Infectious disease & vaccine status update

BHC meeting - 9 December 2022

Richard Newton

Equine Infectious Disease Surveillance https://equinesurveillance.org/































- •Equine influenza vaccine shortage vaccination catches an autumn cold!
- •Equine influenza virus activity buy one get one free at the sales!
- •West Nile virus (WNV) catching a ride to the UK!



El vaccine shortage

- August 2022 technology upgrade problem restricted Boehringer Ingelheim (BI) accessing its ProteqFlu stocks
 & leading to a Europe-wide shortage
- ·BI pledged resumption of supply by end of October 2022

BEVA and horse bodies monitoring equine flu vaccine supply issues

Pan-European logistical problem is expected to impact on supplies from one manufacturer in the coming months, with it and others saying they are taking steps to meet supply demands.





The efforts that were made....

- BEVA risk-based framework for extending booster intervals
 - FAQs, decision tree tool, online webinar, video updates etc
- Sporting bodies temporarily amended vaccine protocols
 - •BHA, FEI, British Equestrian.....
- VMD permitted & vet practices facilitated transfer of El vaccines between practices
 - Corporate practices consulted & contributed
- VMD granted special import certificates for combined EI/EHV vaccine from USA





Where we are now....

- •ProteqFlu came back into stock w/c 7 November 2022 with a further delivery due in January 2023
 - ·Some care required as ProteqFlu-Te more limited
- •Imported Vetera 2^{XP} still available from wholesalers through a special import certificate (SIC)
- Read all about it!
 - EVJ Editorial

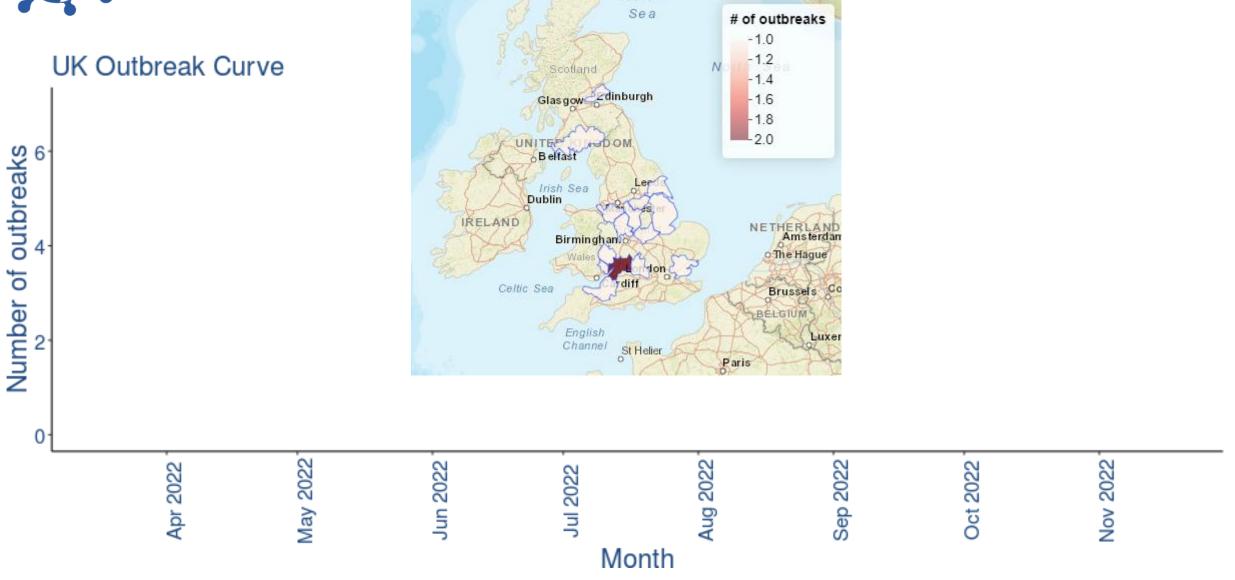


Equine influenza vaccination catches an autumn cold! But must get over it as soon as it can

J. Richard Newton 🔀, David I. Rendle, David R. Mountford, Celia M. Marr



But EI is not an issue in 2022 is it?



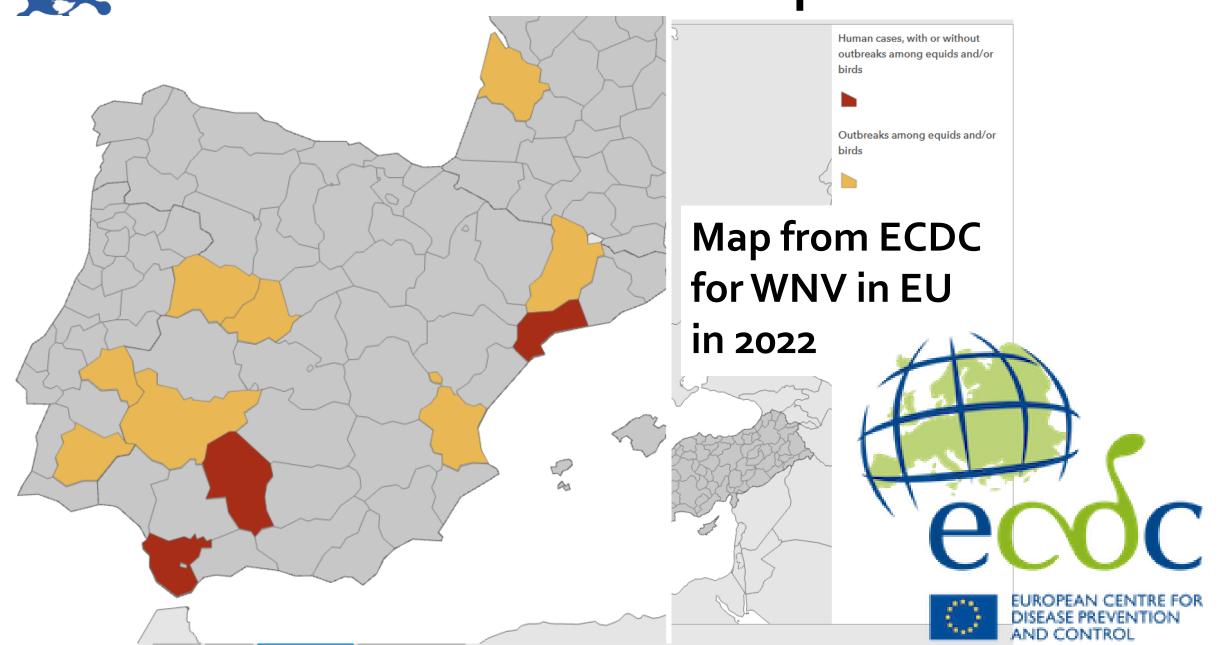


EIDS UK El outbreaks since 27 October....

- •16 El outbreaks in UK between 27 Oct & 14 Nov 2022
 - •6 outbreaks linked to Shetland pony sale at Worcester Livestock Market between 16-18 October 2022
 - 2 others confirmed but without consent to report
 - •7 outbreaks linked to recent imports from Ireland, many linked to a Sports horse sale between 26-28 October 2022
 - •3 other outbreaks 1x recent arrival, 1x import from Europe & 1x horse bought at non-specified sale
- All unvaccinated or lapsed vaccinated animals



WNV Europe 2022





WNV confirmed in UK....

- Unvaccinated 7-year-old Warmblood mare with clinical neurological signs
- Attended Sunshine Tour event in southern Spain for several weeks in October 2022
- Signs first noted during return to UK & then admitted to veterinary hospital in Hertfordshire, England
- •EHV-1 excluded & WNV confirmed by positive IgM ELISA by APHA on 6 November 2022
- Important to note there was no risk from this horse to other horses, humans or mosquito vectors



Report

International Collating Cer



Equine Surveillance

to Equine, bcc: me 🔻

Dear all

Please find our recent notifications. For mo
If you would like to be removed from the I

Condition Da

EHV-4 - Respiratory 2022

WNV - Neurological 2022

INTERNATIONAL COLLA'
Information Exchange on Equine I

Kindly supported

ITBF



International Collating Centre Interim Notification

For full ICC event analysis please visit our website

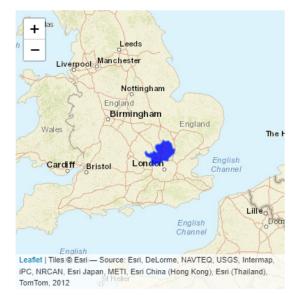
Report Date: 2022-11-06

Reported by: APHA

United Kingdom - Hertfordshire

WNV - Neurological

Location of event



Description

On 6 November 2022, the Animal and Plant Health Agency (APHA) confirmed a case of WNV neurological disease in an unvaccinated seven-year-old Warmblood mare that started developing early clinical signs of muscle fasciculations and gait abnormalities during its return journey to the UK, after attending a competition event for several weeks in southern Spain. The case was admitted to a veterinary referral hospital in Hertfordshire on its return and clinical signs progressed to extensive muscle fasciculations most prominent over the face and shoulders, appearance of general discomfort and abnormal posture, reluctance to lower its neck and subsequently ataxia and hind limb weakness. After excluding neurological EHV-1, the positive diagnosis of WNV was confirmed by positive WNV IgM antibody detection ELISA in serum collected on 4 November 2022. Clinical signs quickly stabilised and gradually improved over subsequent days and the horse was discharged on 8 November for continued recuperation at home. Note of clarification: Given that the onset of signs was on the journey returning to the UK, this case most likely acquired WNV infection whilst located in southern Spain, an area of Europe that has previously recorded WNV infections in horses. As horses are incidental hosts for WNV and do not pose an infectious risk to other animals humans or mosquito vectors there is no suggestion





Welcome to the registration pages for TellTail, the Boehringer Ingelheim Animal Health text message alert service for Equine infectious diseases. This service will alert you to outbreaks of Equine Influenza and Equine Herpes Virus in the UK by text message to your mobile phone.

This is a free service for UK-based veterinary surgeons and professional keepers of horses.

Please complete the following fields:

This service is for veterinary surgeons or professional keepers of horses only. Please confirm that you are a veterinary surgeon or professional keeper of horses in the UK.

Please select your title	
Please select	\$
First Name	
Last Name	



Wed 9 Nov at 12:13

A case of West Nile Virus (WNV) has been confirmed in Hertfordshire. Further info at https://bit.ly/3zZO0pU. Sent by Boehringer Ingelheim. Optout http://sb.st

Thu 10 Nov at 20:55

A case of equine influenza has been confirmed in East Yorkshire. Further info at http:// bit.ly/3DPaew8. Sent by Boehringer Ingelheim. Optout http://sb.st

Fri 11 Nov at 11:48

A case of equine influenza has been confirmed in Essex. Further info at http://bit.ly/ 3A78Dk5. Sent by Boehringer Ingelheim. Optout http://sb.st

An outbreak of equine





Text Message





WNV -Neurological

Location of event Description



(Hong Kong), Esri (Thailand), TomTom, 2012

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