

Italy - SARS-CoV-2 in animals (Inf. with) - Follow-up report 19

GENERAL INFORMATION

| COUNTRY/TERRITORY OR ZONE | ANIMAL TYPE | DISEASE CATEGORY | EVENT ID |
|-----------------------------------|-------------------------|-------------------------------|--------------|
| ZONE | TERRESTRIAL | Emerging | 4746 |
| DISEASE | CAUSAL AGENT | GENOTYPE / SEROTYPE / SUBTYPE | START DATE |
| SARS-CoV-2 in animals (Inf. with) | SARS-CoV-2 | - | 2022/11/10 |
| REASON FOR NOTIFICATION | DATE OF LAST OCCURRENCE | CONFIRMATION DATE | EVENT STATUS |
| Emerging disease | - | 2022/11/15 | On-going |
| END DATE | SELF-DECLARATION | | |
| - | NO | | |

REPORT INFORMATION

| REPORT NUMBER | REPORT ID | REPORT REFERENCE | REPORT DATE |
|---------------------|---------------------|------------------|-------------|
| Follow-up report 19 | FUR_160703 | - | 2023/05/03 |
| REPORT STATUS | NO EVOLUTION REPORT | | |
| Validated | - | | |

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Fomites (humans, vehicles, feed, etc.)

EPIDEMIOLOGICAL COMMENTS

The minks were controlled in the framework of a national surveillance plan.

QUANTITATIVE DATA SUMMARY

MEASURING UNIT

Animal

| Species | | Susceptible Cases | Deaths | Killed and Disposed of | Slaughtered/ Killed for commercial use | Vaccinated |
|------------|-------|-------------------|--------|------------------------|--|------------|
| mustelidae | NEW | 1000 | 1 | - | - | - |
| (domestic) | TOTAL | 2523 | 3 | 1 | - | - |

DIAGNOSTIC DETAILS

CLINICAL SIGNS

YES

METHOD OF DIAGNOSTICClinical,
Diagnostic test

| Test name | Laboratory | Species sampled | Number of outbreaks sampled | First result date | Latest result date | Result |
|---|--|-----------------|-----------------------------|-------------------|--------------------|----------|
| Real-time polymerase chain reaction (real-time PCR) | Experimental Zooprophyllactic Institute (IZS), Venezie | Mustelidae | 2 | 2022/11/15 | 2023/04/27 | Positive |

CONTROL MEASURES**CONTROL MEASURES AT EVENT LEVEL**

Disinfection

Movement control

Official disposal of carcasses, by-products and waste

Stamping out

Traceability

DOMESTIC ANIMALS

Applied

Applied

Applied

Applied

Applied

WILD ANIMALS**NEW OUTBREAKS**

OB_117961 - IT_SARS-COV-2_2023_1 - CALVAGESE DELLA RIVIAERA

| OUTBREAK REFERENCE | START DATE | END DATE | DETAILED CHARACTERISATION |
|-------------------------------|--------------------------------|-------------------------------|---------------------------|
| IT_SARS-CoV-2_2023_1 | 2023/04/21 | - | - |
| FIRST ADMINISTRATIVE DIVISION | SECOND ADMINISTRATIVE DIVISION | THIRD ADMINISTRATIVE DIVISION | EPIDEMIOLOGICAL UNIT |
| Lombardia | Brescia | Bedizzole | Farm |
| LOCATION | Latitude, Longitude | OUTBREAKS IN CLUSTER | Measuring unit |
| Calvagese della Riviera | 45.516105 , 10.457794 | - | Animal |

AFFECTED POPULATION DESCRIPTION

The Database of Global Administrative Boundaries (GADM) used by WAHIS provides Bedizzole as the municipality corresponding to the given coordinates. As a matter of fact the location of the infected premises is the municipality of Calvagese della Riviera. The disease was found in the context of active surveillance required by current legislation for mink farms for SARS-CoV-2 research.

| Species (latin name) | Wildlife type | Susceptible | Cases | Deaths | Killed and Disposed of | Slaughtered/ Killed for commercial use | Vaccinated |
|----------------------|---------------|-------------|-------|--------|------------------------|--|------------|
| mustelidae | NEW | 1000 | 1 | - | - | - | - |
| (domestic) | TOTAL | 1000 | 1 | - | - | - | - |

METHOD OF DIAGNOSTICDiagnostic test,
Clinical**CONTROL MEASURES DIFFERENT FROM EVENT LEVEL**

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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