



Programmes for eradication, control and surveillance of animal diseases and zoonoses submitted for obtaining EU financial contribution

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

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

Due to the late adoption of the SMP regulation all programmes will be submitted to be approved technically for 2021 and 2022.

Therefore, this document shall also be filled out and submitted after selection of the options:

This programme is multiannual: "YES"

Request for Union cofinancing from beginning 2021 to end of 2022.

If encountering difficulties:

- concerning the information requested, please contact SANTE-VET-PROG@ec.europa.eu.

- on the technical point of view, please contact SANTE-BI@ec.europa.eu, include in your message a printscreen of the complete window where the problem appears and the version of this pdf:

Instructions to complete the form:

- 1) You can attach documents (.doc, .xls, .pdf, etc) to complete your report using the button "Add attachments" on the last page of the form.
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- 5) For simplification purposes you are invited to submit multi-annual programmes.
- 6) You are invited to submit your programmes in English.

Doc version: 2021 2.1

Member state : OESTERREICH

Disease Salmonella

Animal population Breeding flocks of Gallus gallus

This program is multi annual :

Type of submission :

Request of Union co-financing from beginning : To end of

First year of implementation of the programme described in this document:

1. Contact data

Name

Phone

Email

Your job type within the CA :

Submission Date

18/10/2021 23:26:38

Submission Number

1634592408600-17737



Breeding flocks of *Gallus gallus*

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.

yes

no

If no please explain.

As Austria has about 172 breeding flocks, the target can only be reached if not more than one flock is positive with one of the five relevant *Salmonella* serotypes. Measures according to EU law and beyond that are taken to meet the target. Every flock has to be vaccinated against *S. enteritidis* before entering the laying phase. ++There are strict biosecurity measures established in Austrian law and private veterinarians are on the holdings regularly to help FBOs to meet the requirements. FBOs have to take regular courses anyway but in case of a positive result, following epidemiological investigation, weaknesses are again determined and how to solve them if anything is found, is discussed with the FBO.

++

Unfortunately in the first half of 2021 two parent flocks were found to be positive with target serovars (one with S.T, the other one with S.E) and therefore Austria will not be able to reach the target for 2021. Therefore in section C.1.2. "Targets on official sampling of flocks for year 2021" we already estimatet 2, to give the commission the information, as there will be no internediate report. All measures were taken as described. Birds were culled, eggs destroyed/heat treated.

Breeding flocks of Gallus gallus

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

yes

no

If no please explain.

Austria consists of nine federal provinces with 94 districts altogether. The programme will be implemented on the whole territory of Austria.

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	94		94	5
Adult flocks	172	172	172	172
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		172	172	172

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

Comments (max. 32000 chars) :

As most of Austria's Breeding flocks are registered for Intra Community Trade sampling is done in the holding.

++Clarification: Numbers in the table above are the numbers of the year 2020. Numbers in C.1.2. are, what is estimated for 2021 and 2022 as there are usually more flocks every year.++

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.

yes

no

Breeding flocks of Gallus gallus

If no please explain.

In addition to the national reference laboratory (NRL), there are three laboratories designated by the central competent authority (CCA) to perform analyses within the framework of SNCP. All positive results within the SNCP are directly sent from the laboratory via the integrated database used (PoultryHealthData - PHD) to the FBO, his/her private veterinarian, the responsible district veterinary office, provincial government and the national expert within the Federal Ministry of Social Affairs, Health, Care and Consumer Protection. The national expert does a follow-up on the cases through the database and advises/instructs provincial experts of certain tasks if needed.

5. Biosecurity measures

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

yes

no

If no please explain. if yes, describe also the biosecurity measures that shall be applied, quote the document describing them (if any) and attach a copy

The Poultry Hygiene Regulation 2007 (Geflügelhygieneverordnung 2007, BGBl II 100/2007), based on the Animal Health Act (Tiergesundheitsgesetz, BGBl I Nr. 133/1999), is the most important piece of national legislation, relevant to the SNCP.

Paragraphs 7 and 8 are dealing with hygiene on farm:

General hygiene provisions for establishments:

1. Only water satisfying the microbiological requirements of the Trinkwasserverordnung [Drinking Water Ordinance], BGBl. II No 304/2001, may be used in the relevant establishments.

2. Only feed in connection with which appropriate measures have been taken to prevent contamination with Salmonella or to kill any Salmonella present may be used in establishments.

- Unless feed law requires manufacturers to retain samples of each production batch for a particular period of time and the batch can be identified at any time from records kept by the proprietor, a one kilogramme sample shall be taken from each delivery of feed, marked with details of the type, quantity, source, delivery date and batch number, placed in a sealed container and kept in a suitable safe place until the birds fed with it have been slaughtered (but for not more than six months). These samples shall be made available to the authority without charge on request as test material for examinations pursuant to outbreaks.

3. Plant, buildings, facilities and equipment shall be kept in a good state of repair so that good hygiene conditions can be maintained and cleaning and disinfection easily carried out. They shall be regularly serviced and maintained.

4. The location, arrangement and method of production of plant, equipment and other articles shall be appropriate for the respective type of production and make it possible to prevent diseases from being introduced and spread.

Breeding flocks of Gallus gallus

5. Appropriate precautions and measures shall be observed in farm buildings to ensure that insects, birds, rodents and other animal pests are prevented from entering. Windows, doors and lighting and air conditioning equipment shall be designed with that in mind.

- Building forecourts shall have a hard surface; external walls shall be freely accessible, steps must be taken to prevent growth of vegetation.

- Other domestic animals shall be kept away from operational premises.

6. If more than one production unit is operated or more than one flock is kept at the same site, the various operation areas and houses shall be clearly separated.

7. Establishments may only keep poultry that is covered by the terms of the ordinance. Such poultry shall in any case be kept clearly separate from aviary and other birds.

Special hygiene provisions for establishments:

1. The proprietor of the establishment shall in cooperation with the supporting (private) veterinarian establish hygiene rules for production and must be able to demonstrate that they have been brought to the attention of operational personnel.

2. Houses and hatcheries may be accessed only through the entry points provided and only when wearing overalls (including head covering) and footwear provided specifically for the area in question. Reusable footwear shall be disinfected before entering and on leaving the premises. Disinfection facilities shall be provided at the entrance for this purpose. Reusable overalls shall be cleaned and disinfected regularly.

3. The proprietor shall ensure that persons not belonging to the establishment enter establishments pursuant to only with his consent and accompanied by him or a member of staff designated by him and that they comply with all hygiene requirements.

Persons entitled to enter the premises by law shall as far as possible and unless there is imminent danger notify the proprietor before entering the premises and comply with the hygiene requirements.

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

Breeding flocks of Gallus gallus

Every second week during the laying period (at the holding and at the hatchery)

Every three weeks during the laying period at the holding.
Sampling frequency remains at every 2nd week at the hatchery.
(derogation of point 2.1.1 of Annex to Regulation (EC) No 200/2010)

Comments - Indicate also who takes the FBO samples

FBO-samples can be taken by the food business operator, if he got (proven) training how to do it, first. At least every 12 weeks samples have to be taken by the assigned private veterinarian.

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

yes

no

If no please explain.

Sampling protocol is according to the Annex point 2.2 of CR (EU (No) 200/2010).

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):

yes

no

If no please explain. Indicate also if birds are slaughtered or killed and destroyed, and if eggs are destroyed or heat treated.

Usually infected flocks are killed and destroyed but there were special cases in the past, when the birds have been slaughtered. This is done in a slaughterhouse that only slaughters adult birds (layers and breeders). Meat produced there is always heat treated.
Eggs that have already been delivered to the hatchery are destroyed, ones that are still on the premise are usually heat treated.

Breeding flocks of Gallus gallus

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) :

In Austria the measures implemented for flocks positive with one of the five relevant serovars are the same. This means that in case of detection of S. Hadar, S. Virchow and S. Infantis all birds of the infected rearing or adult flocks are slaughtered or killed and destroyed, all eggs are destroyed or heat treated.

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 (farm level)

As said above, birds are usually culled. If they are slaughtered, the animals are solely sent to one slaughterhouse in Austria that only produces meat for heat treatment. This means that no fresh poultry meat is produced at these premises. Nevertheless, positive flocks have to be slaughtered separately. Salmonella testing results are included in the FCI. They are part of the accompanying documents of the animals to the slaughterhouse. Additionally slaughterhouses get the information about the relevant holdings via the database PHD electronically.

Measures implemented by the FBO (slaughterhouse level)

According to the meat inspection regulation (Fleischuntersuchungsverordnung, BGBl II 2006/109) positive flocks have to be slaughtered separately and the carcasses have to be added to the samples according to Regulation 2073/2005. As said before, meat produced at this premise is always heat treated.

Measures implemented by the CA (farm and slaughterhouse level)

Animals from infected laying- and breeding flocks are solely sent to one slaughterhouse in Austria that only produces meat for heat treatment. This means that no fresh poultry meat is produced at these premises. The authority also checks the documents to make sure, all animals were slaughtered according to the legislation.

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.

Breeding flocks of Gallus gallus

yes

no

If no please explain.

There are three laboratories designated by the CCA to perform analyses within the framework of SNCP (official and own check samples). The involved laboratories are accredited according to EN ISO/IEC 17025 and the Salmonella analytical method is within the scope of accreditation. They are also regularly taking part in ring tests performed by the NRL.

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*¹.

Serotyping is performed following the Kaufman-White-Le Minor scheme.

yes

no

If yes, please describe the alternative method(s) used.

ALL isolates taken within the framework of the SNCP (own checks and official sampling) have to be sent to the NRL for Salmonella and are serotyped there following the Kaufman-White-Le Minor scheme.

For samples taken on behalf of the FBO alternative methods if validated in accordance with the most recent version of EN/ISO16140 may be used.

yes

no

If no please explain. If timelimits are exceeded, please indicate what is done.

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. It also has to be pointed out again, that all isolates within the Austrian SNCP are serotyped, in order to get a good picture about the prevalence of all serovars present as we have to bear in mind, that not only SE and ST can be zoonotic.

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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.

yes

no

If no please explain.

The (designated) laboratories are obliged to take care of both (controll of age of sample, early start of examination). This check has to be logged.

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

Comments (max. 32000 chars) :

In Austria Salmonella in feed is part of a permanent surveillance and monitoring programme (risk based multi annual control plan). The official control staff takes feed samples at the farm level but also at the level of warehouses and storage houses, at the site of feed material production and compound feed production. Official samples are regularly taken from feed materials and finished feed. The procedure of sampling is according to Regulation (EC) No 152/2009.

The most important source of Salmonella contamination in feed are protein-rich extracted meals and cakes of soy beans, sunflower seed and rape seed: These products are mainly by-products from oil seed processing plants and are imported from third countries (Brasil, Argentina, Bosnia-Herzegovina) and other EU member states (Netherlands, Germany, Italy, Slovenia, Hungary, Bulgaria). Through contaminated feed materials Salmonella are able to enter the feed chain and can so further spread and contaminate the compound feed which has been produced from these feed materials.

Feed producers are responsible for the feed safety at any stage of the production and therefore they are obliged to carry out self-checks at regular intervals and according to the quantity of the production. Positive batches must either be returned to the supplier or properly disposed of or decontaminated (by heat or with organic acids). After decontamination of the feed the efficacy of the treatment must be verified by a tenfold analysis. Furthermore feed business operators have to take certain actions and perform a hygiene programme (swab and dust samples, cleaning and disinfection, increase number of self-checks in feed, assessment of the supplier). Any positive consignment imported to Austria and found positive for Salmonella is notified to the Rapid Alert System for Food and Feed (RASFF) by the competent authority. Positive consignments exported from Austria are notified as well.

In Austria any Salmonella serotype in feed is considered a risk. The most frequent serotypes found in feed were *S. infantis*, *S. Mbandaka*, *S. Agona*, *S. Senftenberg*, *S. Nyborg*, *S. Rissen*, *S. Montevideo* and *S. Tennessee*.

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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) :

According to the Poultry Hygiene Regulation 2007, an official control of each holding subject to it has to be performed at least once in three years (every year in holdings registered for intra-Community trade). The provincial governments provide their own checklist for the official veterinarians. These controls are also registered in the PHD – Database. Actions in case of unsatisfactory result depend on the severity of the case but usually would entail at least another visit. As all breeding holdings in Austria are registered for ICT, the visit has to be done once a year.

- b. Routine official **sampling scheme when FBO sampling takes place at the hatchery**: EU minimum requirements are implemented i.e. :

If the EU target is achieved for more than 2 years, the CA has decided to implement the derogation of point 2.1.2.3 of Annex to Regulation (EC) No 200/2010 and therefore the EU minimum requirement for official sampling are once a year at the hatchery and once a year on the holding during the laying phase.

yes

no

If no, the EU minimum requirements for official sampling are implemented as follows:

- 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

yes

no

If no please explain. Indicate also : 1) if additional official sampling going beyond EU minimum requirements is performed, 2) who is taking the official samples.

As most of the holdings are registered for Intra-Community-Trade, sampling is done at the holding.

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- c. Routine official **sampling scheme when FBO sampling takes place at the holding**: EU minimum requirements are implemented i.e. :

If the EU target is achieved for more than 2 years, the CA has decided to implement the derogation of point 2.1.2.3 of Annex to Regulation (EC) No 200/2010 and therefore the EU minimum requirement for official sampling are twice during the laying phase at the holding.

yes

no

If no, the EU minimum requirements for official sampling are implemented as follows:

- 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)

yes

no

If no, please explain. Indicate also : 1) if additional official sampling going beyond EU minimum requirements is performed, please describe, 2) who is taking the official samples

Sampling is carried out in accordance with CR (EU) 200/2010 and in accordance with point 2.1.2.1 or 2.1.2.2 of the Annex thereof.

1. There is no additional official sampling going beyond EU minimum requirements, +++concerning adult breeding flocks. However, in exceptional cases it could happen, that a rearing flock is officially sampled. This of course goes beyond EU requirement.+++

2. Official samples are taken by official vets or veterinarians that are appointed by the regional government. Such appointed veterinarians must not work in the poultry sector as private veterinarians.

3. The Austrian CA has not decided to implement the derogation as the number of flocks is small and the target can already not be reached with two positive flocks.

- d. If confirmatory samples taken at the holding (after positive results at the hatchery, or suspicion of false positivity on FBO samples taken on the holding) are negative, please describe the measures taken:

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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

None of these measures

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

Sampling for antimicrobials will usually be carried out at the same time as official samples are taken in the flock.
There are usually also taken samples from feed etc.

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	<input type="checkbox"/> Always
	<input type="checkbox"/> Sometimes (criteria apply)
	<input checked="" type="checkbox"/> Never

After positive FBO samples at the holding	<input type="checkbox"/> Always
	<input checked="" type="checkbox"/> Sometimes (criteria apply)
	<input type="checkbox"/> Never

When official confirmatory sampling is performed, additional samples are taken for checking the presence of antimicrobials:

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Always

Sometimes

Never

Please insert any comments. Describe the criteria used to determine if confirmatory sampling is performed. Indicate also which samples (if any) are taken to check the presence of antimicrobials.

Confirmatory sampling is not really forseen in case of a positive finding in the holding, as a positive flock produces positive eggs and chicken and contaminates the hatchery. Only if the official veterinarian in charge has a suspicion that something was wrong in the sampling procedure (he/she would be on the holding in any case after a positive result, even if not sampling) confirmatory sampling could happen. If he would think so, she/he would have to write down the reasons which would be checked by the regional competent authority and the CCA. +++It was not the case in the last years, and there are no specific criteria layd down, in which cases this can be done. +++ Muscle would be taken for testing on antimicrobials in such case.

1	2	3	4
For routine samples taken at the holding	No of flocks positive to SE / ST	Out of the flocks in column 2, No of cases where official confirmatory samples ³ were taken	Out of the cases in column 3, No of cases where confirmatory samples were negative
FBO samples ¹	0	0	0
Official samples ²	0	0	0

¹ Reg 200/2010, point 2.2.2.1 of the Annex

² Reg 200/2010, point 2.2.2.2 of the Annex

³ Reg 200/2010, point 2.2.2.2.c of the Annex

What happened to the flocks counted under 4 (re checked for the presence of Salmonella (on the progeny? on the same flock)? Checked for the presence of antimicrobials?) (max. 32000 chars) :

n.a.

- 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) :

Documentary checks have to be done at every visit.
Confirmatory sampling: According to CR (EU) No 200/2010 birds are always taken at random from within

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each poultry house of birds on the holding, normally up to five birds per house, unless the competent authority deems it necessary to sample a higher number of birds. As described above, confirmatory sampling is usually not done. +++In case antimicrobials are detected, there would be an official visit to check on use and its documentation of veterinary medicinal products. The sampling would be repeated until antimicrobials are not detected any more, to verify the negative Salmonella result. Eggs would be retained during this time.+++

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 use of vaccines as the use of any veterinary medicinal product is in line with CR (EC) No. 1177/2006. Vaccination against *S. Enteritidis* is mandatory in every flock. Only vaccines against *S. Enteritidis* can be used, that are authorised for the Austrian market. Those are: AviPro SALMONELLA VAC E; AviPro Salm DUO; Nobilis Salenvac ETC; Nobilis Salenvac T and Gallimune SE +ST at the moment. Vaccination schedule follows the direction for use of the products and is solely done during the rearing period.

Rearing flocks are always accompanied by a vaccination certificate that points out all vaccinations done. If vaccination takes place in Austria, this, as any veterinary medicinal product used on the animals, has to be noted within the flock's section in the PoultryHealthData (vaccine, date of application, person responsible for vaccination, withdrawal period for eggs/meat, etc.).

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) :

Owners are compensated directly by the central authority (Federal Ministry of Social Affairs, Health, Care and Consumer Protection). The technical part of taking care of an infected flock is the responsibility of the official veterinarian as well as the provincial government in charge. They are also responsible for the report delivered to the ministry based on which (numbers etc.) compensation would be paid. According to paragraph 13 of the Austrian Animal Health Act payment could be affected in case the

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owner broke laws and in doing so caused infection of the flock.

Procedure of determination of the price paid to the farmer: In accordance with § 52a of the Austrian Animal Diseases Act the provincial governor, after consultation with the Chamber of Agriculture, shall set up a semi-annual tariff and notify it in the official provincial bulletin. The official veterinarian in charge has to act pursuant to this tariff which has to take into consideration price-setting features (e.g. age). According to the Animal Health Act 75% of that tariff is compensated.

18. Please describe the official procedure to test, after the depopulation of an infected flock, the **efficacy of the disinfection** of a poultry house (number of samples, number of tests, samples taken, etc...)

(max. 32000 chars):

Whenever poultry have been removed on the basis of action ordered by the official veterinarian, the official veterinarian has to determine the necessary scope of the cleaning and disinfection procedures. Otherwise the assigned private veterinarian is in charge of that. The success of disinfection has to be checked by means of bacteriological tests before the premises are re-populated.

For this purpose, 60 samples have to be taken from house floor and walls, feeding, watering and air conditioning equipment and other critical parts of the houses under the direction of the competent veterinarian. Samples of the same kind (floor; walls; feeding-, watering equipment; etc.) may be pooled for testing in pools of five samples.

The samples testing the efficacy of cleaning and disinfection in case of a positive breeding flock with one of the five relevant serovars are taken by official veterinarians. In case of another Salmonella serovar samples are taken by the private veterinarian.

Excrement, feed residues and other waste have to be removed from open areas that are not hard surfaces (pens) as thoroughly as possible whenever poultry have been vacated.

Bedding, excrement and other waste removed from house areas and surfaces shall be stored in such a way as to prevent as far as possible pathogenic agents from being transferred back into house areas, or onto equipment and surfaces.

Barns may not be re-populated with poultry until cleaning, disinfection and proof of success of disinfection have been completed and no less than 14 days after the last flock has been evacuated. Usually in breeding flocks, the waiting period is longer.

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):

In Austria the ultimate responsibility for coordinating the implementation of the SNCs lies with the Federal Ministry of Social Affairs, Health, Care and Consumer Protection, Division III, Group B (Consumer Health), Department 15 (Zoonosis and co-ordination of international matters of the sector) which is the CCA.

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However, enforcement is delegated to the nine Provincial Governors as part of the indirect federal administration. The statutory basis for this is provided by federal acts (Animal Health Act, Poultry Hygiene Regulation 2007), other regulations and general circulars/instructions issued on the basis of such legislation. These are enforced by the Provincial Governors through the authorities under their control (i.e. district veterinary offices). A more detailed description of the CA can be found in the country profile for Austria on DG-SANTE's website.

The Poultry Health Service (PHS) as a non-profit organisation, among other things, is responsible for managing the electronic database (Poultry Health Data -PHD). PHS provides regular training on use of the database and on sampling procedures. PHS provides sampling materials (i.e. bootswabs) for own-check sampling.

The PHD, which serves as an official register of poultry holdings, links the poultry farms, hatcheries, poultry slaughterhouses, egg packing centres, assigned private veterinarians, laboratories and the competent district-, provincial- and national authorities. The database contains all records on use of veterinary medicinal products, vaccines, samplings (both official and own-checks), laboratory results and results of ante-mortem and post-mortem inspections related to flocks. Levels of access to the database are well defined. For instance Food Business Operators (FBO) have access to their own data only, and CA access depends on its territorial responsibilities.

2. Legal basis for the implementation of the programme

(max. 32000 chars):

The Poultry Hygiene Regulation 2007 (Geflügelhygieneverordnung 2007, BGBl II 100/2007), based on the Animal Health Act (Tiergesundheitsgesetz, BGBl I Nr. 133/1999), is the most important piece of legislation relevant to the SNCP. The relevant EU legislation is implemented in Austria by this regulation. It applies to every farm keeping more than 350 birds at once, except for breeding flocks of gallus gallus, as 250 birds is the mark there as required by EU legislation. Sanctions are as suggested in Reg. (EC) No 2160/2003 and following regulations. In general, own check samples have to be taken by private veterinarians. Each food business operator (FBO) has to register one private vet responsible for his holding with the local authority. +++In the breeders programme however, as sampling takes place every second week on the holding, FBO-samples can be taken by the food business operator, if he/she got (proven) training how to do it, first. At least every 12 weeks samples have to be taken by the assigned private veterinarian.+++
Official samples are taken by official vets or veterinarians authorised by the CA to carry out this task.

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):

The program for breeding flocks of Gallus gallus was implemented as said in Commission Regulation 200/2010.

Breeding flocks of Gallus gallus

The target set for breeding flocks of Gallus gallus could again be reached in the year 2020. For Austria, which only has 39 breeding flocks for Layers and 133 breeding flocks for broilers the target is reached if not more than 1 flock is positive with the five most relevant *S. serotypes*. No flock was found to be positive in 2020.

The final figures for 2020 and the confirmation of reaching the targets will be evaluated in the EFSA report on "Trends and Sources of Zoonoses 2020".

Human cases significantly decreased in 2020. This is most likely due to the focus on COVID-19

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

(max. 32000 chars):

According to the LFBIS Act (which also includes Directive 2002/4/EC) each farm gets a unique number during the admission process. This number is commonly used to identify farms and is also used within the database (PoultryHealthData, PHD).

Individual flocks are registered as they enter the holding. They are uniquely identified by the farm's number of identity, the year in which they enter the barn and a consecutive number.

5. System to monitor the implementation of the programme.

(max. 32000 chars):

See also Point B1 the database is a very valuable and important tool to monitor the implementation of the programme.

The Central Competent Authority regularly evaluates data from the PHD database to verify whether the target for the number of official samples to be taken by the provinces is met.

Breeding flocks of Gallus gallus

C. Targets

1 Targets related to flocks official monitoring

1.1 Targets on laboratory tests on official samples for year :

2021

Type of the test (description)	Target population	Number of planned tests
Bacteriological detection test	Breeding flocks of Gallus gallus	700
Serotyping	Breeding flocks of Gallus gallus	5
Antimicrobial detection test	Breeding flocks of Gallus gallus	5
Test for verification of the efficacy of disinfection	Breeding flocks of Gallus gallus	24

1.1 Targets on laboratory tests on official samples for year :

2022

Type of the test (description)	Target population	Number of planned tests
Bacteriological detection test	Breeding flocks of Gallus gallus	740
Serotyping	Breeding flocks of Gallus gallus	5
Antimicrobial detection test	Breeding flocks of Gallus gallus	5
Test for verification of the efficacy of disinfection	Breeding flocks of Gallus gallus	12

1.2 Targets on official sampling of flocks for year :

2021

Type of the test (description)	Rearing flocks	Adult flocks
Total No of flocks (a)	95	175
No of flocks in the programme	95	175
No of flocks planned to be checked (b)	10	175

Breeding flocks of Gallus gallus

No of flock visits to take official samples (c)	10	350
No of official samples taken	20	1 750
Target serovars (d)	SE+ ST + SH +SI + SV	SE+ ST + SH +SI + SV
Possible No of flocks infected by target serovars	1	2
Possible No of flocks to be depopulated	1	2
Total No of birds to be slaughtered/culled	12 000	27 000
Total No of eggs to be destroyed	Text	120 000
Total No of eggs to be heat treated	Text	70 000

(a) Including eligible and non eligible flocks

(b) A checked flock is a flock where at least one official sampling visit will take place. A flock shall be counted only once even if it was visited several times.

(c) Each visit for the purpose of taking official samples shall be counted. Several visits on the same flock for taking official samples shall be counted separately.

(d) Salmonella Enteritidis and Salmonella Typhimurium = SE + ST

Salmonella Enteritidis, Typhimurium, Hadar, Infantis, Virchow = SE+ ST + SH +SI + SV

1.2 Targets on official sampling of flocks for year :

2022

Type of the test (description)	Rearing flocks	Adult flocks
Total No of flocks (a)	95	185
No of flocks in the programme	95	185
No of flocks planned to be checked (b)	10	185
No of flock visits to take official samples (c)	10	370
No of official samples taken	20	1 850
Target serovars (d)	SE+ ST + SH +SI + SV	SE+ ST + SH +SI + SV
Possible No of flocks infected by target serovars	1	1
Possible No of flocks to be depopulated	1	1
Total No of birds to be slaughtered/culled	12 000	14 000
Total No of eggs to be destroyed	Text	80 000
Total No of eggs to be heat treated	Text	40 000

Breeding flocks of Gallus gallus

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

2.1 *Targets on vaccination for year :* **2021**

Type of the test (description)	Target on vaccination
Number of flocks in the Salmonella programme	280
Number of flocks expected to be vaccinated	95
Number of birds expected to be vaccinated	902 500
Number of doses expected to be administered	2 707 500

2.1 *Targets on vaccination for year :* **2022**

Type of the test (description)	Target on vaccination
Number of flocks in the Salmonella programme	280
Number of flocks expected to be vaccinated	95
Number of birds expected to be vaccinated	902 500
Number of doses expected to be administered	2 707 500

Breeding flocks of Gallus gallus

D.1. Detailed analysis of the cost of the programme

Costs of the planned activities for year :

2021

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	Cofinancing rate	Requested Union contribution in EUR	
Testing	Breeders: Bacteriological detection test	700	35.88	25116	yes	50	12 558	X
Testing	Breeders: Serotyping	5	66.25	331.25	yes	50	165,63	X
Testing	Breeders: Antimicrobial detection test	5	35.01	175.05	yes	50	87,53	X
Testing	Breeders: Test for verification of the efficacy of disinfection	24	50.26	1206.24	yes	50	603,12	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	Cofinancing rate	Requested Union contribution in EUR	
Vaccination	Breeders: Purchase of vaccine doses	2 707 500	0.085	230,137.5	yes	50	115 068,75	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	Cofinancing rate	Requested Union contribution in EUR	
Compensation	Breeders: Heat treated hatching eggs	70 000	0.4	28000	yes	50	14 000	X
Compensation	Breeders: Hatching eggs destroyed	120 000	0.4	48000	yes	50	24 000	X
Compensation	Breeders: Animals culled or slaughtered	39 000	8	312,000	yes	50	156 000	X
4.Cleaning and disinfection								

Breeding flocks of Gallus gallus

Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Cleaning and disinfection	In case of full flock depopulation			0	no	50	0	X
5. Other essential costs								
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Add a new row								
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	Cofinancing rate	Requested Union contribution in EUR	
Sampling	Breeders: Official sampling visit	350	21.36	7476	yes	50	3 738	X
Total with Union funding request (€):				652,442.04	including		326,221.03	
Total without Union funding request (€):				0	= requested EU contribution in €			

Costs of the planned activities for year :

2022

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	Cofinancing rate	Requested Union contribution in EUR	
Testing	Breeders: Bacteriological detection test	740	35.88	26551.2	yes	50	13 275,6	X
Testing	Breeders: Serotyping	5	66.25	331.25	yes	50	165,63	X
Testing	Breeders: Antimicrobial detection test	5	35.01	175.05	yes	50	87,53	X
Testing	Breeders: Test for verification of the efficacy of disinfection	12	50.26	603.12	yes	50	301,56	X

Breeding flocks of Gallus gallus

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	Cofinancing rate	Requested Union contribution in EUR	
Vaccination	Breeders: Purchase of vaccine doses	2 707 500	0.085	230,137.5	yes	50	115 068,75	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	Cofinancing rate	Requested Union contribution in EUR	
Compensation	Breeders: Heat treated hatching eggs	40 000	0.4	16000	yes	50	8 000	X
Compensation	Breeders: Hatching eggs destroyed	80 000	0.4	32000	yes	50	16 000	X
Compensation	Breeders: Animals culled or slaughtered	26 000	8	208,000	yes	50	104 000	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	Cofinancing rate	Requested Union contribution in EUR	
Cleaning and disinfection	In case of full flock depopulation			0	no	50	0	X

5. Other essential costs

Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
				Add a new row				

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	Cofinancing rate	Requested Union contribution in EUR	
Sampling	Breeders: Official sampling visit	370	21.36	7903.2	yes	50	3 951,6	X

Breeding flocks of Gallus gallus

	Total with Union funding request (€):	521,701.32	including 260,850.67
	Total without Union funding request (€):	0	= requested EU contribution in €

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))

Sampling is in the responsibility of the nine provincial governments. Official samples are taken by official veterinarians or in some provinces by private veterinarians authorised for this task (authorised veterinarians - AVs) by the provincial CA. In the latter case they are not allowed to act as private veterinarians in the poultry sector in order to avoid any conflict of interest.

Also depending on the province sampling is partly paid by the farmer, partly by the provincial governments. Sampling equipment is provided by the provincial governments, shipping is paid by the laboratories (also state budget).

Breeding flocks of Gallus gallus

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)

Three laboratories are designated to perform the testing of official samples. Costs related to the testing are entirely paid from the state budget. Each isolate taken in the frame of the SNCP (official and private samples) is serotyped. This is done at the National Reference Laboratory for Salmonella, AGES IMED Graz. Serotyping (private and official samples) is paid from official funds.

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)

The technical part of taking care of an infected flock is the responsibility of the official veterinarian as well as the provincial government in charge. Compensation is paid by the central veterinary authority (Federal Ministry of Social Affairs, Health, Care and Consumer Protection) directly to the farmer. The national legal basis for compensation is the Austrian Animal Health Act BGBl I 1999/133 as amended by BGBl I 2013/80

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)

Vaccine is provided by the private veterinarians who send the invoices to the Poultry Health Service which reimburses the private veterinarians. The Poultry Health Service receives money from the state budget that has to be used for Salmonella vaccination. A small part of the vaccines is paid by the farmers.

This means that each dose, but not 100% of it is paid by official funds. Usually around 10% of each dose is paid by other sources. How much of each dose is paid and can therefore be cofinanced ("Average cost of dose") will be determined in the final reports.

Breeding flocks of Gallus gallus

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

In Austria the NRL for Salmonella regularly carries out molecular testings (pfge, mlva) as well as WGS on Salmonella isolates taken in the frame of the SNCP. This is also important to thoroughly identify isolates and discover possible pathways of infection. Performance of these methods is also paid from official funds.

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*

Breeding flocks of Gallus gallus

4. Additional measures in exceptional and justified cases

In the "*Guidelines for the Union co-funded veterinary programmes*", it is indicated that in exceptional and duly justified cases, additional necessary measures can be proposed by the Member States in their application.

If you introduced these type of measures in this programme, for each of them, please provide detailed technical justification and also justification of their cost:

Breeding flocks of Gallus gallus

Attachments

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- 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.

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