PROG@ec.europa.eu), describe the issue and mention the version of this document 2015 1.06

Your current version of Acrobat is: 11.015

Instructions to complete the form:

- 1) You need to have at least the **Adobe Reader version 8.1.3** or higher to fill and submit this form.
- 2) To verify your data entry while filling your form, you can use the "**verify form**" button at the top of each page.
- 3) When you have finished filling the form, verify that your internet connection is active, save a copy on your computer and then click on the "**submit notification**" button below. If the form is properly filled, the notification will be submitted to the EU server and a submission number will appear in the corresponding field. If you don't succeed to submit your programme following this procedure, check with your IT service that the security settings of your computer are compatible with this online submission procedure.
- 4) All programmes submitted online are kept in a central database. However only the information in the last submission is used when processing the data.
- 5) **IMPORTANT:** Once you have received the submission number, **save the form on your computer** for your records.
- 6) If the form is not properly filled in, an alert box will appear indicating the number of incorrect fields. Please check your form again, complete it and re-submit it according to steps 3). Should you still have difficulties, please contact [SANTE-VET-PROG@ec.europa.eu](mailto:SANTE-VET-PROG@ec.europa.eu).
- 7) For simplification purposes you are invited to submit **multi-annual programmes**.
- 8) As mentioned during the Plenary Task Force of 28/2/2014, you are invited to submit your programmes in **English**.

Submission Date

Thursday, October 01, 2015 15:16:43

Submission Number

1443705407986-6801



# Programme of eradication of Salmonella serotypes

## Identification of the programme

Member state : ITALIA

Disease Salmonella

This program is multi annual : yes

Type of submission : New multiannual programme

Request of Union co-financing  
from beginning of :

2016

To end of

2018

## Contact

Name : Anna Sorgente

Your job type within the CA : Ministry of Health

Phone : +39 06 59942904

Email : a.sorgente@sanita.it

## Animal population

Animal population Breeding flocks of Turkeys

# Programme of eradication of *Salmonella* serotypes

## 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 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. Aim of the programme

It is to implement all relevant measures in order to reduce the maximum annual percentage of flocks of breeding turkeys remaining positive to *Salmonella* Enteritidis (SE) and *Salmonella* Typhimurium (ST) (including the serotypes with the antigenic formula I,4,[5],12:i:-) ('Union target') to 1% or less.

However, for 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.

Comments(max. 32000 chars) :

### 2. Geographical coverage of the programme

The programme will be implemented on the **whole territory** of the Member State.

# Programme of eradication of *Salmonella* serotypes

*Comments (max. 32000 chars) :*

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, anyway sampling frequency and number and type of samples may be adapted to the farms characteristics.

## 3. Flocks subject to the programme

	Total number of flocks of breeding turkeys in the MS	Number of flocks with at least 250 adult breeding turkeys	Number of flocks where FBO sampling shall take place	Number of flocks where official sampling will take place
Rearing flocks	90		90	10
Adult flocks	235	235	235	235

*NB : All cells shall be filled in with the best estimation available.*

*Comments (max. 32000 chars) :*

The number of flocks where official sampling must be carried out are extrapolated by the data recorded in the "Banca Dati Nazionale", BDN (national data archive; last consultation on May 2015). It is assumed that all the flocks included in the program are regularly submitted to sampling by FBO and CA. In the case of rearing flocks, even though sampling by CA is not mandatory, it is reasonable to suppose that some of them will be submitted to sampling because of deemed appropriate.

## 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 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 food business operator and the laboratory performing the analyses.

*Comments (max. 32000 chars) :*

The notification of the identification of relevant serovars to the competent authority (CA) may be done both by the FBO and the laboratory performing the analysis according to the agreement 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 be approved by the CA. Laboratory findings both resulting from FBO and official samplings must be reported through the dedicated informative system (SIS) to the CA.

# Programme of eradication of *Salmonella* serotypes

## 5. Biosecurity measures

FBOs have to implement measures to prevent the contamination of their flocks.

*Comments - Describe also the biosecurity measures that shall be applied, quote the document describing them (if any) and attach a copy (max. 32000 chars) :*

Veterinary Services, with a frequency determined at regional level, must verify at herd level, the correct application of biosecurity measures established by annex II of Ordinanza of the Ministry of Health August 26th 2005 and subsequent amendments (see 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.

## 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:

- Rearing flocks: at day-old, at four weeks of age, two weeks before moving to laying phase or laying unit
- Adult flocks: Every third week during the laying period at the holding or at the hatchery (only at the holding for flocks producing hatching eggs intended for trade within the union). The last sampling session takes place within three weeks before slaughter.

By way of derogation, if the Union target has been achieved for at least two consecutive calendar years in the whole Member State, sampling at the holding may be extended to take place every four weeks. However, the competent authority may decide to keep or revert to a three-week testing interval in the case of detection of the presence of the relevant *Salmonella* serotypes in a breeding flock on the holding and/or in any other case deemed appropriate by the competent authority.

*Comments - Indicate also 1)if who takes the FBO samples 2) if the derogation is applied 3)if additional FBO sampling (going beyond minimum sampling requirements) is performed, please describe what is done. (max. 32000 chars) :*

FBO samples are taken by trained persons identified by the FBO or his/her delegate. The FBO may decide to increase the sampling 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.

The derogation under point 2.1.iv of annex to Turkeys Regulation (1190/2012, annex point 2.1-aIV) is used because the objective has been achieved for 2 consecutive years.

## Programme of eradication of Salmonella serotypes

**7. Samples are taken** in accordance with provisions of point 2.2 of Annex to Regulation (EU) No 1190/2012

*Comments (max. 32000 chars) :*

**8.** Specific requirements laid down in Annex II.C of Regulation (EC) No 2160/2003 will be complied with where relevant (due to the presence of SE or ST (including monophasic ST 1,4,[5],12:i:-), all birds of infected reading or adult flocks are slaughtered or killed and destroyed, and all eggs are destroyed or heat treated):

*Comments - Indicate also if birds are slaughtered or killed and destroyed and if eggs are destroyed or heat treated (max. 32000 chars) :*

as regards birds both the opportunities are allowed and the final decision is taken depending on the specific case; as regards eggs they are preferably destroyed.

**9.** 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 (max. 32000 chars) :*

In 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 samples are 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 (max. 32000 chars) :*

In 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 samples are 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.

## Programme of eradication of *Salmonella* serotypes

**10.Laboratories** in which samples (official and FBO samples) collected within this programme are analysed are accredited to ISO 17025 standard and the analytical methods for *Salmonella* detection is within the scope of their accreditation.

*Comments (max. 32000 chars) :*

11.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 1190/2012 i.e. Amendment 1 of EN/ISO 6579-2002/Amd1:2007. '*Microbiology of food 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 Kaufman-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/ISO16140.

*Comments (max. 32000 chars) :*

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. The list of the private laboratories is published on [www.vetinfo.sanita.it/zoonosi/piani\\_salmonellosi](http://www.vetinfo.sanita.it/zoonosi/piani_salmonellosi).

12.Samples are transported and stored in accordance with point 2.2.4 and 3.1 of the Annex to Regulation (EU) No 1190/2012. In particular, samples examination shall start in the laboratory within 48 hours following receipt and within 96 hours after sampling.

*Comments (max. 32000 chars) :*

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.

# Programme of eradication of Salmonella serotypes

13. 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 1500 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 500 samples per year at national level). As regards the procedure for collecting samples, this has to be in agreement with indications reported in the annex to the Decreto Ministeriale 20 Aprile 1978 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.

## 14. 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

## Programme of eradication of Salmonella serotypes

including all the aspects (also biosecurity measures).

Farms that are allowed to intra community trade in have to be checked at least once a year; all the other farms may be checked less or 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 to satisfy 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**: EU minimum requirements are implemented i.e. official sampling are performed:

■ once a year, all flocks with at least 250 adult breeding turkeys between 30 and 45 weeks of age and in all holdings with elite, great grand parents and grand parent breeding turkeys; the competent authority may decide that this sampling may also take place at the hatchery; and

■ all flocks on holdings in case of detection of Salmonella Enteritidis or Salmonella Typhimurium from samples taken at the hatchery (FBO or official samples), to investigate the origin of infection;

*Comments - Indicate also 1)if additional official sampling going beyond EU minimum requirements is performed, give a description of what is done 2)who is taking the official samples (max. 32000 chars) :*

c. **Official confirmatory sampling** (in addition to the confirmatory samples at the holding which are systematically performed if FBO or official samples are positive at the hatchery):

After positive official samples at the holding

Always

Sometimes (criteria apply)

Never

After positive FBO samples at the holding

Always

Sometimes (criteria apply)

Never

*Comments - Describe also the criteria (if any) quoted above (max. 32000 chars) :*

An additional sampling in exceptional circumstances is carried out whenever the competent authority



## Programme of eradication of *Salmonella* serotypes

has doubts regarding the results of the preceding sampling (both after positive or negative FBO/official samples). A detailed description of the epidemiological situation of the farm and of the reasons behind the request of this additional sampling must be reported to the Ministry of Health that has the duty to give the final authorization. In this case samples must be analysed by the National Reference Laboratory, moreover the CA must take samples to be tested for bacterial growth inhibitors (at least 5 birds per house) that have to be analyzed by an official laboratory.

- d. Article 2 of Regulation (EC) No 1177/2006 (**antimicrobials** shall not be used as a specific method to control *Salmonella* in poultry): please describe the official controls implemented (documentary checks, sampletaking) to check the correct implementation of this provision (at the holding and at the hatchery). For samples please describe the samples taken, the analytical method used, the result of the tests.

(max. 32000 chars) :

In order to verify that antimicrobials have not been used as a specific method to control *Salmonella* at herd level, CA, on occasion of the official sampling, always performs documentary checks, and in case it is considered appropriate takes additional samples (5 birds per house, at least) for bacterial growth inhibitors testing.

Bacterial growth inhibitors testing is mandatory in case of confirmatory sampling (both in case of exceptional circumstances and in case of confirmatory sampling at the holding because of positive finding for relevant serovar at the hatchery) , which is carried out at herd level. In this case at least 5 birds per house are taken and testing is performed in an official laboratory that uses its own method.

### 15. *Salmonella* vaccination

Voluntary

Compulsory

Forbidden

Use of *Salmonella* vaccines is in compliance with provisions of Article 3 of Regulation (EC) No 1177/2006.

*Comments - If performed please describe the vaccination scheme (vaccines used, vaccines providers, target flocks, number of doses administered per bird, etc) (max. 32000 chars) :*

The vaccination is compulsory only for a new flock that is housed where the birds of the preceding flocks, infected with SE/ST, were kept.

The vaccine must be effective towards the relevant serovar isolated from the birds.

Live salmonella vaccines shall not be used in the framework of national control programmes where the manufacturer does not provide an appropriate method to distinguish bacteriologically wild-type strains of salmonella from vaccine strains.

## Programme of eradication of Salmonella serotypes

Only the use of approved vaccines is allowed. The vaccination scheme is chosen by the veterinarian responsible for the farm according to the indications of the producer.

16. System for **compensation to owners** for the value of their birds slaughtered or culled and the eggs destroyed or heat treated.

*Describe the system for compensation to owners. Indicate how improper implementation of biosecurity measures can affect the payment of compensation (max. 32000 chars)*

The compensation to owners procedure is established by the national relevant legislation; expenses that are included are in agreement with what is foreseen by European Commission as regards co-funded programmes. Compensation is provided only if the control plan has been correctly implemented and the results notified to the CA. The relevant national legislation is reported in the chapter "legal basis".

The local CAs may ask for the reimbursement of the expenses for vaccination of birds whenever vaccination is compulsory.

The expenses, in order to be object of compensation, must be correctly recorded according to the national procedure. The document in which the expenses are recorded is available and kept at local level (Regional Competent Authority).

17. Official procedure to test, after the depopulation of an infected flock, the **efficacy of the disinfection** of a poultry house.

*(max. 32000 chars) :*

After a flock infected with relevant serovars is depopulated the house where the birds were kept must be clean and disinfected under the supervision of 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 Salmonella serovar a new cycle of cleaning and disinfection must be performed and repeated if necessary up to a negative finding.

## 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, Dipartimento Sanità Pubblica Veterinaria, della Sicurezza Alimentare e degli Organi collegiali per la tutela della salute – DGSAF– Ufficio II, is the Central Authority. Regions and Autonomous Provinces, that operate on the territory through the local Veterinary Services (VS) are the

# Programme of eradication of Salmonella serotypes

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 in the original language:

- Piani Nazionali di Controllo delle Salmonellosi negli avicoli in corso di validità
- . Decreto Legislativo n 191 del 4 aprile 2006 che attua la direttiva 2003/99/CE sulle misure di sorveglianza delle zoonosi e degli agenti zoonotici.

NORMATIVA NAZIONALE VIGENTE IN MATERIA DI INDENNIZZI:

. decreti ministeriali, emanati ai sensi dell'articolo 2, comma 3, della Legge 218/88:

DM 11/11/2011 per le ovaiole – in vigore dal 01 gennaio 2011

DM 04/02/2013 per i riproduttori G. gallus - in vigore dal 01 gennaio 2013

DM 04/02/2013 per i tacchini - in vigore dal 01 gennaio 2013.

I Piani in corso di validità sono parte integrante di tali decreti (articolo 1).

Anagrafe avicola

- D. legislativo n. 9 del 25 gennaio 2010, in particolare gli articoli 4 e 57;
- D.M. 13 novembre 2013, recante modalità operative di funzionamento dell'anagrafe informatizzata delle aziende avicole, in attuazione dell'articolo 4, del decreto legislativo 25 gennaio 2010, n. 9.
- . D. legislativo 199/2014

Biosicurezza

- O.M. 26 agosto 2005 "Misure di polizia veterinaria in materia di malattie infettive e diffuse dei volatili da cortile" e s.m.i.

Alimenti per animali

- Piano Nazionale di sorveglianza e di vigilanza sanitaria sull'alimentazione Animale (PNAA) in corso di validità.

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?](http://www.salute.gov.it/portale/temi/p2_6.jsp?lingua=italiano&id=4233&area=sanitaAnimale&menu=malattie)

[lingua=italiano&id=4233&area=sanitaAnimale&menu=malattie](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://zoonosi.izs.it/pls/izs_zoo/zoo_gestmenu.zoo_index)

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

## Programme of eradication of *Salmonella* serotypes

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.

As far as the epidemiological situation of flocks of birds submitted to a control program according to Regulation 2160/2003/EC official data (2013) is reported below:

Breeding flocks of *Gallus gallus*: tested flocks 1287, % positive flocks for SE/ST equal to 0,16

Laying hens of *Gallus gallus*: tested flocks 2277, % positive flocks for SE/ST equal to 1,27

Broiler flocks of *Gallus gallus*: tested flocks 22267, % positive flocks for SE/ST equal to <0,01

Breeding flocks of turkeys: tested flocks 235, % positive flocks for SE/ST equal to 0

Fattening turkeys: tested flocks 4747, % positive flocks for SE/ST equal to 0,06

<http://www.efsa.europa.eu/en/efsajournal/doc/3991.pdf>

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 managed 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.

## Programme of eradication of Salmonella serotypes

*(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.

ANNEX Tables additional information.pdf

# Programme of eradication of Salmonella serotypes

## C. Targets

### 1 Targets related to flocks official monitoring

#### 1.1 Targets on laboratory tests on official samples for year :

**2016**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Breeding flocks of Turkeys	environmental sample	routine sampling	570	X
ITALY	Serotyping	Breeding flocks of Turkeys	-	-	9	X
ITALY	Antimicrobial detection test	Breeding flocks of Turkeys	animals	with repeated/confirmatory sampling	1	X
ITALY	Test for verification of the efficacy of disinfection	Breeding flocks of Turkeys	-	-	1	X
<b>Add a new row</b>						
<b>Total</b>					581	
<b>Total Antimicrobial detection test</b>					1	
<b>Total Test for verification of the efficacy of disinfection</b>					1	
<b>Total Bacteriological detection test</b>					570	
<b>Total Serotyping</b>					9	

# Programme of eradication of Salmonella serotypes

## 1.1 *Targets on laboratory tests on official samples for year :*

**2017**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Breeding flocks of Turkeys	environmental sample	routine sampling	581	X
ITALY	Serotyping	Breeding flocks of Turkeys	-	-	9	X
ITALY	Antimicrobial detection test	Breeding flocks of Turkeys	animals	with repeated/confirmatory sampling	1	X
ITALY	Test for verification of the efficacy of disinfection	Breeding flocks of Turkeys	-	-	1	X
<b>Add a new row</b>						
<b>Total</b>					592	
<b>Total Antimicrobial detection test</b>					1	
<b>Total Test for verification of the efficacy of disinfection</b>					1	
<b>Total Bacteriological detection test</b>					581	
<b>Total Serotyping</b>					9	

## 1.1 *Targets on laboratory tests on official samples for year :*

**2018**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Breeding flocks of Turkeys	environmental sample	routine sampling	629	X

## Programme of eradication of Salmonella serotypes

ITALY	Serotyping	Breeding flocks of Turkeys	-	-	9	X
ITALY	Antimicrobial detection test	Breeding flocks of Turkeys	animals	with repeated/confirmatory sampling	1	X
ITALY	Test for verification of the efficacy of disinfection	Breeding flocks of Turkeys	-	-	1	X
				<b>Add a new row</b>		
<b>Total</b>					640	
<b>Total Antimicrobial detection test</b>					1	
<b>Total Test for verification of the efficacy of disinfection</b>					1	
<b>Total Bacteriological detection test</b>					629	
<b>Total Serotyping</b>					9	

### 1.2 Targets on official sampling of flocks for year :

**2016**

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)	
ITALY	Breeding flocks	325	235	235	259	570	SE+ST	1	1	10 000	100 000	0	X
<b>Total</b>		325	235	235	259	570		1	1	10 000	100 000	0	
										<b>Add a new row</b>			



# Programme of eradication of Salmonella serotypes

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis +Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

## 1.2 Targets on official sampling of flocks for year :

**2017**

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)	
ITALY	Breeding flocks	340	240	240	264	581	SE+ST	1	1	10 000	100 000	0	X
<b>Total</b>		340	240	240	264	581		1	1	10 000	100 000	0	
										<b>Add a new row</b>			

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis +Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

# Programme of eradication of Salmonella serotypes

## 1.2 Targets on official sampling of flocks for year :

2018

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)	
ITALY	Breeding flocks	360	260	260	286	629	SE+ST	1	1	10 000	100 000	0	X
<b>Total</b>		360	260	260	286	629		1	1	10 000	100 000	0	
										<b>Add a new row</b>			

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis + Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

## 2 Targets on vaccination

### 2.1 Targets on vaccination for year :

2016

## Programme of eradication of Salmonella serotypes

NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
Targets on vaccination					
NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
ITALY	235	1	10 000	20 000	<b>X</b>
			<b>Add a new row</b>		

2.1

*Targets on vaccination for year :*

**2017**

Targets on vaccination					
NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
ITALY	240	1	10 000	20 000	<b>X</b>
			<b>Add a new row</b>		

# Programme of eradication of Salmonella serotypes

2.1 *Targets on vaccination for year :*

**2018**

		Targets on vaccination			
NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
ITALY	260	1	10 000	20 000	<b>X</b>
			<b>Add a new row</b>		

# Programme of eradication of Salmonella serotypes

## D. Detailed analysis of the cost of the programme

### 1 Costs of the planned activities for year :

**2016**

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	570	18.19	10368.3	yes	X
Cost of analysis	Serotyping	9	38.38	345.42	yes	X
Cost of analysis	Antimicrobial detection test	1	3.43	3.43	yes	X
Cost of analysis	Test for verification of the efficacy of disinfection	1	16.72	16.72	yes	X
2. Vaccination (if you ask cofinancing for purchase of vaccins, you should also fill in A.15 and E.1.d)						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
Vaccination	Purchase of vaccine doses	20 000	0.6	12000	yes	X
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	10 000	24	240,000	yes	X
Slaughter and destruction	Table eggs/hatching eggs destroyed	100 000	0.8	80000	yes	X

# Programme of eradication of Salmonella serotypes

4.Cleaning and disinfection						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
6. Cost of official sampling						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	259	23.24	6019.16	yes	<b>X</b>
				<b>Grand Total</b>		
				348,753.03		

**1** *Costs of the planned activities for year :* **2017**

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	581	18.19	10568.39	yes	<b>X</b>
Cost of analysis	Serotyping	9	38.38	345.42	yes	<b>X</b>

## Programme of eradication of Salmonella serotypes

Cost of analysis	Antimicrobial detection test	1	3.43	3.43	yes	X
Cost of analysis	Test for verification of the efficacy of disinfection	1	16.72	16.72	yes	X
2. Vaccination (if you ask cofinancing for purchase of vaccins, you should also fill in A.15 and E.1.d)						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
Vaccination	Purchase of vaccine doses	20 000	0.6	12000	yes	X
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	10 000	24	240,000	yes	X
Slaughter and destruction	Table eggs/hatching eggs destroyed	100 000	0.8	80000	yes	X
4.Cleaning and disinfection						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
6. Cost of official sampling						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	264	23.24	6135.36	yes	X

# Programme of eradication of Salmonella serotypes

		<b>Grand Total</b>	349,069.32

## 1 Costs of the planned activities for year : 2018

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	629	18.19	11441.51	yes	X
Cost of analysis	Serotyping	9	38.38	345.42	yes	X
Cost of analysis	Antimicrobial detection test	1	3.43	3.43	yes	X
Cost of analysis	Test for verification of the efficacy of disinfection	1	16.72	16.72	yes	X
2. Vaccination (if you ask cofinancing for purchase of vaccins, you should also fill in A.15 and E.1.d)						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
Vaccination	Purchase of vaccine doses	20 000	0.6	12000	yes	X
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	10 000	24	240,000	yes	X



## Programme of eradication of Salmonella serotypes

Slaughter and destruction	Table eggs/hatching eggs destroyed	100 000	0.8	80000	yes	X
<b>4.Cleaning and disinfection</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>6. Cost of official sampling</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	286	23.24	6646.64	yes	X
			<b>Grand Total</b>	350,453.72		

# Programme of eradication of Salmonella serotypes

## *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 reimbursement/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 Veterinary 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 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 tested by official public laboratories (that are located at the Istituti Zooprofilattici Sperimentali) and costs are entirely paid by the State budget.

## Programme of eradication of Salmonella serotypes

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)

Farmers buy and pay their vaccine, send the invoice to the local veterinary services which provide the reimbursement to the farmers (by the state budget) as regards the cost of the vaccine. The vaccinators are paid by the farmers.

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

Not Applicable.

## Programme of eradication of Salmonella serotypes

### 2 Co-financing rate (see provisions of applicable Work Programme)

*The maximum co-financing rate is in general fixed at 50%. However based on provisions of Article 5.2 and 5.3 of the Regulation (EU) No 652/2014, we request that the co-financing rate for the reimbursement of the eligible costs would be increased:*

Up to 75% for the measures detailed below

Up to 100% for the measures detailed below

---

### 3. Source of funding of eligible measures

All eligible measures for which cofinancing is requested and reimbursement will be claimed are financed by public funds.

*yes*

*no*

---

# Programme of eradication of Salmonella serotypes

## 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 **SEVERAL MINUTES TO UPLOAD** 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.

## List of all attachments

	Attachment name	File will be saved as (only a-z and 0-9 and -_):	File size
	6801_4267.pdf	6801_4267.pdf	45 kb
	6801_4268.pdf	6801_4268.pdf	58 kb
	6801_4269.doc	6801_4269.doc	324 kb
	6801_4270.pdf	6801_4270.pdf	691 kb
	6801_4271.pdf	6801_4271.pdf	549 kb
		Total size of attachments :	1666 kb



## Annex II : Control programme submitted for obtaining EU cofinancing - Reduction of prevalence of Salmonella serotypes

Member States seeking a financial contribution from the European Union for national programmes of eradication, control and surveillance shall submit online this application completely filled out.

In case of difficulty, please contact [SANTE-VET-PROG@ec.europa.eu](mailto:SANTE-VET-PROG@ec.europa.eu), describe the issue and mention the version of this document 2015 1.06

Your current version of Acrobat is: 11.015

Instructions to complete the form:

- 1) You need to have at least the **Adobe Reader version 8.1.3** or higher to fill and submit this form.
- 2) To verify your data entry while filling your form, you can use the "**verify form**" button at the top of each page.
- 3) When you have finished filling the form, verify that your internet connection is active, save a copy on your computer and then click on the "**submit notification**" button below. If the form is properly filled, the notification will be submitted to the EU server and a submission number will appear in the corresponding field. If you don't succeed to submit your programme following this procedure, check with your IT service that the security settings of your computer are compatible with this online submission procedure.
- 4) All programmes submitted online are kept in a central database. However only the information in the last submission is used when processing the data.
- 5) **IMPORTANT:** Once you have received the submission number, **save the form on your computer** for your records.
- 6) If the form is not properly filled in, an alert box will appear indicating the number of incorrect fields. Please check your form again, complete it and re-submit it according to steps 3). Should you still have difficulties, please contact [SANTE-VET-PROG@ec.europa.eu](mailto:SANTE-VET-PROG@ec.europa.eu).
- 7) For simplification purposes you are invited to submit **multi-annual programmes**.
- 8) As mentioned during the Plenary Task Force of 28/2/2014, you are invited to submit your programmes in **English**.

Submission Date

Thursday, October 01, 2015 15:26:26

Submission Number

1443705991329-6803

# Programme of eradication of Salmonella serotypes

## Identification of the programme

Member state : ITALIA

Disease Salmonella

This program is multi annual : yes

Type of submission : New multiannual programme

Request of Union co-financing  
from beginning of :

2016

To end of

2018

## Contact

Name : Anna Sorgente

Your job type within the CA : Ministry of Health

Phone : +39 06 59942904

Email : a.sorgente@sanita.it

## Animal population

Animal population Fattening flocks of Turkeys

# Programme of eradication of *Salmonella* serotypes

## 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.

*Comments if statement above is not entirely correct or needs further explanation (max. 32000 chars) :*

## 2. Geographical coverage of the programme

The programme will be implemented on the **whole territory** of the MS.

*Comments if statement above is not entirely correct or needs further explanation (max. 32000 chars) :*

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, anyway sampling frequency and number and type of samples may be adapted to the farms characteristics.



# Programme of eradication of *Salmonella* serotypes

## 3. Flocks subject to the programme

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

*Comments if statement above is not entirely correct or needs further explanation (max. 32000 chars) :*

The number of flocks where official sampling must be carried out are extrapolated by the data recorded in the "Banca Dati Nazionale", BDN (national data archive; last consultation on May 2015). It is assumed that all the flocks included in the program are regularly submitted to sampling by FBO and CA.

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 SV.

If the SV 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.

	Number of holdings
Total number of holdings with fattening turkeys in the MS	847
Total number of houses in these holdings	2 917
Number of holdings with more than 500 fattening turkeys	837

*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.

*Comments if statement above is not entirely correct or needs further explanation (max. 32000 chars) :*

The notification of the identification of relevant serovars to the competent authority (CA) may be done both by the FBO and the laboratory performing the analysis according to the agreement 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 be approved by the CA. Laboratory findings both resulting from FBO and official samplings must be reported through the dedicated informative system (SIS) to the CA.

# Programme of eradication of *Salmonella* serotypes

## 5. Biosecurity measures

FBOs have to implement measures to prevent the contamination of their flocks.

*Comments - Describe also the biosecurity measures that shall be applied, quote the document describing them (if any) (max. 32000 chars) :*

Veterinary Services, with a frequency determined at regional level, must verify at herd level, the correct application of biosecurity measures established by annex II of Ordinanza of the Ministry of Health August 26th 2005 and subsequent amendments (see 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.

## 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.

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 than 100 days or fall under organic turkey production according to Commission Regulation (EC) No 889/2008.

*Comments - Indicate also who takes the FBO samples and if this derogation is applied and in this case how many how many holdings and flocks are concerned.*

FBO samples are taken by trained persons identified by the operator or his/her delegate. The FBO may decide to increase the sampling 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. The agreement 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 (EU) No 1190/2012

*Comments if statement above is not entirely correct or needs further explanation (max. 32000 chars) :*

## Programme of eradication of *Salmonella* serotypes

8. When 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 (max. 32000 chars) :*

In 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 samples are 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 (max. 32000 chars) :*

In 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 samples are 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.

9. **Laboratories** in which samples (official and FBO samples) collected within this programme are analysed are accredited to ISO 17025 and the analytical methods for *Salmonella* detection is within the scope of their accreditation.

*Comments if statement above is not entirely correct or needs further explanation (max. 32000 chars) :*

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/Amd1: 2007.  
*'Microbiology of food 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/ISO 16140.

*Comments*

Private laboratories that perform *Salmonella* isolation in the framework of the national control program

## Programme of eradication of Salmonella serotypes

must undergo specific requirements which are regularly checked by the relevant authorities identified by the Ministry of Health. The list of the private laboratories is published on [www.vetinfo.sanita.it/zoonosi/piani salmonellosi](http://www.vetinfo.sanita.it/zoonosi/piani_salmonellosi).

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.

*Comments (max. 32000 chars) :*

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 1500 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 500 samples per year at national level). As regards the procedure for collecting samples, this has to be in agreement with indications reported in the annex to the Decreto Ministeriale 20 Aprile 1978 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

# Programme of eradication of Salmonella serotypes

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 are allowed to intra community trade in have to be check at least once a year; all the other farms may be checked less or 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 to satisfy 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**: EU minimum requirements are implemented i.e. official sampling are performed:

- in one flock of fattening turkeys per year on 10% of holding comprising at least 500 fattening turkeys;

Comments - Indicate also: 1)if additional official sampling going beyond EU minimum requirements is performed, give a description of what is done 2)who is taking the official samples *(max. 32000 chars) :*

Apart from the routing sampling CA takes samples also for the following reasons: when the FBO asks for the derogation from the generalized sampling rule, thus the criteria set out in (iv) must be met; when the FBO asks for an official sampling even though the holding comprises less than 5000 birds; when the CA considers this appropriate; when bacterial growth inhibitors testing is considered appropriate; when environmental samples are required after houses cleaning and disinfection. The official samples are taken by the personnel of the official veterinary services (CA).

c. **Official confirmatory sampling**:

## Programme of eradication of *Salmonella* serotypes

After positive official samples at the holding

- Always
- Sometimes (criteria apply)
- Never

After positive FBO samples at the holding

- Always
- Sometimes (criteria apply)
- Never

*Comments - Justify the confirmatory sampling strategy - Describe also the criteria (if any) quoted above (max. 32000 chars) :*

the testing scheme (official sampling) of the programme compliant with the Turkey's Regulation (500 birds)

- d. Article 2 of Regulation (EC) No 1177/2006 (**antimicrobials** shall not be used as a specific method to control *Salmonella* in poultry): please describe the official controls implemented (documentary checks, sample taking) to check the correct implementation of this provision. For samples please describe the samples taken, the analytical method used, the result of the tests.

*(max. 32000 chars) :*

In order to verify that antimicrobials have not been used as a specific method to control *Salmonella* at herd level, CA, on occasion of the official sampling, always performs documentary checks, and in case it is considered appropriate takes additional samples (5 birds per house, at least) for bacterial growth inhibitors testing.

14. Official procedure to test, after the depopulation of an infected flock, the **efficacy of the disinfection** of a poultry house.

*(max. 32000 chars) :*

After a flock infected with relevant serovars is depopulated the house where the birds were kept must be clean and disinfected under the supervision of 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

# Programme of eradication of Salmonella serotypes

analyzed in an official laboratory and in case of identification of any Salmonella serovar a new cycle of cleaning and disinfection must be performed and repeated if necessary up to a negative finding.

## 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, Dipartimento Sanità Pubblica Veterinaria, della Sicurezza Alimentare e degli Organi collegiali per la tutela della salute – DGSAF– Ufficio II, is the Central Authority. Regions and Autonomous Provinces, that operate on the territory through the local Veterinary Services (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 in the original language:

- Piani Nazionali di Controllo delle Salmonellosi negli avicoli in corso di validità
- . Decreto Legislativo n 191 del 4 aprile 2006 che attua la direttiva 2003/99/CE sulle misure di sorveglianza delle zoonosi e degli agenti zoonotici.

**NORMATIVA NAZIONALE VIGENTE IN MATERIA DI INDENNIZZI:**

. decreti ministeriali, emanati ai sensi dell'articolo 2, comma 3, della Legge 218/88:

DM 11/11/2011 per le ovaiole – in vigore dal 01 gennaio 2011

DM 04/02/2013 per i riproduttori G. gallus - in vigore dal 01 gennaio 2013

DM 04/02/2013 per i tacchini - in vigore dal 01 gennaio 2013.

I Piani in corso di validità sono parte integrante di tali decreti (articolo 1).

**Anagrafe avicola**

- D. legislativo n. 9 del 25 gennaio 2010, in particolare gli articoli 4 e 57;
- D.M. 13 novembre 2013, recante modalità operative di funzionamento dell'anagrafe informatizzata delle aziende avicole, in attuazione dell'articolo 4, del decreto legislativo 25 gennaio 2010, n. 9.

. D. legislativo 199/2014

**Biosicurezza**

- O.M. 26 agosto 2005 "Misure di polizia veterinaria in materia di malattie infettive e diffuse dei volatili da cortile" e s.m.i.

**Alimenti per animali**

- Piano Nazionale di sorveglianza e di vigilanza sanitaria sull'alimentazione Animale (PNAA) in corso di validità.

## Programme of eradication of Salmonella serotypes

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://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://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.

As far as the epidemiological situation of flocks of birds submitted to a control program according to Regulation 2160/2003/EC official data (2013) is reported below:

Breeding flocks of Gallus gallus: tested flocks 1287, % positive flocks for SE/ST equal to 0,16

Laying hens of Gallus gallus: tested flocks 2277, % positive flocks for SE/ST equal to 1,27

Broiler flocks of Gallus gallus: tested flocks 22267, % positive flocks for SE/ST equal to <0,01

Breeding flocks of turkeys: tested flocks 235, % positive flocks for SE/ST equal to 0

Fattening turkeys: tested flocks 4747, % positive flocks for SE/ST equal to 0,06

<http://www.efsa.europa.eu/en/efsajournal/doc/3991.pdf>

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 managed by 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



## Programme of eradication of Salmonella serotypes

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.

ANNEX TABLES ADDITIONAL INFORMATION pdf

# Programme of eradication of Salmonella serotypes

## C. Targets

### 1 Targets related to flocks official monitoring

#### 1.1 Targets on laboratory tests on official samples for year :

**2016**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Fattening flocks of Turkeys	environmental sample	routine sampling	440	X
ITALY	Serotyping	Fattening flocks of Turkeys	-	-	90	X
ITALY	Antimicrobial detection test	Fattening flocks of Turkeys	animals	with repeated/confirmatory sampling	5	X
ITALY	Test for verification of the efficacy of disinfection	Fattening flocks of Turkeys	-	-	60	X
					<b>Add a new row</b>	
<b>Total</b>					595	
<b>Total Antimicrobial detection test</b>					5	
<b>Total Test for verification of the efficacy of disinfection</b>					60	
<b>Total Bacteriological detection test</b>					440	
<b>Total Serotyping</b>					90	

# Programme of eradication of Salmonella serotypes

## 1.1 Targets on laboratory tests on official samples for year :

**2017**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Fattening flocks of Turkeys	environmental sample	routine sampling	510	X
ITALY	Serotyping	Fattening flocks of Turkeys	-	-	100	X
ITALY	Antimicrobial detection test	Fattening flocks of Turkeys	animals	with repeated/confirmatory sampling	8	X
ITALY	Test for verification of the efficacy of disinfection	Fattening flocks of Turkeys	-	-	70	X
<b>Add a new row</b>						
<b>Total</b>					688	
<b>Total Antimicrobial detection test</b>					8	
<b>Total Test for verification of the efficacy of disinfection</b>					70	
<b>Total Bacteriological detection test</b>					510	
<b>Total Serotyping</b>					100	

## 1.1 Targets on laboratory tests on official samples for year :

**2018**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Fattening flocks of Turkeys	environmental sample	routine sampling	500	X

## Programme of eradication of Salmonella serotypes

ITALY	Serotyping	Fattening flocks of Turkeys	-	-	130	X
ITALY	Antimicrobial detection test	Fattening flocks of Turkeys	animals	with repeated/confirmatory sampling	10	X
ITALY	Test for verification of the efficacy of disinfection	Fattening flocks of Turkeys	-	-	75	X
					<b>Add a new row</b>	
<b>Total</b>					715	
<b>Total Antimicrobial detection test</b>					10	
<b>Total Test for verification of the efficacy of disinfection</b>					75	
<b>Total Bacteriological detection test</b>					500	
<b>Total Serotyping</b>					130	

### 1.2 Targets on official sampling of flocks for year :

2016

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)	
ITALY	Fattening flocks	5 160	150	200	200	440	SE+ST	7	7	35 000	0	0	X
<b>Total</b>		5 160	150	200	200	440		7	7	35 000	0	0	
										<b>Add a new row</b>			

# Programme of eradication of Salmonella serotypes

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis +Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

## 1.2 Targets on official sampling of flocks for year :

**2017**

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)	
ITALY	Fattening flocks	5 250	170	230	230	510	SE+ST	6	6	30 000	0	0	X
<b>Total</b>		5 250	170	230	230	510		6	6	30 000	0	0	
										<b>Add a new row</b>			

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis +Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

# Programme of eradication of Salmonella serotypes

## 1.2 Targets on official sampling of flocks for year :

2018

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)	
ITALY	Fattening flocks	5 350	180	250	250	550	SE+ST	5	5	25 000	0	0	X
<b>Total</b>		5 350	180	250	250	550		5	5	25 000	0	0	
										<b>Add a new row</b>			

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis + Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

## 2 Targets on vaccination

### 2.1 Targets on vaccination for year :

2016

## Programme of eradication of Salmonella serotypes

NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered
Targets on vaccination				
NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered
			<b>Add a new row</b>	

2.1 *Targets on vaccination for year :*

**2017**

Targets on vaccination				
NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered
			<b>Add a new row</b>	

2.1 *Targets on vaccination for year :*

**2018**

Targets on vaccination				

## Programme of eradication of Salmonella serotypes

NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
			<b>Add a new row</b>		



# Programme of eradication of Salmonella serotypes

## D. Detailed analysis of the cost of the programme

### 1 Costs of the planned activities for year :

**2016**

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	440	18.19	8003.6	yes	X
Cost of analysis	Serotyping	90	38.38	3454.2	yes	X
Cost of analysis	Antimicrobial detection test	5	3.43	17.15	yes	X
Cost of analysis	Test for verification of the efficacy of disinfection	60	16.72	1003.2	yes	X
2. Vaccination						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	27 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	27 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	27 000	0	0	no	X

## Programme of eradication of Salmonella serotypes

Slaughter and destruction	Animals culled or slaughtered	35 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	35 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	35 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	35 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	35 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	35 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	35 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	35 000		0		X
Slaughter and destruction	Animals culled or slaughtered	35 000		0		X
<b>4.Cleaning and disinfection</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>6. Cost of official sampling</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	200	23.24	4648	yes	X

# Programme of eradication of Salmonella serotypes

<b>Grand Total</b>	17126.15	

## 1 Costs of the planned activities for year : 2017

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	510	18.19	9276.9	yes	<b>X</b>
Cost of analysis	Serotyping	100	38.38	3838	yes	<b>X</b>
Cost of analysis	Antimicrobial detection test	8	3.43	27.44	yes	<b>X</b>
Cost of analysis	Test for verification of the efficacy of disinfection	70	16.72	1170.4	yes	<b>X</b>
2. Vaccination						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	27 000	0	0	no	<b>X</b>
Slaughter and destruction	Animals culled or slaughtered	27 000	0	0	no	<b>X</b>
Slaughter and destruction	Animals culled or slaughtered	27 000	0	0	no	<b>X</b>

## Programme of eradication of Salmonella serotypes

Slaughter and destruction	Animals culled or slaughtered	30 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	30 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	30 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	30 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	30 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	30 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	30 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	30 000		0		X
Slaughter and destruction	Animals culled or slaughtered	30 000		0		X
<b>4.Cleaning and disinfection</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>6. Cost of official sampling</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	230	23.24	5345.2	yes	X

# Programme of eradication of Salmonella serotypes

<b>Grand Total</b>	19657.94	

## 1 *Costs of the planned activities for year :* **2018**

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	500	18.19	9095	yes	<b>X</b>
Cost of analysis	Serotyping	130	38.38	4989.4	yes	<b>X</b>
Cost of analysis	Antimicrobial detection test	10	3.43	34.3	yes	<b>X</b>
Cost of analysis	Test for verification of the efficacy of disinfection	75	16.72	1254	yes	<b>X</b>
2. Vaccination						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	25 000	0	0	no	<b>X</b>
Slaughter and destruction	Animals culled or slaughtered	25 000	0	0	no	<b>X</b>
Slaughter and destruction	Animals culled or slaughtered	25 000	0	0	no	<b>X</b>

## Programme of eradication of Salmonella serotypes

Slaughter and destruction	Animals culled or slaughtered	25 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	25 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	25 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	25 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	25 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	25 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	25 000		0		X
Slaughter and destruction	Animals culled or slaughtered	25 000		0		X
<b>4.Cleaning and disinfection</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>6. Cost of official sampling</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	250	23.24	5810	yes	X
				<b>Grand Total</b>	21182.7	

# Programme of eradication of Salmonella serotypes

## *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 reimbursement/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 Veterinary 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 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 tested by official public laboratories (that are located at the Istituti Zooprofilattici Sperimentali) and costs are entirely paid by the State

## Programme of eradication of Salmonella serotypes

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)

Not Applicable.

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)

Not Applicable.

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

Not Applicable.



## Programme of eradication of Salmonella serotypes

### 2 Co-financing rate (see provisions of applicable Work Programme)

*The maximum co-financing rate is in general fixed at 50%. However based on provisions of Article 5.2 and 5.3 of the Regulation (EU) No 652/2014, we request that the co-financing rate for the reimbursement of the eligible costs would be increased:*

Up to 75% for the measures detailed below

Up to 100% for the measures detailed below

---

### 3. Source of funding of eligible measures

All eligible measures for which cofinancing is requested and reimbursement will be claimed are financed by public funds.

*yes*

*no*

---

# Programme of eradication of Salmonella serotypes

## 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 **SEVERAL MINUTES TO UPLOAD** 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.

## List of all attachments

	Attachment name	File will be saved as (only a-z and 0-9 and -_):	File size
	6803_4272.pdf	6803_4272.pdf	45 kb
	6803_4273.pdf	6803_4273.pdf	58 kb
	6803_4274.doc	6803_4274.doc	324 kb
	6803_4275.pdf	6803_4275.pdf	691 kb
	6803_4276.pdf	6803_4276.pdf	549 kb
		Total size of attachments :	1666 kb



## Annex II : Control programme submitted for obtaining EU cofinancing - Reduction of prevalence of Salmonella serotypes

Member States seeking a financial contribution from the European Union for national programmes of eradication, control and surveillance shall submit online this application completely filled out.

In case of difficulty, please contact [SANTE-VET-PROG@ec.europa.eu](mailto:SANTE-VET-PROG@ec.europa.eu), describe the issue and mention the version of this document 2015 1.06

Your current version of Acrobat is: 11.015

Instructions to complete the form:

- 1) You need to have at least the **Adobe Reader version 8.1.3** or higher to fill and submit this form.
- 2) To verify your data entry while filling your form, you can use the "**verify form**" button at the top of each page.
- 3) When you have finished filling the form, verify that your internet connection is active, save a copy on your computer and then click on the "**submit notification**" button below. If the form is properly filled, the notification will be submitted to the EU server and a submission number will appear in the corresponding field. If you don't succeed to submit your programme following this procedure, check with your IT service that the security settings of your computer are compatible with this online submission procedure.
- 4) All programmes submitted online are kept in a central database. However only the information in the last submission is used when processing the data.
- 5) **IMPORTANT:** Once you have received the submission number, **save the form on your computer** for your records.
- 6) If the form is not properly filled in, an alert box will appear indicating the number of incorrect fields. Please check your form again, complete it and re-submit it according to steps 3). Should you still have difficulties, please contact [SANTE-VET-PROG@ec.europa.eu](mailto:SANTE-VET-PROG@ec.europa.eu).
- 7) For simplification purposes you are invited to submit **multi-annual programmes**.
- 8) As mentioned during the Plenary Task Force of 28/2/2014, you are invited to submit your programmes in **English**.

Submission Date

Thursday, October 01, 2015 15:06:23

Submission Number

1443704787206-6797

# Programme of eradication of Salmonella serotypes

## Identification of the programme

Member state : ITALIA

Disease Salmonella

This program is multi annual : yes

Type of submission : New multiannual programme

Request of Union co-financing  
from beginning of :

2016

To end of

2018

## Contact

Name : Anna Sorgente

Your job type within the CA : Ministry of Health

Phone : +39 06 59942904

Email : a.sorgente@sanita.it

## Animal population

Animal population Laying flocks of Gallus gallus

# Programme of eradication of *Salmonella* serotypes

## 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 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 (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. Aim of the programme

It is to implement all relevant measures in order to reduce the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium (including the serotypes with the antigenic formula 1,4,[5],12:i:-) in adult laying hens of *Gallus gallus* ('Union target') as follows:

An annual minimum percentage of reduction of positive flocks of adult laying hens equal to at least 10% where the prevalence in the preceding year was less than 10%.

An annual minimum percentage of reduction of positive flocks of adult laying hens equal to at least 20% where the prevalence in the preceding year was more than or equal to 10% and less than 20%.

A reduction of the maximum percentage equal to 2% or less of positive flocks of adult laying hens.

The Member States has less than 50 flocks of adult laying hens:  
 the target is to have not more than one adult flock remaining positive.

The Union target shall be achieved every year based on the monitoring of the previous year.

# Programme of eradication of Salmonella serotypes

Comments(max. 32000 chars) :

2. The programme will be implemented on the **whole territory** of the MS.

Comments (max. 32000 chars) :

## 3. Flocks subject to the programme

The programme covers all flocks of adult laying hens of *Gallus gallus* but does not apply to flocks for private domestic use or leading to the direct supply, by the producer, of small quantities of table eggs to the final consumer or to local retail establishments directly supplying the eggs to the final consumer.

For the latter case (direct supply), national rules are adopted ensuring *Salmonella* control in these flocks.

The programme covers also all rearing flocks of future laying hens.

Comments (max. 32000 chars) :

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, anyway sampling frequency and number and type of samples may be adapted to the farms characteristics.

	Total number of flocks of layers in the MS	Number of flocks covered by the programme	Number of flocks where FBO sampling shall take place	Number of flocks where official sampling will take place
Rearing flocks	856		856	20
Adult flocks	2 781	2 781	2 781	1 400

## Programme of eradication of *Salmonella* serotypes

Number of holdings with more than 1,000 laying hens	1 400
Number of flocks in these holdings	3 221
<i>NB : All cells shall be filled in with the best estimation available.</i>	

*Comments (max. 32000 chars) :*

The number of flocks where official sampling must be carried out are extrapolated by the data recorded in the "Banca Dati Nazionale", BDN (national data archive; last consultation on May 2015). It is assumed that all the flocks included in the program are regularly submitted to sampling by FBO and CA. In the case of rearing flocks, even though sampling by CA is not mandatory, it is reasonable to suppose that some of them will be submitted to sampling because of deemed appropriate.

### 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 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 food business operator and the laboratory performing the analyses.

*Comments (max. 32000 chars) :*

The notification of the identification of relevant serovars to the competent authority (CA) may be done both by the FBO and the laboratory performing the analysis according to the agreement 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 be approved by the CA. Laboratory findings both resulting from FBO and official samplings must be reported through the dedicated informative system (SIS) to the CA.

### 5. Biosecurity measures

FBOs have to implement measures to prevent the contamination of their flocks.

*Comments - Describe also the biosecurity measures that shall be applied, quote the document describing them (if any) (max. 32000 chars) :*

Veterinary Services, with a frequency determined at regional level, must verify at herd level, the correct application of biosecurity measures established by annex II of Ordinanza of the Ministry of Health August 26th 2005 and subsequent amendments (see 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.

# Programme of eradication of *Salmonella* serotypes

## 6. Minimum sampling requirements for food business operators (FBO):

Samples at the initiative of the FBOs will be taken and analysed to test for the target *Salmonella* serovars respecting the following minimum sampling requirements:

- a. Rearing flocks: day-old chicks, two weeks before moving to laying phase or laying unit
- b. Adults laying flocks: every 15 weeks during the laying period

*Comments - Indicate also who takes the FBO samples, and, if additional FBO sampling, going beyond the minimum sampling requirements, is performed, please describe what is done.*

FBO samples are taken by trained persons identified by the FBO or his/her delegate. The FBO may decide to increase the sampling 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.

## 7. Samples are taken in accordance with provisions of point 2.2 of Annex to Regulation (EU) No 517/2011

*Comments (max. 32000 chars) :*

## 8. Specific requirements laid down in Annex II.D of Regulation (EC) No 2160/2003 will be complied with where relevant. In particular:

- due to the presence or the suspicion of the presence of SE or ST (including monophasic ST I,4,[5],12:i:-) in the flock, eggs cannot be used for human consumption unless heat treated;
- eggs from these flocks shall be marked and considered as class B eggs.

*Comments - Indicate also if prompt depopulation of the infected flocks is compulsory (max. 32000 chars) :*

A prompt depopulation of the infected flocks is not compulsory. The infected flocks may be kept until the end of the producing cycle but eggs must be treated as described above and sanitary measures must be applied in order to avoid infection dissemination.



## Programme of eradication of *Salmonella* serotypes

9. 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 (max. 32000 chars) :*

In 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 samples are 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 (max. 32000 chars) :*

In 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 samples are 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.

- 10. Laboratories** in which samples (official and FBO samples) collected within this programme are analysed are accredited to ISO 17025 standard and the analytical methods for *Salmonella* detection is within the scope of their accreditation.

*Comments (max. 32000 chars) :*

11. 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 517/2011 i.e. Amendment 1 of EN/ISO 6579-2002/Amd1:2007. '*Microbiology of food 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 Kaufman-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/ISO16140.

## Programme of eradication of Salmonella serotypes

*Comments (max. 32000 chars) :*

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. The list of the private laboratories is published on [www.vetinfo.sanita.it/zoonosi/piani salmonellosi](http://www.vetinfo.sanita.it/zoonosi/piani_salmonellosi).

12. Samples are transported and stored in accordance with point 3.1 of the Annex to Regulation (EU) No 517/2011. In particular, samples examination shall start in the laboratory within 4 days after sampling.

*Comments (max. 32000 chars) :*

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.

13. 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 1500 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 500 samples per year at national level). As regards the procedure for collecting samples, this has to be in agreement with indications reported in the annex to the Decreto Ministeriale 20 Aprile 1978 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).

## Programme of eradication of Salmonella serotypes

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.

### 14. Official controls at holding, flock and hatchery 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 are allowed to intra community trade in have to be check at least once a year; all the other farms may be checked less or 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 to satisfy 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.

## Programme of eradication of Salmonella serotypes

b. Routine official **sampling scheme**: EU minimum requirements are implemented i.e. official sampling are performed:

- in one flock per year per holding comprising at least 1,000 birds;
- at the age of 24 +/- 2 weeks in laying flocks housed in buildings where the relevant Salmonella was detected in the preceding flock;
- in any case of suspicion of Salmonella infection when investigating food-borne outbreaks in accordance with Article 8 of Directive 2003/99/EC or any cases where the competent authority considers it appropriate, using the sampling protocol laid down in point 4(b) of Part D to Annex II to Regulation (EC) No 2160/2003;
- in all other laying flocks on the holding in case Salmonella Enteritidis or Salmonella Typhimurium is detected in one laying flock on the holding;
- in cases where the competent authority considers it appropriate.

*Comments - Indicate also 1)if additional official sampling going beyond EU minimum requirements is performed give a description of what is done 2)who is taking the official samples*

Apart from the routing sampling CA takes samples also for the following reasons: when the CA needs to confirm a positive/negative finding (in exceptional circumstances); when bacterial growth inhibitors testing is considered appropriate; when environmental samples are required after houses cleaning and disinfection. The official samples are taken by the personnel of the official veterinary services (CA).

### c. Official confirmatory sampling:

After positive official samples at the holding

- Always
- Sometimes (criteria apply)
- Never

After positive FBO samples at the holding

- Always
- Sometimes (criteria apply)
- Never

# Programme of eradication of *Salmonella* serotypes

Comments - Describe also the criteria (if any) quoted above (max. 32000 chars) :

An additional sampling in exceptional circumstances is carried out whenever the competent authority has doubts regarding the results of the preceding sampling (both after positive or negative FBO/official findings). A detailed description of the epidemiological situation of the farm and of the reasons behind the request of this additional sampling must be reported to the Ministry of Health that has the duty to give the final authorization. In this case samples must be analysed by the National Reference Laboratory, moreover the CA must take samples to be tested for bacterial growth inhibitors (at least 5 birds per house) that have to be analyzed by an official laboratory.

- d. Article 2 of Regulation (EC) No 1177/2006 (**antimicrobials** shall not be used as a specific method to control *Salmonella* in poultry): please describe the official controls implemented (documentary checks, sampletaking) to check the correct implementation of this provision. For samples please describe the samples taken, the analytical method used, the result of the tests.

Comments - Describe also if any other measures are implemented (max. 32000 chars) :

In order to verify that antimicrobials have not been used as a specific method to control *Salmonella* at herd level, CA, on occasion of the official sampling, always performs documentary checks, and in case it is considered appropriate takes additional samples (5 birds per house, at least) for bacterial growth inhibitors testing.

Bacterial growth inhibitors testing is mandatory in case of confirmatory sampling (both in case of exceptional circumstances and in case of confirmatory sampling at the holding because of positive finding for relevant serovar at the hatchery) , which is carried out at herd level. In this case at least 5 birds per house are taken and testing is performed in an official laboratory that uses its own method.

## 15. *Salmonella* vaccination

Voluntary

Compulsory

Forbidden

Use of *Salmonella* vaccines is in compliance with provisions of Article 3 of Regulation (EC) No 1177/2006.

Comments - If performed please describe the vaccination scheme (vaccines used, vaccines providers, target flocks, number of doses administered per bird, etc) (max. 32000 chars) :

The vaccination is compulsory only for a new flock that is housed where the birds of the preceding flocks, infected with SE/ST, were kept.

## Programme of eradication of Salmonella serotypes

The vaccine must be effective towards the relevant serovar isolated from the birds.  
Live salmonella vaccines shall not be used in the framework of national control programmes where the manufacturer does not provide an appropriate method to distinguish bacteriologically wild-type strains of salmonella from vaccine strains.  
Only the use of approved vaccines is allowed. The vaccination scheme is chosen by the veterinarian responsible for the farm according to the indications of the producer.

16. System for **compensation to owners** for the value of their birds slaughtered or culled and the eggs destroyed or heat treated.

*Describe the system for compensation to owners. Indicate also how improper implementation of biosecurity measures can affect the payment of compensation (max. 32000 chars) :*

The compensation to owners procedure is established by the national relevant legislation; expenses that are included are in agreement with what is foreseen by European Commission as regards co-funded programmes. Compensation is provided only if the control plan has been correctly implemented and the results notified to the CA. The relevant national legislation is reported in the chapter "legal basis".

The local CAs may ask for the reimbursement of the expenses for vaccination of birds whenever vaccination is compulsory.

The expenses, in order to be object of compensation, must be correctly recorded according to the national procedure. The document in which the expenses are recorded is available and kept at local level (Regional Competent Authority).

17. Official procedure to test, after the depopulation of an infected flock, the **efficacy of the disinfection** of a poultry house.

*(max. 32000 chars) :*

After a flock infected with relevant serovars is depopulated the house where the birds were kept must be clean and disinfected under the supervision of 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 Salmonella serovar a new cycle of cleaning and disinfection must be performed and repeated if necessary up to a negative finding.

## B. General information

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

# Programme of eradication of Salmonella serotypes

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

The Ministry of Health, Dipartimento Sanità Pubblica Veterinaria, della Sicurezza Alimentare e degli Organi collegiali per la tutela della salute – DGSAF– Ufficio II, is the Central Authority. Regions and Autonomous Provinces, that operate on the territory through the local Veterinary Services (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 in the original language:

- Piani Nazionali di Controllo delle Salmonellosi negli avicoli in corso di validità
- . Decreto Legislativo n 191 del 4 aprile 2006 che attua la direttiva 2003/99/CE sulle misure di sorveglianza delle zoonosi e degli agenti zoonotici.

NORMATIVA NAZIONALE VIGENTE IN MATERIA DI INDENNIZZI:

- . decreti ministeriali, emanati ai sensi dell'articolo 2, comma 3, della Legge 218/88:

- DM 11/11/2011 per le ovaiole – in vigore dal 01 gennaio 2011

- DM 04/02/2013 per i riproduttori G. gallus - in vigore dal 01 gennaio 2013

- DM 04/02/2013 per i tacchini - in vigore dal 01 gennaio 2013.

I Piani in corso di validità sono parte integrante di tali decreti (articolo 1).

Anagrafe avicola

- D. legislativo n. 9 del 25 gennaio 2010, in particolare gli articoli 4 e 57;
- D.M. 13 novembre 2013, recante modalità operative di funzionamento dell'anagrafe informatizzata delle aziende avicole, in attuazione dell'articolo 4, del decreto legislativo 25 gennaio 2010, n. 9.

- . D. legislativo 199/2014

Biosicurezza

- O.M. 26 agosto 2005 "Misure di polizia veterinaria in materia di malattie infettive e diffuse dei volatili da cortile" e s.m.i.

Alimenti per animali

- Piano Nazionale di sorveglianza e di vigilanza sanitaria sull'alimentazione Animale (PNAA) in corso di validità.

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?](http://www.salute.gov.it/portale/temi/p2_6.jsp?lingua=italiano&id=4233&area=sanitaAnimale&menu=malattie)

[lingua=italiano&id=4233&area=sanitaAnimale&menu=malattie](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://zoonosi.izs.it/pls/izs_zoo/zoo_gestmenu.zoo_index)

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

## Programme of eradication of *Salmonella* serotypes

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.

As far as the epidemiological situation of flocks of birds submitted to a control program according to Regulation 2160/2003/EC official data (2013) is reported below:

Breeding flocks of *Gallus gallus*: tested flocks 1287, % positive flocks for SE/ST equal to 0,16

Laying hens of *Gallus gallus*: tested flocks 2277, % positive flocks for SE/ST equal to 1,27

Broiler flocks of *Gallus gallus*: tested flocks 22267, % positive flocks for SE/ST equal to <0,01

Breeding flocks of turkeys: tested flocks 235, % positive flocks for SE/ST equal to 0

Fattening turkeys: tested flocks 4747, % positive flocks for SE/ST equal to 0,06

<http://www.efsa.europa.eu/en/efsajournal/doc/3991.pdf>

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 managed 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.



## Programme of eradication of Salmonella serotypes

*(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.

ANNEX TABLES ADDITIONAL INFORMATION

# Programme of eradication of Salmonella serotypes

## C. Targets

### 1 Targets related to flocks official monitoring

#### 1.1 Targets on laboratory tests on official samples for year :

**2016**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Laying flocks of Gallus gallus	environmental sample	routine sampling	5 082	X
ITALY	Serotyping	Laying flocks of Gallus gallus	-	-	250	X
ITALY	Antimicrobial detection test	Laying flocks of Gallus gallus	animals	with repeated/confirmatory sampling	60	X
ITALY	Test for verification of the efficacy of disinfection	Laying flocks of Gallus gallus	-	-	100	X
<b>Add a new row</b>						
<b>Total</b>					5 492	
<b>Total Antimicrobial detection test</b>					60	
<b>Total Test for verification of the efficacy of disinfection</b>					100	
<b>Total Bacteriological detection test</b>					5 082	
<b>Total Serotyping</b>					250	

# Programme of eradication of Salmonella serotypes

## 1.1 *Targets on laboratory tests on official samples for year :*

**2017**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Laying flocks of Gallus gallus	environmental sample	routine sampling	5 500	X
ITALY	Serotyping	Laying flocks of Gallus gallus	-	-	250	X
ITALY	Antimicrobial detection test	Laying flocks of Gallus gallus	animals	with repeated/confirmatory sampling	60	X
ITALY	Test for verification of the efficacy of disinfection	Laying flocks of Gallus gallus	-	-	100	X
<b>Add a new row</b>						
<b>Total</b>					5 910	
<b>Total Antimicrobial detection test</b>					60	
<b>Total Test for verification of the efficacy of disinfection</b>					100	
<b>Total Bacteriological detection test</b>					5 500	
<b>Total Serotyping</b>					250	

## 1.1 *Targets on laboratory tests on official samples for year :*

**2018**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Laying flocks of Gallus gallus	environmental sample	routine sampling	5 610	X

## Programme of eradication of Salmonella serotypes

ITALY	Serotyping	Laying flocks of Gallus gallus	-	-	250	X
ITALY	Antimicrobial detection test	Laying flocks of Gallus gallus	animals	with repeated/confirmatory sampling	60	X
ITALY	Test for verification of the efficacy of disinfection	Laying flocks of Gallus gallus	-	-	100	X
					<b>Add a new row</b>	
					<b>Total</b>	6 020
					<b>Total Antimicrobial detection test</b>	60
					<b>Total Test for verification of the efficacy of disinfection</b>	100
					<b>Total Bacteriological detection test</b>	5 610
					<b>Total Serotyping</b>	250

### 1.2 Targets on official sampling of flocks for year :

2016

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)
ITALY	Laying flocks of	3 637	2 781	1 400	1 540	5 082	SE+ST	33	25	330 000	500 000	500 000
<b>Total</b>		3 637	2 781	1 400	1 540	5 082		33	25	330 000	500 000	500 000
										<b>Add a new row</b>		

# Programme of eradication of Salmonella serotypes

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis +Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

## 1.2 Targets on official sampling of flocks for year :

**2017**

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)	
ITALY	Laying flocks of	3 800	3 000	1 500	1 650	5 500	SE+ST	30	23	310 000	480 000	480 000	X
<b>Total</b>		3 800	3 000	1 500	1 650	5 500		30	23	310 000	480 000	480000	
										<b>Add a new row</b>			

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis +Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

# Programme of eradication of Salmonella serotypes

## 1.2 Targets on official sampling of flocks for year :

2018

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)	
ITALY	Laying flocks of	3 900	3 100	1 600	1 700	5 610	SE+ST	28	21	280 000	460 000	460 000	X
<b>Total</b>		3 900	3 100	1 600	1 700	5 610		28	21	280 000	460 000	460000	
										<b>Add a new row</b>			

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis + Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

## 2 Targets on vaccination

### 2.1 Targets on vaccination for year :

2016

## Programme of eradication of Salmonella serotypes

NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
Targets on vaccination					
NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
ITALY	2 781	25	330 000	660 000	X
			<b>Add a new row</b>		

### 2.1

*Targets on vaccination for year :*

**2017**

Targets on vaccination					
NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
ITALY	3 000	23	300 000	600 000	X
NA	0	0	0	0	X
			<b>Add a new row</b>		

# Programme of eradication of Salmonella serotypes

2.1 *Targets on vaccination for year :*

**2018**

		Targets on vaccination			
NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
ITALY	3 100	21	280 000	560 000	<b>X</b>
			<b>Add a new row</b>		



# Programme of eradication of Salmonella serotypes

## D. Detailed analysis of the cost of the programme

### 1 Costs of the planned activities for year :

**2016**

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	5 082	18.19	92441.58	yes	X
Cost of analysis	Serotyping	250	38.38	9595	yes	X
Cost of analysis	Antimicrobial detection test	60	3.43	205.8	yes	X
Cost of analysis	Test for verification of the efficacy of disinfection	100	16.72	1672	yes	X
2. Vaccination (if you ask cofinancing for purchase of vaccins, you should also fill in A.15 and E.1.d)						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
Vaccination	Purchase of vaccine doses	660 000	0.1	66000	yes	X
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	330 000	4.4	1,452,000	yes	X
Slaughter and destruction	Table eggs/hatching eggs destroyed	500 000	0.08	40000	yes	X

## Programme of eradication of Salmonella serotypes

Slaughter and destruction	Heat treated hatching eggs	500 000	0	0	no	X
<b>4.Cleaning and disinfection</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>6. Cost of official sampling</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	1 540	23.24	35789.6	yes	X
				<b>Grand Total</b>		
				1,697,703.98		

**1** *Costs of the planned activities for year :* **2017**

<b>1. Testing of official samples</b>						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	5 500	18.19	100,045	yes	X

## Programme of eradication of Salmonella serotypes

Cost of analysis	Serotyping	250	38.38	9595	yes	X
Cost of analysis	Antimicrobial detection test	60	3.43	205.8	yes	X
Cost of analysis	Test for verification of the efficacy of disinfection	100	16.72	1672	yes	X
2. Vaccination (if you ask cofinancing for purchase of vaccins, you should also fill in A.15 and E.1.d)						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
Vaccination	Purchase of vaccine doses	600 000	0.1	60000	yes	X
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	310 000	4.4	1,364,000	yes	X
Slaughter and destruction	Table eggs/hatching eggs destroyed	480 000	0.08	38400	yes	X
Slaughter and destruction	Heat treated hatching eggs	480 000	0	0	no	X
4. Cleaning and disinfection						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
5. Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
6. Cost of official sampling						

## Programme of eradication of Salmonella serotypes

Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	1 650	23.24	38346	yes	<b>X</b>
				<b>Grand Total</b>	1,612,263.8	

### 1 *Costs of the planned activities for year :*

**2018**

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	5 610	18.19	102,045.9	yes	<b>X</b>
Cost of analysis	Serotyping	250	38.38	9595	yes	<b>X</b>
Cost of analysis	Antimicrobial detection test	60	3.43	205.8	yes	<b>X</b>
Cost of analysis	Test for verification of the efficacy of disinfection	100	16.72	1672	yes	<b>X</b>
2. Vaccination (if you ask cofinancing for purchase of vaccins, you should also fill in A.15 and E.1.d)						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
Vaccination	Purchase of vaccine doses	560 000	0.1	56000	yes	<b>X</b>
3. Slaughter and destruction (without any salaries)						

## Programme of eradication of Salmonella serotypes

Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	280 000	4.4	1,232,000	yes	X
Slaughter and destruction	Table eggs/hatching eggs destroyed	460 000	0.08	36800	yes	X
Slaughter and destruction	Heat treated hatching eggs	460 000	0	0	no	X
<b>4.Cleaning and disinfection</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>6. Cost of official sampling</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	1 700	23.24	39508	yes	X
			<b>Grand Total</b>	1,477,826.7		

# Programme of eradication of Salmonella serotypes

## *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 reimbursement/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 Veterinary 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 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 tested by official public laboratories (that are located at the Istituti Zooprofilattici Sperimentali) and costs are entirely paid by the State budget.

## Programme of eradication of Salmonella serotypes

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)

farmers buy and pay their vaccine, send the invoice to the local veterinary services which provide the reimbursement to the farmers (by the state budget) as regards the cost of the vaccine. The vaccinators are paid by the farmers.

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

Not Applicable.

## Programme of eradication of Salmonella serotypes

### 2 Co-financing rate (see provisions of applicable Work Programme)

*The maximum co-financing rate is in general fixed at 50%. However based on provisions of Article 5.2 and 5.3 of the Regulation (EU) No 652/2014, we request that the co-financing rate for the reimbursement of the eligible costs would be increased:*

Up to 75% for the measures detailed below

Up to 100% for the measures detailed below

---

### 3. Source of funding of eligible measures

All eligible measures for which cofinancing is requested and reimbursement will be claimed are financed by public funds.

*yes*

*no*

---



# Programme of eradication of Salmonella serotypes

## 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 **SEVERAL MINUTES TO UPLOAD** 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.

## List of all attachments

	Attachment name	File will be saved as (only a-z and 0-9 and -_):	File size
	6797_4257.pdf	6797_4257.pdf	45 kb
	6797_4258.pdf	6797_4258.pdf	58 kb
	6797_4259.doc	6797_4259.doc	324 kb
	6797_4260.pdf	6797_4260.pdf	691 kb
	6797_4261.pdf	6797_4261.pdf	549 kb
		Total size of attachments :	1666 kb



## Annex II : Control programme submitted for obtaining EU cofinancing - Reduction of prevalence of Salmonella serotypes

Member States seeking a financial contribution from the European Union for national programmes of eradication, control and surveillance shall submit online this application completely filled out.

In case of difficulty, please contact [SANTE-VET-PROG@ec.europa.eu](mailto:SANTE-VET-PROG@ec.europa.eu), describe the issue and mention the version of this document 2015 1.06

Your current version of Acrobat is: 11.015

Instructions to complete the form:

- 1) You need to have at least the **Adobe Reader version 8.1.3** or higher to fill and submit this form.
- 2) To verify your data entry while filling your form, you can use the "**verify form**" button at the top of each page.
- 3) When you have finished filling the form, verify that your internet connection is active, save a copy on your computer and then click on the "**submit notification**" button below. If the form is properly filled, the notification will be submitted to the EU server and a submission number will appear in the corresponding field. If you don't succeed to submit your programme following this procedure, check with your IT service that the security settings of your computer are compatible with this online submission procedure.
- 4) All programmes submitted online are kept in a central database. However only the information in the last submission is used when processing the data.
- 5) **IMPORTANT:** Once you have received the submission number, **save the form on your computer** for your records.
- 6) If the form is not properly filled in, an alert box will appear indicating the number of incorrect fields. Please check your form again, complete it and re-submit it according to steps 3). Should you still have difficulties, please contact [SANTE-VET-PROG@ec.europa.eu](mailto:SANTE-VET-PROG@ec.europa.eu).
- 7) For simplification purposes you are invited to submit **multi-annual programmes**.
- 8) As mentioned during the Plenary Task Force of 28/2/2014, you are invited to submit your programmes in **English**.

Submission Date

Thursday, October 01, 2015 15:13:25

Submission Number

1443705210861-6799

# Programme of eradication of Salmonella serotypes

## Identification of the programme

Member state : ITALIA

Disease Salmonella

This program is multi annual : yes

Type of submission : New multiannual programme

Request of Union co-financing  
from beginning of :

2016

To end of

2018

## Contact

Name : Anna Sorgente

Your job type within the CA : Ministry of Health

Phone : +39 06 59942904

Email : a.sorgente@sanita.it

## Animal population

Animal population Broiler flocks of Gallus gallus

# Programme of eradication of *Salmonella* serotypes

## 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 200/2012 concerning a Union target for the reduction of *Salmonella enteritidis* and *Salmonella Typhimurium* in flocks of broilers,
- 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 *broilers* 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.

Comments(max. 32000 chars) :

## 2. Geographical coverage of the programme

The programme will be implemented on the **whole territory** of the MS.

Comments (max. 32000 chars) :

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, anyway sampling frequency and number and type of samples may be adapted to the farms characteristics.

## 3. Flocks subject to the programme

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

# Programme of eradication of *Salmonella* serotypes

*Comments (max. 32000 chars) :*

The number of flocks where official sampling must be carried out are extrapolated by the data recorded in the "Banca Dati Nazionale", BDN (national data archive; last consultation on May 2015). It is assumed that all the flocks included in the program are regularly submitted to sampling by FBO and CA.

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 SV.

If the SV 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.

	Number of holdings
Total number of holdings with broilers in the MS	2 841
Total number of houses in these holdings	7 225
Number of holdings with more than 5,000 broilers	2460
<i>NB : All cells shall be filled in with the best estimation available.</i>	

## 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.

*Comments (max. 32000 chars) :*

The notification of the identification of relevant serovars to the competent authority (CA) may be done both by the FBO and the laboratory performing the analysis according to the agreement 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 be approved by the CA. Laboratory findings both resulting from FBO and official samplings must be reported through the dedicated informative system (SIS) to the CA.

## 5. Biosecurity measures

FBOs have to implement measures to prevent the contamination of their flocks.

Comments - Describe also the biosecurity measures that shall be applied, quote the document describing them (if any) and attach a copy

# Programme of eradication of *Salmonella* serotypes

*Comments - Describe also the biosecurity measures that shall be applied, quote the document describing them (if any) (max. 32000 chars) :*

Veterinary Services, with a frequency determined at regional level, must verify at herd level, the correct application of biosecurity measures established by annex II of Ordinanza of the Ministry of Health August 26th 2005 and subsequent amendments (see 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.

## 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 broilers within three weeks before slaughter.

*Comments - Indicate also who takes the FBO samples*

FBO samples are taken by trained persons identified by the FBO or his/her delegate. The FBO may decide to increase the sampling 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.

The CA accepts to derogate from this sampling rule and instead of this the FBOs shall sample at least one flock of broilers per round on holdings with more than one flock where:

- (i) an all in / all out system is used in all flocks of the holding;
- (ii) the same management applies to all flocks;
- (iii) feed and water supply is common to all flocks;
- (iv) during at least the last six rounds, tests for *Salmonella* spp. according to the sampling scheme set out in the first subparagraph in all flocks on the holding and samples of all flocks of at least one round were carried out by the competent authority;
- (v) all results from the testing according to the first subparagraph and point (b) for SE or ST were negative.

*Comments - Indicate if the derogation is applied and in this case how many holdings and flocks are concerned*

FBOs are allowed to ask for derogation to the CA at local level. CA evaluates if all the criteria are met and decides whether to accept or not the request.

A procedure will be put in place starting from 2016 in order to record at national level holdings with derogation approved by CA.

## Programme of eradication of Salmonella serotypes

The CA accepts to derogate from the general sampling rule and authorises FBO sampling in the last six weeks prior to the date of slaughter in case the broilers are either kept more than 81 days or fall under organic broiler production according to Commission Regulation (EC) No 889/2008.

*Comments - Indicate if the derogation is applied and in this case how many holdings and flocks are concerned*

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. The agreement 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 (EU) No 200/2012

*Comments (max. 32000 chars) :*

### 8. When 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 (max. 32000 chars) :*

In 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 samples are 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 (max. 32000 chars) :*

In 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 samples are 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.

## Programme of eradication of *Salmonella* serotypes

9. **Laboratories** in which samples (official and FBO samples) collected within this programme are analysed are accredited to ISO 17025 and the analytical methods for *Salmonella* detection is within the scope of their accreditation.

Comments (max. 32000 chars) :

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 of food 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/ISO 16140.

Comments

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. The list of the private laboratories is published on [www.vetinfo.sanita.it/zoonosi/piani salmonellosi](http://www.vetinfo.sanita.it/zoonosi/piani-salmonellosi).

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.

Comments (max. 32000 chars) :

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).



# Programme of eradication of Salmonella serotypes

*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 1500 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 500 samples per year at national level). As regards the procedure for collecting samples, this has to be in agreement with indications reported in the annex to the Decreto Ministeriale 20 Aprile 1978 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 are allowed to intra community trade in have to be check at least once a year; all the other farms may be checked less or 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 to satisfy the requests.

## Programme of eradication of Salmonella serotypes

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**: EU minimum requirements are implemented i.e. official sampling are performed:

- in one flock of broilers per year on 10% of holding comprising at least 5,000 birds;

Comments - Indicate also: 1) if additional official sampling going beyond EU minimum requirements is performed give a description of what is done 2) who is taking the official samples (max. 32000 chars) :

Apart from the routing sampling CA takes samples also for the following reasons: when the FBO asks for the derogation from the generalized sampling rule, thus the criteria set out in (iv) must be met; when the FBO asks for an official sampling even though the holding comprises less than 5000 birds; when the CA considers this appropriate; when bacterial growth inhibitors testing is considered appropriate; when environmental samples are required after houses cleaning and disinfection. The official samples are taken by the personnel of the official veterinary services (CA).

c. **Official confirmatory sampling**:

After positive official samples at the holding

- Always
- Sometimes (criteria apply)
- Never

After positive FBO samples at the holding

- Always
- Sometimes (criteria apply)
- Never

Comments - Justify the confirmatory sampling strategy - Describe also the criteria (if any) quoted above (max. 32000 chars) :

Not applicable

## Programme of eradication of *Salmonella* serotypes

- d. Article 2 of Regulation (EC) No 1177/2006 (**antimicrobials** shall not be used as a specific method to control *Salmonella* in poultry): please describe the official controls implemented (documentary checks, sample taking) to check the correct implementation of this provision. For samples please describe the samples taken, the analytical method used, the result of the tests.

*(max. 32000 chars) :*

In order to verify that antimicrobials have not been used as a specific method to control *Salmonella* at herd level, CA, on occasion of the official sampling, always performs documentary checks, and in case it is considered appropriate takes additional samples (5 birds per house, at least) for bacterial growth inhibitors testing.

14. Official procedure to test, after the depopulation of an infected flock, the **efficacy of the disinfection** of a poultry house.

*(max. 32000 chars) :*

After a flock infected with relevant serovars is depopulated the house where the birds were kept must be clean and disinfected under the supervision of 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 *Salmonella* serovar a new cycle of cleaning and disinfection must be performed and repeated if necessary up to a negative finding.

### *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, Dipartimento Sanità Pubblica Veterinaria, della Sicurezza Alimentare e degli Organi collegiali per la tutela della salute – DGSAF– Ufficio II, is the Central Authority. Regions and Autonomous Provinces, that operate on the territory through the local Veterinary Services (VS) are the Local Authorities (LA).

# Programme of eradication of *Salmonella* serotypes

## 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 in the original language:

- Piani Nazionali di Controllo delle Salmonellosi negli avicoli in corso di validità
- . Decreto Legislativo n 191 del 4 aprile 2006 che attua la direttiva 2003/99/CE sulle misure di sorveglianza delle zoonosi e degli agenti zoonotici.

NORMATIVA NAZIONALE VIGENTE IN MATERIA DI INDENNIZZI:

- . decreti ministeriali, emanati ai sensi dell'articolo 2, comma 3, della Legge 218/88:

DM 11/11/2011 per le ovaiole – in vigore dal 01 gennaio 2011

DM 04/02/2013 per i riproduttori *G. gallus* - in vigore dal 01 gennaio 2013

DM 04/02/2013 per i tacchini - in vigore dal 01 gennaio 2013.

I Piani in corso di validità sono parte integrante di tali decreti (articolo 1).

Anagrafe avicola

- D. legislativo n. 9 del 25 gennaio 2010, in particolare gli articoli 4 e 57;
- D.M. 13 novembre 2013, recante modalità operative di funzionamento dell'anagrafe informatizzata delle aziende avicole, in attuazione dell'articolo 4, del decreto legislativo 25 gennaio 2010, n. 9.

. D. legislativo 199/2014

Biosicurezza

- O.M. 26 agosto 2005 "Misure di polizia veterinaria in materia di malattie infettive e diffuse dei volatili da cortile" e s.m.i.

Alimenti per animali

- Piano Nazionale di sorveglianza e di vigilanza sanitaria sull'alimentazione Animale (PNAA) in corso di validità.

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?](http://www.salute.gov.it/portale/temi/p2_6.jsp?lingua=italiano&id=4233&area=sanitaAnimale&menu=malattie)

[lingua=italiano&id=4233&area=sanitaAnimale&menu=malattie](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://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

## Programme of eradication of Salmonella serotypes

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.

As far as the epidemiological situation of flocks of birds submitted to a control program according to Regulation 2160/2003/EC official data (2013) is reported below:

Breeding flocks of Gallus gallus: tested flocks 1287, % positive flocks for SE/ST equal to 0,16

Laying hens of Gallus gallus: tested flocks 2277, % positive flocks for SE/ST equal to 1,27

Broiler flocks of Gallus gallus: tested flocks 22267, % positive flocks for SE/ST equal to <0,01

Breeding flocks of turkeys: tested flocks 235, % positive flocks for SE/ST equal to 0

Fattening turkeys: tested flocks 4747, % positive flocks for SE/ST equal to 0,06

<http://www.efsa.europa.eu/en/efsajournal/doc/3991.pdf>

### 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 managed by 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.

## Programme of eradication of Salmonella serotypes

ANNEX TABLES ADDITIONAL INFORMATION.pdf

# Programme of eradication of Salmonella serotypes

## C. Targets

### 1 Targets related to flocks official monitoring

#### 1.1 Targets on laboratory tests on official samples for year :

**2016**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Broiler flocks of Gallus gallus	environmental sample	routine sampling	990	X
ITALY	Serotyping	Broiler flocks of Gallus gallus	-	-	179	X
ITALY	Antimicrobial detection test	Broiler flocks of Gallus gallus	animals	with repeated/confirmatory sampling	1	X
ITALY	Test for verification of the efficacy of disinfection	Broiler flocks of Gallus gallus	-	-	8	X
<b>Add a new row</b>						
<b>Total</b>					1 178	
<b>Total Antimicrobial detection test</b>					1	
<b>Total Test for verification of the efficacy of disinfection</b>					8	
<b>Total Bacteriological detection test</b>					990	
<b>Total Serotyping</b>					179	

# Programme of eradication of Salmonella serotypes

## 1.1 Targets on laboratory tests on official samples for year :

**2017**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Broiler flocks of Gallus gallus	environmental sample	routine sampling	1 050	X
ITALY	Serotyping	Broiler flocks of Gallus gallus	-	-	185	X
ITALY	Antimicrobial detection test	Broiler flocks of Gallus gallus	animals	with repeated/confirmatory sampling	1	X
ITALY	Test for verification of the efficacy of disinfection	Broiler flocks of Gallus gallus	-	-	10	X
<b>Add a new row</b>						
<b>Total</b>					1 246	
<b>Total Antimicrobial detection test</b>					1	
<b>Total Test for verification of the efficacy of disinfection</b>					10	
<b>Total Bacteriological detection test</b>					1 050	
<b>Total Serotyping</b>					185	

## 1.1 Targets on laboratory tests on official samples for year :

**2018**

Region	Type of the test (description)	Target population (categories and species targeted)	Type of sample	Objective	Number of planned tests	
ITALY	Bacteriological detection test	Broiler flocks of Gallus gallus	environmental sample	routine sampling	1 100	X



## Programme of eradication of Salmonella serotypes

ITALY	Serotyping	Broiler flocks of Gallus gallus	-	-	200	X
ITALY	Antimicrobial detection test	Broiler flocks of Gallus gallus	animals	with repeated/confirmatory sampling	1	X
ITALY	Test for verification of the efficacy of disinfection	Broiler flocks of Gallus gallus	-	-	12	X
				<b>Add a new row</b>		
<b>Total</b>					1 313	
<b>Total Antimicrobial detection test</b>					1	
<b>Total Test for verification of the efficacy of disinfection</b>					12	
<b>Total Bacteriological detection test</b>					1 100	
<b>Total Serotyping</b>					200	

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

**2016**

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)	
ITALY	Broiler flocks of	26 000	355	450	450	990	SE+ST	2	2	10 000	0	0	X
<b>Total</b>		26 000	355	450	450	990		2	2	10 000	0	0	
										<b>Add a new row</b>			

# Programme of eradication of Salmonella serotypes

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis +Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

## 1.2 Targets on official sampling of flocks for year :

**2017**

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)	
ITALY	Broiler flocks of	26 500	380	480	480	1 050	SE+ST	2	2	10 000	0	0	X
<b>Total</b>		26 500	380	480	480	1 050		2	2	10 000	0	0	
										<b>Add a new row</b>			

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis +Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

# Programme of eradication of Salmonella serotypes

## 1.2 Targets on official sampling of flocks for year :

2018

Region	Type of flock	Total number of flocks (a)	Number of flocks in the programme	Number of flocks checked (b)	Number of flock visits to take official samples (d)	Number of official samples taken	Targeted serotypes (c)	Possible number of positive flocks	Number of flocks to be depopulated	Total number of animals to be slaughtered or destroyed	Quantity of eggs to be destroyed (number)	Quantity of eggs to be channelled to egg product (number)	
ITALY	Broiler flocks of 1	26 700	400	500	500	1 100	SE+ST	2	2	10 000	0	0	X
<b>Total</b>		26 700	400	500	500	1 100		2	2	10 000	0	0	
										<b>Add a new row</b>			

(a) Including eligible and non eligible flocks for the programme

(b) Check means to perform a flock level test under the programme for the presence of Salmonella. In this column a flock must not be counted twice even if it has been checked more than once.

(c) Salmonella Enteritidis + Salmonella Typhimurium = SE + ST    Salmonella Enteritidis + Salmonella Typhimurium + Salmonella Hadar + Salmonella Infantis + Salmonella Virchow = SE+ ST + SH +SI + SV

(d) 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.

## 2 Targets on vaccination

### 2.1 Targets on vaccination for year :

2016

## Programme of eradication of Salmonella serotypes

NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered
Targets on vaccination				
NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered
			<b>Add a new row</b>	

2.1 *Targets on vaccination for year :*

**2017**

Targets on vaccination				
NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered
			<b>Add a new row</b>	

2.1 *Targets on vaccination for year :*

**2018**

Targets on vaccination				

## Programme of eradication of Salmonella serotypes

NUTS Region	Number of flocks in the programme	Number of flocks expected to be vaccinated	Number of animals expected to be vaccinated	Number of doses of vaccine expected to be administered	
			<b>Add a new row</b>		

# Programme of eradication of Salmonella serotypes

## D. Detailed analysis of the cost of the programme

### 1 Costs of the planned activities for year :

**2016**

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	990	18.19	18008.1	yes	X
Cost of analysis	Serotyping	179	38.38	6870.02	yes	X
Cost of analysis	Antimicrobial detection test	1	3.43	3.43	yes	X
Cost of analysis	Test for verification of the efficacy of disinfection	8	16.72	133.76	yes	X
2. Vaccination						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	2 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	2 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	2 000	0	0	no	X

## Programme of eradication of Salmonella serotypes

Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000		0		X
Slaughter and destruction	Animals culled or slaughtered	10 000		0		X
<b>4.Cleaning and disinfection</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>6. Cost of official sampling</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	450	23.24	10458	yes	X
				<b>Grand Total</b>		
				35473.31		

# Programme of eradication of Salmonella serotypes

**1** *Costs of the planned activities for year :* **2017**

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	1 050	18.19	19099.5	yes	X
Cost of analysis	Serotyping	185	38.38	7100.3	yes	X
Cost of analysis	Antimicrobial detection test	1	3.43	3.43	yes	X
Cost of analysis	Test for verification of the efficacy of disinfection	10	16.72	167.2	yes	X
2. Vaccination						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	2 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	2 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	2 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X



## Programme of eradication of Salmonella serotypes

Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000		0		X
Slaughter and destruction	Animals culled or slaughtered	10 000		0		X
<b>4.Cleaning and disinfection</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>6. Cost of official sampling</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	480	23.24	11155.2	yes	X
				<b>Grand Total</b>		
				37525.63		

1 *Costs of the planned activities for year :* **2018**

## Programme of eradication of Salmonella serotypes

1. Testing of official samples						
Cost related to	<u>Specification</u>	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Bacteriological detection test	1 100	18.19	20009	yes	X
Cost of analysis	Serotyping	200	38.38	7676	yes	X
Cost of analysis	Antimicrobial detection test	1	3.43	3.43	yes	X
Cost of analysis	Test for verification of the efficacy of disinfection	12	16.72	200.64	yes	X
2. Vaccination						
Cost related to	<u>Specification</u>	Number of vaccine dosis	Average cost per dose in EUR	Total amount in EUR	Union funding requested	
3. Slaughter and destruction (without any salaries)						
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000	0	0	no	X
Slaughter and destruction	Animals culled or slaughtered	10 000		0		X

# Programme of eradication of Salmonella serotypes

Slaughter and destruction	Animals culled or slaughtered	10 000		0		X
<b>4.Cleaning and disinfection</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>5.Other essential costs (Art. 8.1.h of Regulation (EU) No 652/2014)</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
				<b>Add a new row</b>		
<b>6. Cost of official sampling</b>						
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Official sampling of poultry flocks	Cost of official sampling	500	23.24	11620	yes	X
			<b>Grand Total</b>	39509.07		

# Programme of eradication of Salmonella serotypes

## *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 reimbursement/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 Veterinary 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 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 tested by official public laboratories (that are located at the Istituti Zooprofilattici Sperimentali) and costs are entirely paid by the State budget.

## Programme of eradication of Salmonella serotypes

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)

Not Applicable.

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)

Not Applicable.

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

Not Applicable.

## Programme of eradication of Salmonella serotypes

### 2 Co-financing rate (see provisions of applicable Work Programme)

*The maximum co-financing rate is in general fixed at 50%. However based on provisions of Article 5.2 and 5.3 of the Regulation (EU) No 652/2014, we request that the co-financing rate for the reimbursement of the eligible costs would be increased:*

Up to 75% for the measures detailed below

Up to 100% for the measures detailed below

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### 3. Source of funding of eligible measures

All eligible measures for which cofinancing is requested and reimbursement will be claimed are financed by public funds.

*yes*

*no*

---

# Programme of eradication of Salmonella serotypes

## 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 **SEVERAL MINUTES TO UPLOAD** 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.

## List of all attachments

	Attachment name	File will be saved as (only a-z and 0-9 and -_):	File size
	6799_4262.pdf	6799_4262.pdf	45 kb
	6799_4263.pdf	6799_4263.pdf	58 kb
	6799_4264.doc	6799_4264.doc	324 kb
	6799_4265.pdf	6799_4265.pdf	691 kb
	6799_4266.pdf	6799_4266.pdf	549 kb
		Total size of attachments :	1666 kb