



Bavarian State Ministry of the  
Environment and Consumer Protection



# Foot-and- mouth disease

## Biosecurity measures



Bayerische  
Landestierärztekammer  
Körperschaft des öffentlichen Rechts



Federation  
of Veterinarians  
of Europe

# Help to prevent the spread of foot-and-mouth disease!

There has been a clear increase in FMD cases in Europe this year. We require **your cooperation** to **protect our livestock** and to prevent the disease from spreading.



As a livestock owner, you are legally obliged to ensure that animal diseases are neither introduced into nor spread from your animals.

By complying with the **biosecurity measures** you will also protect your own livestock.

- **FMD**

is a **highly contagious viral disease** that affects cloven-hoofed animals in particular (cattle, goats, sheep, pigs and other cloven-hoofed animals). There is no risk of infection for humans.

- **TRANSMISSION**

FMD is transmitted either **directly** (from animal to animal, e.g. after purchases) or **indirectly** (via clothing, footwear, vehicles, equipment or food of animal origin).

The FMD virus can **survive for a long time** in the environment and animal products.

- **SYMPTOMS**

Foot-and-mouth disease is accompanied by **fever, lameness** and **skin and mucous membrane lesions**.



# Protect your livestock with biosecurity and hygiene measures:

- No entry to the farm for external persons or only when wearing the farm's own **protective clothing** or disposable protective clothing.
- Always use clean, farm-owned stable apparel or disposable protective clothing when working with livestock.
- **Use sluice gates** to direct external persons **in and out** (with washing and disinfection facilities).
- Clean clothing on site (at least **60°C**) or **throw away** disposable clothing on site.
- No unnecessary vehicle traffic in the yard.
- Observe adequate **cleaning and disinfection measures** (clothing, shoes, equipment and vehicles).
- Avoid using external objects and vehicles or, if necessary, only do so after proper cleaning and disinfection.
- Store dead animals safely (in a closed container/room). Ensure their collection by an Animal Welfare Officer (TBA) without driving onto the farm (disinfect collection point).
- Protect your farms from rodents and wild animals.
- Train (seasonal) **workers in regard to the specific hygiene system at your farm** and emphasise in particular that leftover food must be kept away from the animals.
- Employees should not themselves keep any animals belonging to susceptible species.
- Avoid unnecessary contact with animals from other animal husbandries.
- Farm employees must perform suitable hygiene measures after hunting.
- Keep **records** on farm visits of any kind (TBA, feed, inseminator technician) and document animal movements accurately.
- Only purchase livestock from safe farms of origin.
- **Isolate** conspicuous animals and keep new arrivals under adequate **quarantine** conditions. Ensure that adequate and **separate quarantine and sick areas** are available.

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These main points should help you to incorporate the necessary biosecurity measures in your farm concepts and therefore prevent the introduction of foot-and-mouth disease.

The list must always be adapted and expanded to suit the **specific systems at the farms**. Consult with your vet, professional colleagues, associations or other experts if you have any questions and **update your system regularly**. Familiarise yourself with **current developments** at all times.

## Additional information

Federal Ministry of Agriculture, Food and Community [bmleh.de](http://bmleh.de)

Friedrich-Loeffler-Institut [fli.de](http://fli.de)

Bavarian Health and Food Safety Authority [lgl.bayern.de](http://lgl.bayern.de)

LGL image material for FMD symptoms:



Bavarian State Chamber of Veterinarians [bltk.de](http://bltk.de)

Federation of Veterinarians of Europe [fve.org](http://fve.org)

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