



GF-TADs information webinar on the FMD situation in certain Member States of the European Union

FOOT AND MOUTH DISEASE in Slovakia



07th April 2025

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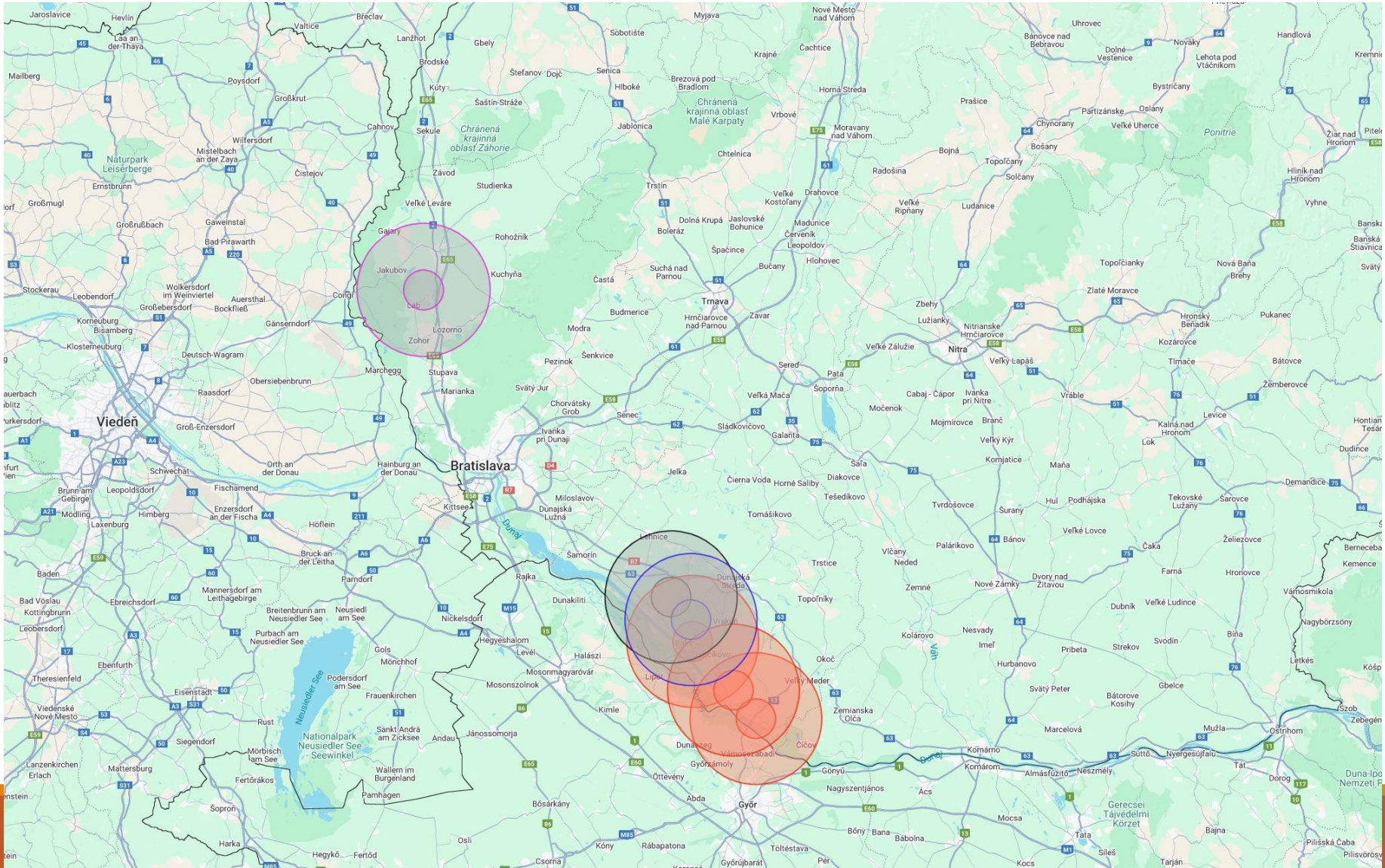
State Veterinary and Food Administration of the Slovak Republic

FMD in Slovakia

CURRENT SITUATION (state of play to 06/04/2025)

- **6 outbreaks** in commercial cattle holdings,
- 5 outbreaks in district Dunajská Streda, Trnavský region, 1 outbreak in Malacky district, Bratislavský region.

FMD in Slovakia



FMD in Slovakia

HOW DID IT ALL START?

20/03/2025

SUSPICION in 3 commercial cattle holdings close to SK – HU borders

Medved'ov, Ňárad and Baka

Samples collected by the National Reference Laboratory for FMD

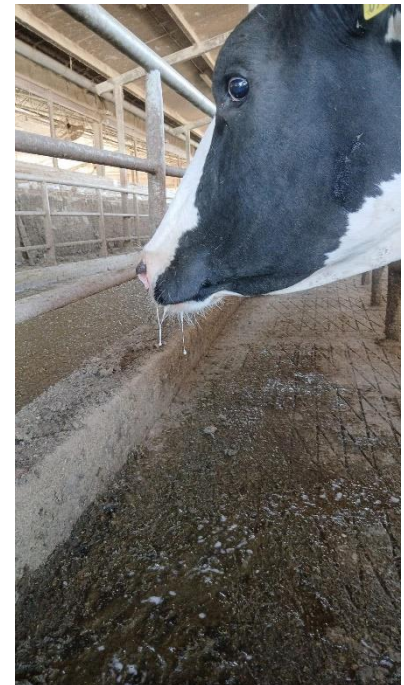
Type of samples: blood, nasal swabs and tissue

European Commission and neighbouring countries **alerted** by phone call by the CVO

FMD in Slovakia

20/03/2025

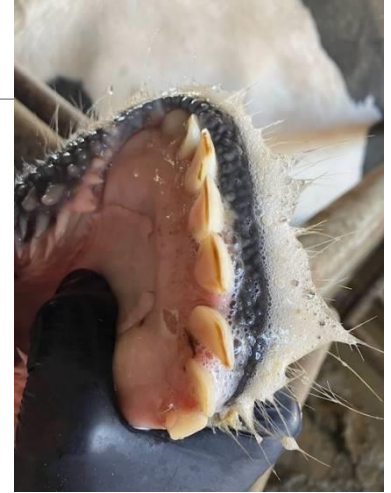
SUSPICION



FMD in Slovakia

20/03/2025

SUSPICION



FMD in Slovakia

21/03/2025

CONFIRMATION

of FMD in all 3 holdings (district Dunajská Streda, Trnavský region): veterinary measures applied at the positive farms and in the restricted zone (3 km protection zone and 10 km surveillance zone).

reported to ADIS/WAHIS

ADIS ID 13641 - WAHIS ID 173224

SK-FMD-2025-00001, SK-FMD-2025-00002 and SK-FMD-2025-00003

FMD in Slovakia

21/03/2025

Emergency measures have been issued by the **CVO** for the whole territory of the Slovakia

PROHIBITION OF:

- any movement of susceptible animals,
- the organization of all mass events, markets, exhibitions and gatherings of susceptible animals,
- the entry of unauthorized persons into the holdings of susceptible animals.

It is **ordered** for all breeders of susceptible animals throughout the entire Slovak Republic:

- the use of appropriate disinfectants when entering and exiting buildings for housing susceptible animals,
- a person entering or leaving a farm with susceptible animals must comply with the hygiene measures necessary to reduce the risk of spreading FMD virus and thoroughly disinfect all means of transport,

FMD in Slovakia

21/03/2025

Emergency measures have been issued by the **CVO** for the whole territory of the Slovakia

It is **ordered** for all breeders of susceptible animals throughout the entire Slovak Republic:

- cleaning and disinfection of means of transport and other vehicles and equipment that have been used to transport of susceptible animals or materials that may be contaminated, such as animal carcasses, feed, manure, slurry and others, as soon as possible after contamination,
- reporting without delay any suspicion of FMD symptoms to the relevant district veterinary and food administration,
- closing all exhibitions for presenting animals to the public, including zoos and circuses, where susceptible animals are kept.

Additional controls of vehicles started on whole Slovak territory.

FMD in Slovakia

21/03/2025

SVFA SK

- meeting of experts for epidemiological investigation,
- composed from SVFA and DVFA veterinary inspectors,
- to prepare field visits,
- preparations for deployment and sending of SVFA special killing unit to the outbreak in Baka.



VACCINE DELIVERY

- 10 000 doses delivered to Bratislava airport from Germany on 21/03/2025,
- another 50 000 doses delivered to Bratislava from Netherlands on 01/04/2025,
- suppressive vaccination (vaccine to kill) to quickly reduce viral load in a densely populated area in the outbreaks.

FMD in Slovakia

OVERVIEW OF THE OUTBREAKS

OUTBREAK No. 1 (MEDVEĎOV) SK-FMD-2025-00001

- confirmed on 21/03/2025,
- emergency vaccination on 22/03/2025,
- depopulation finished on 30/03/2025,
- preliminary C & D finished.

OUTBREAK No. 2 (ŇÁRAD) SK-FMD-2025-00002

- confirmed on 21/03/2025,
- emergency vaccination on 23/03/2025,
- depopulation finished on 01/04/2025,
- preliminary C & D is finished.



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OUTBREAK No. 3 (BAKA) SK-FMD-2025-00003

- confirmed on 21/03/2025,
- depopulation finished on 26/03/2025,
- preliminary C & D finished.

OUTBREAK No. 4 (MALÝ LÚČ) SK-FMD-2025-00004

- confirmed on 25/03/2025,
- depopulation finished on 28/03/2025,
- preliminary C & D finished.



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OUTBREAK No. 5 (PLAVECKÝ ŠTVRTOK) SK-FMD-2025-00005

- confirmed on 30/03/2025,
- emergency vaccination done,
- depopulation to be finished today.

OUTBREAK No. 6 (JUROVÁ) SK-FMD-2025-00006

- confirmed on 04/04/2025,
- emergency vaccination done,
- depopulation will start tomorrow, 08/04/2025.

FOOT AND MOUTH DISEASE (FMD)

(state of play until 02/04/2025)

CLINICAL SIGNS – OUTBREAK No. 5 (SK-FMD-2025-00005)



FMD in Slovakia

BIOSECURITY MEASURES

Restrictions on the movements: **workers** stayed at the farm, will be released only after decontamination.

At the exit from the farm there is a **decontamination facility** for **vehicles** (with the assistance of **firefighters**), as well as on the access roads to/from the village,

- the place is guarded by the police.



FMD in Slovakia

DECONTAMINATION FACILITY ON THE FARM



FMD in Slovakia

European Union Reference Laboratory for foot-and-mouth disease:

GENOTYPING REPORT N° SK/2025_01

Genetic characterization of the FMD virus - Sample: SK/1/2025

Serotype	O
Topotype	ME-SA
Lineage	PanAsia-2
Sublineage	ANT-10

European Union Reference Laboratory for foot-and-mouth disease



BLAST analysis results

Most closely related sequences

Virus name	Serotype	Topotype	Lineage	Sublineage	Length	Identity (best hit)
HUN/25Z002060/2025_ANSES	O	ME-SA	PanAsia-2	ANT-10	639	100.00
HUN/25Z002061/2025_ANSES	O	ME-SA	PanAsia-2	ANT-10	639	100.00
HUN/25Z002062/2025_ANSES	O	ME-SA	PanAsia-2	ANT-10	639	100.00
HUN/25Z002063/2025_ANSES	O	ME-SA	PanAsia-2	ANT-10	639	100.00
HUN/1/2025	O	ME-SA	PanAsia-2	ANT-10	639	100.00

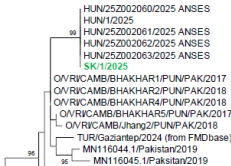
European Union Reference Laboratory for foot-and-mouth disease



Phylogenetic analysis

Analysis parameters

Sequence alignment method	MUSCLE
Sequence alignment length	633
Phylogeny reconstruction method	ML
Model used	K2 + G
Number of bootstrap samples	1000
Displaying bootstrap values above	70%



FMD in Slovakia

SAMPLING

- intensive sampling in restricted zones is ongoing.

Number of samples	4 747
Positive samples	233

<i>PCR/positive</i>	<i>NSP ELISA/positive</i>
4 035/160	712/73

FMD in Slovakia

SUMMARY

- 6 confirmed outbreaks until 06/04/2025,
- measures according EU legislation are in place,
- sampling is ongoing,
- the **ban on export** of live susceptible animals from whole Bratislavský, Trnavský and Nitriansky region (FURTHER RESTRICTED ZONE) is in place,
- it is allowed to send live susceptible animals from the free part of Slovakia to the slaughterhouses within the EU,
- public awareness.

THANK YOU FOR YOUR ATTENTION

