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African horse sickness

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In this guide, the words 'must' or 'must not' are used where there is a legal requirement to do (or not do) something. The word 'should' is used where there is established legal guidance or best practice that is likely to help you avoid breaking the law.

This guidance is for Wales

African horse sickness is a disease that affects equidae - for example, horses, donkeys, mules, etc. The word 'horse' in this guide means any of these animals.

It is an infectious and fatal disease, and is classified as an orbivirus. It does not spread directly from one horse to another, but is transmitted by the *Culicoides* midge, which becomes infected when feeding on other infected equidae.

The disease has never been present in Great Britain; it occurs mostly in the warm and favours heavy rainfall in sub-Saharan Africa where it is endemic.

What is the possible impact of the disease?

African horse sickness is a notifiable disease; therefore, you must contact the Animal and Plant Health Agency (APHA) on 0300 303 8268 if you suspect the disease.

Due to the nature of the disease, any animals suspected of having African horse sickness will be isolated, and movement restrictions put in place. Blood tests would be undertaken to confirm the disease and any infected animals may be killed.

Clinical signs

There are four forms of the disease: the first affects the lungs, the second affects the heart, the third is a mixture of these two and the fourth is a mild form of the disease.

The lung form can show the following signs:

- very high fever
- difficulty in breathing, with mouth open and head hanging down
- frothy discharge may pour from the nose
- sudden death

The heart form can show the following signs:

- fever, followed by swelling of the head and eyes (in severe cases, the entire head swells)
- loss of ability to swallow and colic signs may occur
- bleeding (of pinpoint size) in the membranes of the mouth and eyes
- death comes later than in the lung form, occurring four to eight days after the fever has started
- lower death rate than the lung form

The mixed form is characterised by signs of both the lung and heart forms of the disease.

The mildest 'fever' form is characterised by fever without other clinical signs. It has the lowest death rate.

What happens if disease is confirmed?

The premises where disease is confirmed will be put under restriction, so no animals can move on or off.

A Control Zone, Protection Zone and Surveillance Zone may be set up around the infected premises.

The Control Zone must have a radius of at least 20 km, the Protection Zone must have a radius of at least 100 km and the Surveillance Zone must have a radius of at least 150 km, each centred on the part of the premises that the Welsh Government considers most appropriate for disease control.

Horses contained within these Zones may be placed under movement restrictions and be required to be tested.

Can people catch the disease?

African horse sickness does not affect humans, so there are no human or public health implications.

What can be done to reduce the risks?

Maintain good biosecurity. Guidance on biosecurity is available on the GOV.UK website.

If you import any animals ensure that they are isolated and monitored. All imports must comply with the legal requirements and you must ensure that all documentation for imported horses is complete and accurate. See 'Importing animals' for more information.

If you are concerned that your horse is unwell you should contact your local veterinary surgeon.

If you suspect that your horse has any of the clinical signs of African horse sickness, then this needs to be reported immediately to APHA, as well as your private veterinary surgeon. Information on notifiable diseases in animals can be found on the GOV.UK website.

Legislation applicable to African horse sickness

The African Horse Sickness (Wales) Regulations 2013 make provisions for dealing with any suspected and confirmed cases of African horse sickness. The Regulations give powers to set up Control Zones and allows veterinary officers to take blood samples from animals within the Zones.

The Regulations set out special provisions for dealing with slaughterhouses and non-captive horses, and prohibit vaccination against African horse sickness except in the circumstances covered within the Regulations.

Further information

The *African Horse Sickness Control Strategy for Great Britain* is available on the GOV.UK website.

APHA has produced a poster for vets about how to spot and report African horse sickness.

Notifiable diseases

For information on diseases that are notifiable (which means there is a legal requirement to report cases and suspected cases to APHA), please see 'Notifiable diseases'.

Disease alerts

Livestock keepers can stay up to date with the latest African horse sickness developments via the APHA alert subscription service.

Trading Standards

For more information on the work of Trading Standards services - and the possible consequences of not abiding by the law - please see 'Trading Standards: powers, enforcement and penalties'.

In this update

Link added to new APHA poster.

Last reviewed / updated: October 2025

Key legislation

- African Horse Sickness (Wales) Regulations 2013

Please note

This information is intended for guidance; only the courts can give an authoritative interpretation of the law.

The guide's 'Key legislation' links go to the legislation.gov.uk website. The site usually updates the legislation to include any amendments made to it. However, this is not always the case. Information on all changes made to legislation can be found by following the above links and clicking on the 'More Resources' tab.

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Source URL:
https://www.businesscompanion.info/en/quick-guides/animals-and-agriculture/african-horse-sickness-w