



**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.

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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 : MAGYARORSZAG

Disease Salmonella

Animal population Breeding flocks of Turkeys

This program is multi annual : yes

Type of submission : New multiannual programme or Modification of already approved multiannual programme

Request of Union co-financing from beginning :

2021

To end of

2022

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

2021

1. Contact data

Name

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Your job type
within the CA :

[REDACTED]

Submission Date

20/10/2021 15:08:14

Submission Number

1634735294989-17775



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A. Technical information

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

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

yes

no

if no, please explain

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2. Geographical coverage of the programme

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

yes

no

if no, please explain

Participation in the SNCP is compulsory for breeding flocks of Meleagris gallopavo consisting of at least 250 birds according to Decree of Ministry of Agriculture 180/2009.

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	70		70	0
Adult flocks	160	160	160	160

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

Comments (max. 32000 chars) :

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

if no, please explain

According to the Decree no. 180/2009. (XII. 29.) of MARD

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Article 11

Procedure in the event of positive test results

(1) If the sample taken from a flock of breeding hens, a flock of laying hens or a flock of breeding turkeys results positive the operator shall revise the epidemiological action plan within 22 working days and shall resubmit it to the District Office for approval. The revised plan shall contain the review of the hygiene conditions, especially the efficiency of the disinfection and pest control procedures, the results of the test to find possible reasons for infection and the list of measures considered necessary. The District Office shall evaluate the plan within 22 working days and may ask the operator to amend it if they find it unsatisfactory.

(2) If a sample taken at a flock of broilers and fattening turkeys results positive the business operator shall revise the epidemiological action plan within 11 working days of receiving the result and shall resubmit it to the District Office for approval. The action plan shall contain the review of the hygiene conditions; especially the efficiency of the disinfection procedures and of pest control (insect and rodent extermination), the results of the test to identify possible reasons for infection and the list of measures considered necessary. The District Office shall evaluate the plan within 11 working days and may ask a business operator to amend it if they find it unsatisfactory.

(3) If the results of salmonella testing of broiler and fattening turkey flocks results positive, there is a rapid method – available on the business operator's request – of excluding infection by Salmonella Enteritidis and Salmonella Typhimurium serotypes at a certified laboratory designated by the NFCSO using group-specific 'O' antibody. In this case the laboratory which performs the 'O' group typing will send the isolated strain to the NRL for serotyping.

(4) If, using the group specific 'O' antibody, infection by Salmonella Enteritidis and Salmonella Typhimurium serotypes can be excluded, then the given flock of broilers or fattening turkeys may be slaughtered by decision of the District Office. Measures pursuant to paragraph (2) and (5) shall be applied at the same time.

(5) When, during serotyping, the NRL detects infection with a serotype other than Salmonella Enteritidis or Salmonella Typhimurium, the District Office shall immediately withdraw the official certificate of infection-free status of the flock, if the operator has one, in respect of the given serotype. The operator shall clean the site after the production cycle (building, equipment and machinery, connecting rooms and paths) and - in accordance with specific piece of legislation on issuing the Animal Health Code – for stringent disinfection, rodent extermination and desinsectisation.

(6) Operators may restock the airspace concerned only if they verify the efficiency of disinfection when an environmental swab sample tests negative in a laboratory. The business operator shall bear the costs of taking and testing environmental swabs.

(7) If in the case of a flock of breeding hens the NRL detects infection by a salmonella serotype that is considered a Community target under Regulation (EC) No 1003/2005, Article 12 (9) shall apply in respect of feed and Article 12(8) in respect of restocking of the air space.

Article 12

Procedure in the event of Salmonella Enteritidis or Salmonella Typhimurium infection

(1) If during serotyping the NRL detects infection with Salmonella Enteritidis or Salmonella Typhimurium the District Office shall order restriction of movement of the flock concerned and the products originating therefrom and shall withdraw the official certificate of infection-free status without delay. The official certificate of infection-free status in respect of other flock from the holding shall also be withdrawn at the same time unless the infected flock have been appropriately isolated.

(2) Testing may only be repeated by official sampling ordered by the regional organization of the NFCSO

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pursuant to Article 9(10). Sampling for the official test may only be carried out by official or approved veterinarians within the shortest time possible. The NRL shall test the samples and at the same time conduct an examination to detect antimicrobial inhibitory effects. If the result from the repeated sampling is negative or it results in an infection with salmonella serotypes not covered by the national control programmes and no antimicrobial inhibitory effect can be detected, the District Office shall lift the restriction of movement in respect of the flock and the products thereof. If antimicrobial inhibitory effects can be detected the District Office shall investigate the circumstances of the use of antibiotics and maintain the restriction on movement until it is proven that antibiotics were used for purposes other than to treat the infection of salmonella.

(3) If repeated testing reveals infection by Salmonella Enteritidis or Salmonella Typhimurium or the regional organization of the NFCSO not orders a repeated test, the flock concerned may be slaughtered after preliminary consultation with the slaughterhouse and the official veterinarian supervising the slaughterhouse and in accordance with the specific veterinary health rules on separate slaughter.

(4) In the event of infection by Salmonella Enteritidis or Salmonella Typhimurium in a flock of breeding hens and turkeys Annex II/C to Regulation (EC) No 2160/2003 shall apply and Annex II/D to Regulation (EC) No 2160/2003 shall apply to flocks of laying hens.

(5) If meat from infected flock is processed after salmonella elimination (heat treatment, heat treatment as part of product manufacturing) the processes following slaughter of the infected flock shall be separated from the processing of other raw materials of animal origin until salmonella has been efficiently eliminated, this has been certified and the official veterinarian supervising the slaughterhouse has been informed 48 hours before slaughter. Food materials originating from infected flock shall carry the text "Originates from salmonella-infected flock" on every smallest packaging unit close to the identification label and the premises traceability marking and may only be used to produce food when the technological manufacturing processes guarantee that the product will be salmonella-free. Every such food item shall be verified by microbiology testing carried out in a laboratory before they are cleared for retail trade and the official veterinarian supervising the slaughterhouse shall be informed thereof. The production plant may place heat treated products certified as salmonella-free on the market on the basis of the results of own checks.

(6) After the keeping place of the infected flock has been emptied the operator shall provide for cleaning the building, equipment and machinery, connecting rooms and paths and - in accordance with specific piece of legislation on the issuing of Animal Health Code - for reinforced disinfection, rodent extermination and disinsectisation. The remaining litter shall be disposed of in accordance with special legislation on the treatment of waste of animal origin. After these tasks have been accomplished the business operator shall inform the District Office, which will verify the efficiency of the measures implemented.

(7) The District Office shall authorise the restocking of the airspace concerned only if the effectiveness of disinfection was verified by environmental swab samples test negative in the laboratory.

(8) The feed fed to infected flock shall be tested without delay in accordance with the special legislation on the manufacturing, placing on the market and use of feed, except when day-old birds test positive. Until testing yields negative results such feed may only be fed to infected flock. If feed tests positive it has to be disposed of in accordance with the special legislation on the manufacturing, placing on the market and use of feed, and the equipment used for its storage and transportation shall be disinfected. If infection has been detected, specific testing shall be carried out to detect salmonella at the feed operator from which the feed originates.

(9) Hatcheries to which infected hatching eggs have been transported shall act in accordance with Annex II/C(3) and (5) of Regulation (EC) No 2160/2003 and shall apply the provisions of paragraph (7) and (8). If a hatchery has a certificate of infection-free status the district office shall immediately withdraw this. The hatchery must cooperate in tracing the origins of infection on the basis of its records and shall

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bear the costs.

Clarifications:

A flock is considered as infected with a certain serotype as soon as the result of the serotyping is available, regardless if it was an own-check or an official sample. Movement restriction is imposed on the flock immediately.

As we don't consider a positive flock 'suspect flock' if the result was an own check result, we don't use the term 'exceptional case' neither. If a flock resulted positive via own-check sampling, it is considered as positive and we don't confirm it via official sampling.

A second (confirmatory) sample can only be taken if the regional organ of the County Directorate of Food Chain Safety and Animal Health of the County Government Office orders it. This can only happen according to point 10 of Article 9 of Decree 180/2009: if the results for the first sampling imply that the requirements for sampling, sending of samples or laboratory testing were infringed in a way that influences the test results. Routine confirmatory sampling is prohibited. As the term "suspect flock" is not used, 'exceptional cases' mentioned in paragraph 4 of Annex of Regulation 200/2010 don't occur. In cases when confirmatory sampling is ordered by the regional organ of the County Directorate of Food Chain Safety and Animal Health of the County Government Office (see the above text also) and it results negative, the flock is considered negative.

Frequency of sampling is in line with provisions of Commission Regulation 200/2010 and the compulsory sampling scheme is detailed in two annexes of the Decree. Annex 1. deals with the own-check sampling and Annex 2. with the official sampling .

Regarding reporting: the regional organs report to the NFCSO every half-year and in any other cases, when the centre asks for it. What the report shall contain is always determined by the Centre, but it is based on the data the reports to the Commission shall include.

Enteritidis and Salmonella Typhimurium serotypes at a certified laboratory designated by the NFCSO using group-specific 'O' antibody. In this case the laboratory which performs the 'O' group typing will send the isolated strain to the NRL for serotyping.

5. Biosecurity measures

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

yes

no

if no, please explain; if yes, describe the biosecurity measures that shall be applied, quote the document describing them (if any) and attach a copy (max. 32000 chars) :

Besides employees and entrants for temporary activities holdings with a great number of animals (Large holdings: have at least 500 adults) shall only be entered by the owner and operator of the holding and the official and supplying veterinarian observing the preventive epidemiological Health Codes. Visitors shall only be admitted to the holding after disinfection of hand-and footwear, changing of clothes or putting on protection footwear, cap and overcoat, and exclusively under the surveillance of the veterinarian supplying the holding. The name and address of the visitor and the time of the visit shall be recorded in the record book of the holding. In danger of epidemic holdings shall not be visited. Objects liable to transmit infection or vehicles necessary for the supply and operation of the holding exclusively shall be admitted to the holding after disinfected.

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The pasturing, feeding and watering of animals shall be carried out in harmony with the animal health Health Codes. Feeding shall only take place with feedingstuffs that will not endanger the life of animals or - indirectly - the life of humans.

On large holdings the nourishment, the agricultural produces for nourishment, the treatment and storing of those, other materials used for manufacturing feed mixtures, the method of production, the holding and the undertaking producing feedingstuffs shall be continuously supervised by the veterinary supplying the holding.

Should the owner or the veterinary supplying the holding find that the feedingstuff does not comply with the stipulated animal health requirements it shall be the responsibility of the veterinarian to inform the about the findings simultaneously prohibiting that the feedingstuff be utilised, produced at and circulated from the premises until further notice

The quality of water for the watering of animals shall be — as far as possible — one of drinking water. Providing the quality and clinical examination of water (once in a year or in case of necessity), the maintenance and disinfection of wells, pipes and the watering equipment and the diversion of surplus water is the responsibility of the keeper or operator.

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

The EU minimum requirements for FBO sampling are as follows:

- 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 withing three weeks before slaughter.

yes

no

If the EU target is achieved for more than 2 consecutive calendar years in the whole member state, the CA has accepted to implement the derogation of point 2.1.(a).(iv) of Annex to Regulation (EU) No 1190/2012 and therefore the EU minimum requirements for FBO sampling frequency at the holding on adult flocks is every four weeks. However the CA 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 CA.

yes

no

If no please explain. Indicate aso 1)if additional FBO sampling going beyond EU minimum requirements is performed (to be described) 2) who is taking the official samples

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

yes

no

If no, please explain.

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 rearing or adult flocks are slaughtered or killed and destroyed, and all eggs are destroyed or heat treated):

yes

no

If no, please explain. If yes, indicate if birds are slaughtered or killed and destroyed and if eggs are destroyed or heat treated (max. 32000 chars) :

If a flock is infected with SE or ST (including monophasic ST 1,4,[5],12:i:-), all birds (rearing or adults) are slaughtered or killed and destroyed, and all eggs are destroyed or heat treated.

9. If birds from flocks infected with SE or ST are slaughtered, please describe the measures that shall be implemented by the FBO (i.e. the farmer) 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) :

As soon as the NRL confirms the infection, the flock shall be sent to isolated slaughter.

Hatching eggs originating from such flocks may only be marketed according to the Regulation (EC) No. 2160/2003. Annex II. Point C.5.

After emptying the relevant holding operators are required to implement proper cleansing and

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desinfection. Effectiveness of the procedure is controlled by the competent regional animal health authority. Restocking is only authorised, when cleansing and desinfection is deemed to be satisfactory.

Measures implemented by the CA (max. 32000 chars) :

Meat originating from such flocks may only be authorised for human consumption after meeting all relevant food safety requirements as regards of the Regulation (EC) No. 2160/2003. Annex II. Point E.

Measures implemented by the CA (farm and slaughterhouse level)

Flocks positive for *S. Typhimurium* or *S. Enteritidis* will be subject to movement control. In the slaughterhouse is taken neckskin samples from the birds once per week. That choice (which carcasses) is risk-based, so the infected flocks are included in sampling.

When the neckskin samples are SE or ST positive, the CA takes action to the withdrawal of fresh meat from the market. The slaughterhouse informs the holding and the CA about the positive result of samples.

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.

yes

no

If no, please explain.

Laboratories involved in the programme must be accredited by the National Accreditation Body (NAT) and supervised by the National Salmonella Reference Laboratory (NRL) of the Republic of Hungary (Food and Feed Safety Directorate (formerly named: National Food Investigation Institute), National Food Chain Safety Office). The NRL is in charge of coordination of the laboratories, the use of appropriate laboratory methods as well as for co-operation with the Community Reference Laboratory in Bilthoven (NL). The NRL makes the approval of the laboratories for Salmonella tests accredited by Hungarian Accreditation Board. The laboratories have to participate in interlaboratory ring tests organized by the NRL to check the analytical methods of detecting Salmonella spp. The laboratories use for detecting the target Salmonella serovars the standard of EN/ISO 6579-2002/Amd1:2007. The FBO sample-results are reported by the Laboratory following each test to the district Competent Authority and to the veterinarian of the holding, in case of positive results also to the FBO and the county Competent Authority. The laboratories testing FBO samples send every quarter of the year a summary statement about the tests carried out to the District Competent Authority (DCA). The FBO does not have a reporting obligation, but if a test will be Salmonella positive, the serotyping is always made by NRL.

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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 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.

yes

no

If no please explain.

In Hungary the laboratories approved by the NRL don't used alternative methods.

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.

In Hungary the laboratories approved by the NRL don't used alternative methods.

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.

yes

no

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If no please explain.

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

Comments

In Hungary, control of feedingstuffs is performed according to four main pieces of legislation: Act No. XLVI. of 2008 on the food chain and its official control, Governmental Decree 22/2012 (II. 29.) on the National Food Chain Safety Office and Decree of the Minister of Rural Development No. 65/2012 (VII. 4.) on the implementation of the above Act, and Decree of the Minister of Rural Development No 44/2003 (IV. 26.) on the compulsory provisions of Codex Pabularis Hungaricus.

In the Act general principles of the control of feed are laid down and it sets the competent authorities and allocates the tasks to these services.

Feed production plants are authorized by the competent regional organ: County Directorates of Food Chain Safety and Animal Health of the County Government Offices. Other authorities are also involved in the authorization process.

The registration of the feed production units is done by the District offices.

The Act states that the feedingstuffs produced may neither pose a direct health risk to live flock, nor an indirect risk to public health.

Therefore, the competent District office perform regular controls of the feed production plants, including the production, keeping, marketing, transport and use of feed produced. Controls also include compliance with feed hygiene rules, safety, composition, microbiological safety of feedingstuffs, as well as many other parameters such as the presence of prohibited substances, packaging, labelling etc.

In case of non-compliance with any of the parameters listed in the Act and the Decrees, the competent District office may prohibit the production, keeping, marketing, transport, export, import or use of the relevant feed.

Feed business operators have a procedure based on the principles of HACCP which is operated in their establishment. In Hungary the limit for Salmonella is 0/25g in feed, which has to be applied to the feed materials and the compound feed for all species as well. If an examined feed is positive for Salmonella, there are targeted investigations from feed as well as the authority order the decontamination of feed and equipments with heat treatment and application of biocides.

(REGULATION (EC) No 183/2005, Article 6)

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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) :

Hungary has relevant guidelines for good animal husbandry practices or other guidelines (mandatory or voluntary) on biosecurity measures defining the hygiene management at farms, the measures preventing incoming infections carried by animals, feed, drinking water, people working at farms, and about hygiene in transporting animals to and from farms. The guideline of Decree No. 2/2008. (I. 4.) of the Minister of Agriculture and Rural Development was repealed and replaced by the new guideline for the Decree no. 180/2009. (XII. 29.) of MARD (on specific rules of protection against salmonellosis).

In addition, the other relevant guidelines are the guideline of Food and Feed Safety Directorate about the slaughter of infected flocks, the Hungarian Poultry Product Board's guideline for good practice, the guideline which is applicable in the case of food poisoning and the guideline about the methods of disinfection. These guidelines are available in the attachments.

All farms have to draw up own biosecurity programme and all have to get checked by CA of Food Chain Safety and Animal Health of County.

Before the colonization of the farm the FBO has to give in an epidemiological action plan (included biosecurity measures) to the CA. If the plan is correct, the CA authorises the colonization. Employees are permitted to enter the large scale holdings only obeying the biosecurity rules supervised by the private vet. The preventive epidemiological Health Codes are checked by the official vet regularly. Visitors shall only be admitted to the holding after disinfection of hand and footwear, changing of clothes or putting on protection footwear, cap and overcoat, and exclusively under the surveillance of the private veterinarian of the holding. The name and address of the visitor and the time of the visit shall be recorded. If the area is under veterinary restriction, the holdings are closed to all visitors. Objects liable to transmit infection and vehicles necessary for the supply and operation of the holding shall be admitted to the holding exclusively after disinfection.

Inspections are performed based on a national program. Controls are planned annually by the System Management and Supervision Directorate of the National Food Chain Safety Office. Number of controls depends on risk assessment. The inspections of farms are made by the CA supported by harmonized checklists. The results of the inspections are uploaded to a central database.

If the official vet notices any incompliance in biosecurity during the sampling, draws the attention of the problems and calls for action to correct the GHP.

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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;

yes

no

If no, please explain. If yes, indicate 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) :

The official sampling method is based on the EC regulation 152/2009. The quality control system based on HACCP principles is operated by FBO, which includes sampling procedures and their frequency.

The official samples are taken by official veterinary or licenced veterinary (private vet licenced with official rights), in accordance with Annex of Regulation (EC) No 1190/2012. point of 2.1.

The place of the sampling is not centrally determined. The Regulation No 1190/2012 allows the two ways of sampling without recommendations. The place of the sampling is decided by the County CA.

c. 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:

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) :

If there is an SE/ST positive sample in the holding taken by the FBO, the FBO can ask in writing the confirmatory sampling taken by the official veterinary from the County CA. The FBO has to justify, why is it

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necessary the confirmatory sampling (for example: the cooling was not right during the transport to the lab, the day-old chicken sample was collected from the transport vehicle, which was not right cleaning). There are no routine basis and definite criteria for ordering the confirmatory sampling. The County CA takes the decision of ordering the confirmatory sampling in consultation with the NRL and with the NFCSO. The confirmatory sampling can be ordered only in case of failure of sampling procedure, transport or testing of sample.

Birds or eggs originating unknown health status are under traffic restrictions as long as the result of the sampling of the flock arrives.

See point 4./ Article 12

- 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, samplings) 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):

The accompanying of sample is available in website of National Food Chain Safety Office. On this document has to be indicated inter alia the usage of antibiotics in the last 2 weeks. If the confirmatory test is permitted, the official vet takes at least 5 birds per house from all houses of the holding to testing for antimicrobials or bacterial growth inhibitors. If the test is positive for antimicrobials or bacterial growth inhibitors, it is considered infected flock.

The sampling of detecting antimicrobials in organs (liver and muscles) is taken in two cases: 1. In case of confirmatory sampling, 2. In case of the sample missing the normal intestinal flora. The use of antimicrobials in the treatment diary of the FBO is checked by the CA based on a checklist. In Hungary there is an annual monitoring plan included checking antimicrobials in fresh poultry meat, eggs and egg products.

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, vaccine providers, target flocks, number of doses administered per bird, etc) (max. 32000 chars):

In Hungary mainly attenuated live vaccines are used against *Salmonella* Enteritidis and Typhimurium, which can be distinguished from wild strains during testing. Only vaccines licensed by the European

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Medicines Agency or by the NFCSO can be used. The vaccination with live vaccines against SE and ST are usually used three-times in the rearing phase. (If the vaccines are monovalent vaccines, those are used six times: three-times against SE and three-times against ST.) Using of inactivated vaccines is rare, usually are used in valuable flocks in the rearing phase. In the frame of co-financing three vaccination can be taken for one flock. (Maximum 3 vaccination per animal). Some farmers use 2 SE and 1 ST vaccine in the co-financing frame and one more at his/her own costs. In the product phase of live vaccines are used in accordance with provisions of Article 3 of Regulation (EC) No 1177/2006. Using of inactivated vaccines is less than 5 %.

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 owner of the animals submits a payment application to the county government office. The county investigate the submitted bills and the biosecurity measures on the farm (going-over). The application is reviewed, the value of the animals is calculated upon data provided by the Poultry Product Board. If the animals are slaughtered, the salvage value (if any) is taken into account in calculating the compensation sum. If the documentation is complete, the compensation is paid from state budget within 90 days from the date of submission. In insurance payments the CA is not involved.

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

(max. 32000 chars) :

If the flock is infected by not relevant Salmonella spp., the examination of the efficacy of the disinfection has to check by the FBO. If the flock is infected by relevant Salmonella (SE, ST, SI, SV, SH), the examination of the efficacy of the disinfection has to check by the CA. The CA shall authorise the restocking of the airspace concerned only if the effectiveness of disinfection was verified by environmental swab samples test negative in the laboratory.

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 Central Competent Authority for official controls over implementation of the Salmonella National Control Programmes is the National Food Chain Safety Office which is under the Ministry of Rural

Breeding flocks of Turkeys

Development.

As of 1 January 2011, regional administrative bodies have been integrated into County Government Offices and as of 1 January 2013 administrative districts and districts offices were created as units of the government offices. These offices are under the administrative direction of the Ministry for Public Administration and Justice; however, the county and district authorities are under the functional authority and the technical guidance of the Central Competent Authority.

The FBO sample-results are reported by the Laboratory following each test to the district Competent Authority and to the veterinarian of the holding, in case of positive results also to the FBO and the county Competent Authority. The laboratories testing FBO samples send every quarter of the year a summary statement about the tests carried out to the District Competent Authority (DCA). The FBO does not have a reporting obligation.

There are semi-annual and annual reports in Hungary in the framework of the Salmonella National Control Programme (SNCP). The District Competent Authority (DCA) reports to the County Government Office (CGO) and the CGO reports to the Central Competent Authority (CCA) in accordance with Commission Decision 2014/288/EU.

2. Legal basis for the implementation of the programme

(max. 32000 chars):

Protection against salmonellosis is mandatory pursuant to the relevant EU provision as of 1 January 2007. A national decree was created and came into force on the 7th of January, 2008: Decree 2/2008. (I. 4.) of the Minister of Agriculture and Rural Development on specific rules of protection against salmonellosis) This Decree was repealed and a new Decree came in force on the 6th on January 2010 (Decree 180/2009. (XII. 29.) of the Minister of Agriculture and Rural Development on specific rules of protection against salmonellosis (hereinafter: "Decree") in accordance with Regulation (EC) No 2160/2003 and Regulation (EU) No 1190/2012 .

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 monitoring of the target Salmonella serovars (SE, ST) is in accordance with Regulation (EC) No 2160/2003 and Regulation (EU) No 1190/2012 Annex point 2.

It was 150 samples in 2020, non of them was not positive

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

(max. 32000 chars):

All poultry farms have to be registered according to Decree no. 119/2007. (X.18) of MARD on keeping

Breeding flocks of Turkeys

places, breeding farms and national registration system of their data if they meet the relevant criteria:

All commercial poultry farms have to be registered:

- which are considered as large-scale holdings according to a different piece of registration (that means: 2000 fattenings or 500 other adult poultry) or
- which sends poultry directly to the slaughterhouse (included laying flocks at the end of production) or
- which have a slaughtering permit for small producers.

Every poultry holding participating in the Salmonella National Control Programme (SNCP) has a registration/identification number, which number is given electronically by the Central Database at the time the FBO announces its holding at the District Competent Authority. The system of registration is based on Ministerial Decree no. 119/2007. (X.18) on keeping places, breeding farms and national registration system of their data.

The flock identification number derives from this identification number of the holding followed by the number of the airspace inside the poultry house and the date of the introduction/colonization of the poultry.

The registration required too for those which send poultry directly to the slaughterhouse included laying flocks at the end of production), or which have a slaughtering permit for small producers.

5. System to monitor the implementation of the programme.

(max. 32000 chars):

All holdings must be registered at the district veterinary office. The official district veterinary officer keeps and updates the record of holdings participating the programme. The official district veterinary officer also declares the status of the holdings according to their actual serological status.

The 19 Directorates of Food Chain Safety and Animal Health of County Government Offices (formerly named: Food Chain Safety and Animal Health of County Agricultural Office) coordinate and supervise the programme in their territory. They are required to annually report the actual status of the programme to the Animal Health and Animal Welfare Directorate of the National Food Chain Safety Office (formerly named: Central Agricultural Office).

The NFCSO sends excel sheets to the County Government Offices (flocks and animals, measures taken in case of SE/ST positive flock, data of vaccinations, data of compensations, official sampling) and to the laboratories (samples, confirmatory samples, test of antimicrobials, test to verify the efficiency of disinfection) according to the Regulation No 288/2014 twice per year to collect data from the implementation of the eradication programme.

Name: National Food Chain Safety Office

Animal Health and Animal Welfare Directorate

Name in Hungarian: Nemzeti Élelmiszerlánc-biztonsági Hivatal

Állategészségügyi és Állatvédelmi Igazgatóság

Address: H-1024 Budapest, Keleti Károly str. 24.

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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 Turkeys	160
Serotyping	Breeding flocks of Turkeys	10
Antimicrobial detection test	Breeding flocks of Turkeys	10
Test for verification of the efficacy of disinfection	Breeding flocks of Turkeys	10

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 Turkeys	160
Serotyping	Breeding flocks of Turkeys	10
Antimicrobial detection test	Breeding flocks of Turkeys	10
Test for verification of the efficacy of disinfection	Breeding flocks of Turkeys	10

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)	70	160
No of flocks in the programme	70	160
No of flocks planned to be checked (b)	70	160

Breeding flocks of Turkeys

No of flock visits to take official samples (c)	0	80
No of official samples taken	0	160
Target serovars (d)	SE + ST	SE + ST
Possible No of flocks infected by target serovars	0	5
Possible No of flocks to be depopulated	0	5
Total No of birds to be slaughtered/culled	0	5
Total No of eggs to be destroyed	Text	10
Total No of eggs to be heat treated	Text	10

(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)	70	160
No of flocks in the programme	70	160
No of flocks planned to be checked (b)	70	160
No of flock visits to take official samples (c)	0	80
No of official samples taken	0	160
Target serovars (d)	SE + ST	SE + ST
Possible No of flocks infected by target serovars	0	5
Possible No of flocks to be depopulated	0	5
Total No of birds to be slaughtered/culled	0	5 000
Total No of eggs to be destroyed	Text	100 000
Total No of eggs to be heat treated	Text	10

Breeding flocks of Turkeys

- (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	300
Number of flocks expected to be vaccinated	80
Number of birds expected to be vaccinated	300 000
Number of doses expected to be administered	600 000

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

Type of the test (description)	Target on vaccination
Number of flocks in the Salmonella programme	300
Number of flocks expected to be vaccinated	80
Number of birds expected to be vaccinated	300 000
Number of doses expected to be administered	600 000

Breeding flocks of Turkeys

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	Breeding Turkeys: Bacteriological detection test	160	20.16	3225.6	yes	75	2 419,2	X
Testing	Breeding Turkeys: Serotyping	10	47.01	470.1	yes	75	352,57	X
Testing	Breeding Turkeys: Antimicrobial detection test	10	20.23	202.3	yes	75	151,72	X
Testing	Breeding Turkeys: Test for verification of the efficacy of disinfection	10	40.44	404.4	yes	75	303,3	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	Cofinancing rate	Requested Union contribution in EUR	
Vaccination	Breeding Turkeys: Purchase of vaccine doses	600 000	0.085	51000	yes	75	38 250	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	Breeding Turkeys: Heat treated hatching eggs	10	0.8	8	yes	75	6	X
Compensation	Breeding Turkeys: Hatching eggs destroyed	10	0.8	8	yes	75	6	X
Compensation	Breeding Turkeys: Animals culled or slaughtered	5	24	120	yes	75	90	X
4. Cleaning and disinfection								

Breeding flocks of Turkeys

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	yes	75	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	Breeding Turkeys: Official sampling visit	80	7.81	624.8	yes	75	468,6	X
Total with Union funding request (€):				56063.2	including		42047.39	
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	Breeding Turkeys: Bacteriological detection test	160	20.16	3225.6	yes	75	2 419,2	X
Testing	Breeding Turkeys: Serotyping	10	47.01	470.1	yes	75	352,57	X
Testing	Breeding Turkeys: Antimicrobial detection test	10	20.23	202.3	yes	75	151,72	X
Testing	Breeding Turkeys: Test for verification of the efficacy of disinfection	10	40.44	404.4	yes	75	303,3	X

Breeding flocks of Turkeys

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	Cofinancing rate	Requested Union contribution in EUR	
Vaccination	Breeding Turkeys: Purchase of vaccine doses	600 000	0.085	51000	yes	75	38 250	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	Breeding Turkeys: Heat treated hatching eggs	10	0.8	8	yes	75	6	X
Compensation	Breeding Turkeys: Hatching eggs destroyed	100 000	0.8	80000	yes	75	60 000	X
Compensation	Breeding Turkeys: Animals culled or slaughtered	5 000	24	120,000	yes	75	90 000	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	yes	75	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	Breeding Turkeys: Official sampling visit	80	7.81	624.8	yes	75	468,6	X

Breeding flocks of Turkeys

Total with Union funding request (€):	255,935.2	including	191,951.39
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))

Samples from birds are taken by official veterinarians or private vets licenced with official rights . The cost of sampling is paid from state budget.

Breeding flocks of Turkeys

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)

Testing of the official samples is performed by the laboratories designated by NRL and is financed from state budget.

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

The owner of the animals submits a payment application to the county government office, where the application is reviewed, and compensation is paid from state budget.

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)

The FBO buy the vaccines and the private veterinary perform the vaccination. The owner of the animals submits a payment application to the county government office and enclose a declaration by the private vet of number of vaccinated animals, using doses of vaccines and the date of vaccination. After the application is reviewed, and compensation is paid from state budget.

Breeding flocks of Turkeys

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

The feed fed to infected flock shall be tested without delay in accordance with the special legislation on the manufacturing, placing on the market and use of feed, except when day-old birds test positive. The sampling is made by the official vet and is payed from state budget.

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

Please explain for which measures and why co-financing rate should be increased to 75%

Based on the Common Financial Framework (CFF), Member States whose gross national income (GNI) per inhabitant based on the latest Eurostat data is less than 90% of the Union average may increase the maximum rate of 50% general rate for grants to 75% of the eligible costs.

As for Hungary's GNI per inhabitant based on the latest Eurostat data is less than 90% of the Union average, we would like to ask for the increase of 75% of the eligible costs for the Hungarian program for the following measures: compensation for animals (slaughtering or culling) compensation for the destroyed products (destroyed eggs, heat treated non incubated hatching eggs), vaccines, cleaning, disinfection, disinsectisation of the holding and equipment for the years 2021-2022.

Breeding flocks of Turkeys

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

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 Turkeys

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
			Total size of attachments :	