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Cattle and Bison Diseases

Last Modified:



APHIS protects U.S. cattle and bison from a range of diseases. These include foreign, emerging, and re-emerging diseases. We monitor for these diseases, detect and respond to outbreaks, and manage national programs to control or eliminate them within our Nation's herd.

Bluetongue

Bluetongue is an insect-borne, viral disease that affects sheep, cattle, and other ruminant animals around the world, including the United States.

Brucellosis

Brucellosis (also known as contagious abortion or Bang's disease) is a costly disease of livestock and wildlife.

Bovine Leukemia Virus

Bovine leukemia virus causes a blood-borne infection in the white cells of cattle, resulting in a chronic infection.

Bovine Spongiform Encephalopathy

Bovine spongiform encephalopathy (BSE), widely referred to as “mad cow disease,” is a progressive and fatal disease of the nervous system in cattle.

Exotic Ticks and Flies

Certain ticks and flies (also called vectors) can injure and transfer disease to people and animals and threaten American agriculture.

Foot-and-Mouth Disease

Foot-and-mouth disease is a severe viral disease that primarily affects cloven-hoofed animals, including cows, pigs, sheep, goats, and deer.

H5N1 Influenza

As we learn more about this evolving situation, APHIS will continue to provide confirmatory testing for samples from livestock as well as guidance for producers, veterinarians, and State animal health officials.

Johne's Disease

Johne's disease (pronounced "yo-knees") is an infection of the small intestine that affects cattle, sheep, goats, and other ruminants (hoofed animals).

Trichomoniasis

Trichomoniasis is a disease of the reproductive tract that affects cattle worldwide.

Tuberculosis

Bovine tuberculosis is a rare disease that affects mammals, including cattle, deer, goats, dogs, and people.

Vesicular Stomatitis

Vesicular stomatitis is a contagious disease of livestock, mainly affecting horses and cattle with blister-like lesions.

Disease Prevention and Management Programs

- Animal Disease Traceability
- Foot-and-Mouth Disease Emergency Response
- Interstate Animal Movement Requirements
- National Animal Health Monitoring System Cattle Studies
- U.S.-Mexico Binational Committee

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