



MINISTRY OF AGRICULTURE
BULGARIAN FOOD SAFETY AGENCY

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SARS-CoV-2 in a mink farm
BULGARIA

PAFF Committee, Brussels, 23-24/11/2023

SARS-CoV-2 in a mink farm

Region	Stara Zagora
Village	Madzgerito
Category of establishment	Mink farm
Total number of animals	71034
Epidemiological units, n	2 units
Date sampling	19.10.2023
Date of confirmation	20.10.2023
Samples taken, n	118 *
Positive samples, n	98
Animas with clinical signs	No clinical signs nor increase of mortality (mortality rate 0,002%),



*National monitoring and control programme for SARS-CoV-2 in Bulgaria, 2021-2024: weekly sampling of every dead and sick animal from each epidemiological unit (target 5% prevalence and 95% confidence) or from random live animals (in the absence of dead or sick animals) are taken and tested for presence of SARS-CoV-2 virus genome (in line with CID (EU) 2021/788 of 12 May 2021 laying down rules for the monitoring and reporting of infections with SARS-CoV-2 in certain animal species, No longer in force)

SARS-CoV-2 in a mink farm: Control measures applied

- Ban for movement of animals and products. Restricted access visitors to farm, including tracing of visitors;
- Strengthening biosecurity measures, cleaning and disinfection equipment/vehicles, rodent control, and strict control of the provision for personal protective equipment;
- Isolation and quarantine of animals showing clinical signs of infectious diseases;
- Disposal under official control of carcasses of dead animals and other animal by-products, according to the requirements specified in Regulation (EC) No. 1069/2009;
- Communication and cooperation with Public health authorities:
 - further investigation of the workers (testing and quarantine in case of positives): one positive (PCR+) without symptoms confirmed;
 - phylogenetic analysis to characterize the virus and its comparison with already known sequences: SARS-CoV-2 and FY1.2 XBB.1.22 was confirmed.
- Epidemiological investigation – inconclusive.

SARS-CoV-2 in a mink farm: Control measures applied

- From 23.10.2023 to 20.11.2023:
 - Three consecutive sampling of the animals negative for SARS-CoV-2;
 - One additional sampling of the personnel negative for SARS-CoV-2.
- The National monitoring and control programme for SARS-CoV-2 in Bulgaria, 2021-2024 to be continued;
- Effective risk communication and coordination with Public health authorities in place.



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**Thank you
for the attention!**

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