

# High Consequence Livestock Pathogens and Toxins

Last Updated: May 1, 2005

## USDA only agents and toxins

---

- African horse sickness virus
- African swine fever virus
- Akabane virus
- Avian influenza virus (highly pathogenic)
- Bluetongue virus (exotic)
- Bovine spongiform encephalopathy agent
- Camel pox virus
- Classical swine fever virus
- *Ehrlichia (Cowdria) ruminantium* (Heartwater)
- Foot-and-mouth disease virus
- Goat pox virus
- Japanese encephalitis virus
- Lumpy skin disease virus
- Malignant catarrhal fever virus (exotic)
- Menangle virus
- *Mycoplasma capricolum /M. F38/M. mycoides capri* (contagious caprine pleuropneumonia)
- *Mycoplasma mycoides mycoides* (contagious bovine pleuropneumonia)
- Newcastle disease virus (VVND)
- Peste des petits ruminants virus
- Rinderpest virus
- Sheep pox virus
- Swine vesicular disease virus
- Vesicular stomatitis virus (exotic)

## USDA/HHS overlap agents and toxins

---

- *Bacillus anthracis*
- Botulinum neurotoxins
- Botulinum neurotoxin producing species of *Clostridium*
- *Brucella abortus*
- *Brucella melitensis*
- *Brucella suis*
- *Burkholderia mallei*
- *Burkholderia pseudomallei*
- *Clostridium botulinum*
- *Clostridium perfringens* epsilon toxin
- *Coccidioides immitis*
- *Coxiella burnetii*
- Eastern equine encephalitis virus
- *Francisella tularensis*
- Hendra virus
- Nipah virus
- Rift Valley fever virus
- Shigatoxin
- Staphylococcal enterotoxins
- T-2 toxin
- Venezuelan equine encephalitis virus



IOWA STATE UNIVERSITY®

**Center for Food  
Security and Public Health**  
College of Veterinary Medicine  
Iowa State University  
Ames, Iowa 50011  
Phone: (515) 294-7189  
FAX: (515) 294-8259  
E-mail: [cfsph@iastate.edu](mailto:cfsph@iastate.edu)  
Web: <http://www.cfsph.iastate.edu>

Excerpted from [http://www.aphis.usda.gov/programs/ag\\_selectagent/ag\\_bioterr\\_toxinslist.html](http://www.aphis.usda.gov/programs/ag_selectagent/ag_bioterr_toxinslist.html)