

KANSAS ANIMAL HEALTH NEWS

Spring 2018

In This Issue:

Page 1
FAD Investigations

Page 2
Kansas Animal Health
Reportable Diseases List

Page 3:
No APHIS 7001 CVIs

VS Form 10-11 (Coggins)

Animal Facilities Inspection:
New Electronic Inspection
Program

Page 4:
2017 Kansas Trichomoniasis
Summary

Low-Pathogenic Avian
Influenza Confirmed

Page 5:
Secure Food Supply Plans

Page 6:
Agriculture Emergency
Response Workshops

FOREIGN ANIMAL DISEASE INVESTIGATIONS

One mission of the Kansas Division of Animal Health is to safeguard our livestock industry against the intentional or non-intentional introduction of any Foreign Animal Disease.

Private practitioners, diagnostic laboratories, animal hospitals and producers must, by law, report any clinical symptoms suggestive of a possible FAD, large-scale mortality, or other disease listed as reportable to the Animal Health Commissioner.

A list of these reportable diseases is included on the next page. Note that Swine Enteric Coronavirus Disease

is not on the Kansas disease list and was recently removed from the list of federally-reportable diseases.

When KDA receives notification of a possible FAD situation, a state or federal field veterinarian will respond to investigate. These responders have been specially trained to identify clinical signs of FADs. It is important to note that investigations like this are conducted regularly, averaging more than 800 investigations per year nationwide.

Below is a chart of the Foreign Animal Disease investigations conducted in 2017 on Kansas livestock and poultry.

2017 FAD Investigations			
Disease of Concern	Species	Number of Investigations	Diagnostic Laboratory Result
Foot-and-Mouth Disease (FMD), Senecavirus-A (SVA), Swine Vesicular Disease (SVD)		5	3 Investigations Positive for SVA
FMD, Vesicular Stomatitis Virus (VSV)		2	Negative
New World Screwworm		2	Negative
New World Screwworm		1	Negative
Influenza A Virus		4	Negative

KANSAS ANIMAL HEALTH REPORTABLE DISEASES

The Kansas Department of Agriculture's Division of Animal Health mission is to ensure the public health, safety and welfare of Kansas' citizens through the prevention, control and eradication of infectious and contagious diseases and conditions affecting the health of livestock and domestic animals in Kansas. The Animal Health Commissioner has determined the animal diseases listed below to be immediately reportable to Kansas Animal Health officials. Other diseases the Animal Health Commissioner determines to be immediately reportable due to an animal health emergency situation may be added at any time.



CERVID & CAMELID

- Foot and Mouth Disease
- Vesicular Stomatitis
- Tuberculosis (active and latent)
- Anthrax
- Brucellosis
- +Rabies
- Chronic Wasting Disease
- Johne's Disease



CATTLE

- Foot and Mouth Disease
- Vesicular Stomatitis
- Tuberculosis (active and latent)
- Anthrax
- Brucellosis
- +Rabies
- Rinderpest
- Psoroptic Mange
- Scabies
- Johne's Disease
- Trichomoniasis
- Bovine Spongiform Encephalopathy



EQUINE

- Piroplasmosis
- Vesicular Stomatitis
- Equine Infectious Anemia
- Anthrax
- Brucellosis
- +Rabies
- Equine Herpesvirus Myeloencephalopathy (EHM)
- Western, Eastern and Venezuelan Equine Encephalomyelitis
- West Nile Virus



SHEEP & GOATS

- Foot and Mouth Disease
- Vesicular Stomatitis
- Scabies
- Anthrax
- Scrapie
- Psoroptic Mange
- Brucellosis
- +Rabies
- Tuberculosis (active and latent)
- Johne's Disease



SWINE

- Foot and Mouth Disease
- Vesicular Stomatitis
- Classical Swine Fever/Hog Cholera
- Anthrax
- Vesicular Exanthema
- Pseudorabies
- Brucellosis
- +Rabies
- African Swine Fever
- Porcine Epidemic Diarrhea Virus (PEDv)



AVIAN

- Avian Influenza
- Fowl Typhoid
- Exotic Newcastle Disease
- Psittacosis
- Pullorum



DOGS & CATS

- Avian Influenza
- Brucellosis
- +Rabies

ZOONOTIC

A zoonotic disease is an infectious disease that can be transmitted from animals to humans.

Many of these diseases, when diagnosed in humans, are reportable to KDHE and include:

- Anthrax
- Brucellosis
- Psittacosis
- Rabies
- Tuberculosis
- West Nile Virus

A complete list of reportable diseases in humans can be found at www.kdheks.gov/epi

+Report all suspect or confirmed cases of rabies, including rabies in animals, to KDHE at 1-877-427-7317.

KDA: 785-564-6601 • KDHE Hotline: 877-427-7317

KDA Division of Animal Health • 1320 Research Park Drive, Manhattan, KS 66502 • 785-564-6601 • agriculture.ks.gov/animalhealth



KANSAS ANIMAL HEALTH NEWS

APHIS 7001 CVIs NOT ACCEPTED

The Kansas Department of Agriculture Division of Animal Health, along with at least 15 other states, no longer recognizes the APHIS Form 7001 for interstate travel.

This decision was made to protect veterinarians, as the APHIS Form 7001 not only lacks a unique individual certificate number, but also is readily available for download off the internet by anyone, with no accountability as to who uses or receives the certificate.

Several alternative options exist as electronic certificates of veterinary inspection for interstate travel, including the mCVI and the eCVI. Call the KDA-DAH office at 785-564-6601 for details about these and other electronic forms.

VS FORM 10-11 (COGGINS)

We are requesting the assistance of accredited veterinarians to ensure that VS Form 10-11s are completed in entirety prior to submission.

USDA-approved EIA labs cannot perform testing on samples arriving with incomplete VS Form 10-11s. Each box on the form must be completed. If there is nothing pertinent, then either draw a simple line, or indicate N/A in the corresponding box.

An accurate description of the horse is crucial. Please include a written description in addition to the drawing or picture. This detailed description serves as official ID for each horse and is vital for not only interstate and international export, but also during an active disease incident when traceback may be necessary.

ANIMAL FACILITIES INSPECTION NEW ELECTRONIC INSPECTION PROGRAM

The Animal Facilities Inspection Program has worked several months to establish a new electronic inspection form through the program's USAHerds database system.

This electronic form will allow the AFI inspectors to complete inspections within the current database, and eliminate the current process of scanning and uploading handwritten paper reports. The new system will print inspection sheets that are easy to read and understand.

In addition, the AFI program recently restructured and condensed regulations from seven different sets of regulations down to two. This restructuring has allowed the program to move forward with the new electronic inspection. The electronic system is currently being tested in the field, with positive feedback.

We ask that licensees be patient with this new process and allow our field inspectors to have an area within your businesses to set up a laptop computer to complete inspection reports. We expect the electronic inspection process to be in full swing by mid-April.

*If you have items to add to the next issue or would like added to our distribution list,
please email Kendra Frasier at kendra.frasier@ks.gov.*

KANSAS ANIMAL HEALTH NEWS

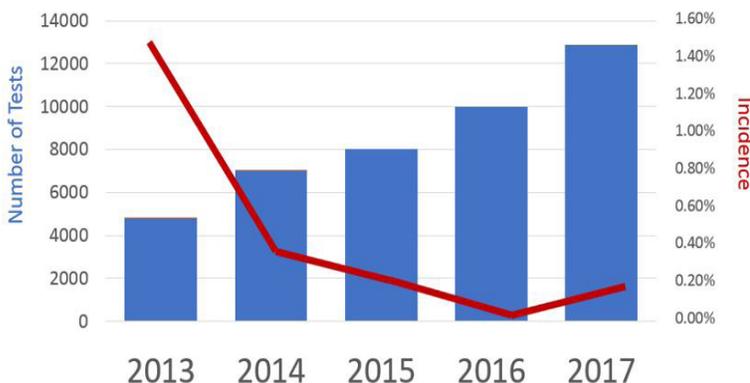
2017 KANSAS TRICHOMONIASIS SUMMARY

Kansas saw a slight increase in the number of trichomonas-infected bulls and cattle herds in 2017, but the incidence is lower than neighboring states. There were nine new cases diagnosed in 2017, compared to only three cases in 2016. These cases involved 10 positive herds encompassing approximately 2500 cows and 23 positive bulls. The positive cases resulted in 18 herds being placed under quarantine due to possible exposure, and these herds performed increased testing to satisfy the quarantine requirements.

Survey results of the positive herds revealed that most of the positive bulls ranged from 5-7 years old. Approximately 50 percent of the affected herds reported carrying over open heifers or cows. All of the positive herds had contact with short-bred or open “used” cows.

Trichomoniasis is a venereal disease spread only through sexual contact. All ages of bulls can carry the disease, but the disease impact is poor reproductive performance in cows. Bulls must be sexually rested for 14 or more days before testing.

The graph below shows that the number of Trich tests has gone up steadily since 2013, and the red line indicates the decreasing incidence.



LOW-PATHOGENIC AVIAN INFLUENZA CONFIRMED

In early March, the USDA and the Missouri Department of Agriculture confirmed the first 2018 commercial case of avian influenza in a facility near the Kansas/Missouri border. It was diagnosed as a low-pathogenic strain in a meat turkey farm during routine pre-slaughter testing. A second Missouri LPAI case was confirmed in a layer facility in mid-March.

There are two commercial poultry operations in Kansas located within a 10-kilometer area surrounding the facility. In initial surveillance testing, both facilities tested negative for avian influenza, and weekly surveillance will continue.

Texas also recently reported a case of low-pathogenic avian influenza in a layer facility. These cases serve as reminders that avian influenza remains a threat to our poultry flocks. Proper biosecurity measures and diligent monitoring are vital to controlling the impact of this potentially devastating disease.

Avian Influenza is extremely contagious. It exists naturally in many wild birds and can be transmitted by contact with infected animals or ingestion of infected food or water. Although extremely rare, humans and other mammals can be vulnerable to the disease. Avian influenza, however, is NOT a food safety concern.

Prevention is the best way to combat avian influenza:

- Keep your poultry away from any water source that may have been contaminated by wild birds.
- New birds introduced to your facility should be isolated for 30 days.
- Restrict traffic on and off your farm, and thoroughly disinfect any material entering and leaving the farm such as tires, equipment, and clothing.
- Stay informed about the health of neighboring flocks.

KANSAS ANIMAL HEALTH NEWS

KANSAS SECURE FOOD SUPPLY PLANS

Kansas Secure Food Supply plans are designed to provide guidance to producers and animal health responders for maintaining continuity of business while, most importantly, effectively controlling and eradicating disease during a foreign animal disease (FAD) outbreak.

Continuity of business can be defined as: the management of non-infected premises and non-contaminated animal products in the event of an FAD outbreak. Continuity of business provides science- and risk-based approaches and systems as a critical activity in any FAD response.

This helps agriculture and food industries maintain typical business or return to business during a disaster response, while the risk of disease spread is effectively managed.

The species- or commodity-specific plans are made up of components including preparedness, biosecurity recommendations, surveillance standards, and movement and permitting guidelines, focusing on major relevant FADs, such as highly pathogenic avian influenza, and foot and mouth disease.

This is a voluntary tool for the industry to be implemented when moving animals or milk from uninfected farms. More information about the Kansas Secure Food Supply Plans can be found at agriculture.ks.gov/animal-health.

Information on national efforts for Secure Food Supply Plans can be found in the Iowa State University's Center for Food Security and Public Health website: www.cfsph.iastate.edu/Secure-Food-Supply, and in the USDA APHIS Foreign Animal Disease Response *Ready Reference Guide – Overview of the Secure Food Supply (SFS) Plans*; December 2015.



Agriculture Emergency Response Workshop

The Kansas Department of Agriculture is hosting one-day Emergency Response Workshops across Kansas during Spring 2018.

All workshops will be from 8:30 a.m. until 4:30 p.m. Lunch will be provided for those who RSVP at least a week in advance. Space is limited to the first 30 registrants.

Topics covered at each workshop will include:

Agriculture Response Model

Foreign Animal Disease Response

Newly Launched Kansas
Agriculture Emergency
Response Corps &
Volunteer Integration

FEMA Incident Command System

Dates and Locations:

April 6 — Garden City

April 20 — Colby

May 4 — Manhattan

Fall dates and locations
will be added.



For more information and to register,
please contact David Hogg,
Asst. Emergency Management
Coordinator, at david.hogg@ks.gov or
785-564-7468.

