VS-Regulated Livestock and Poultry Pathogens (Partial List)

Last Modified:

- Absidia corymbifera
- Acremonium strictum
- Acinetobacter spp. **
- Actinobacillus pleuropneumoniae
- Actinomyces bovis
- Aedes mosquito
- Aedes mosquito eggs
- Aeromonas hydrophila
- Aeromonas spp. **
- African horse sickness
- African swine fever (only the excluded select agent*)
- Akabane virus
- Alcaligenes faecalis
- Amblyomma spp. - tick
- Amidostomum anseri
- Amycolaptosis spp. **
- Anaplasma centrale
- Anaplasma marginale
- Anaplasma phagocytophilum
- Anopheles mosquito eggs
- Anopheles mosquitos
- Argas spp. - tick

- Arthrobacter equi
- Arthrobacter spp. **
- Ascaridia dissimilis
- Ascaridia galli
- Ascaris suum
- Aspergillus spp. **
- Avian adenovirus
- Avian encephalomyelitis virus
- Avian hepatitis E virus
- Avian herpesvirus
- Avian infectious bronchitis virus
- Avian influenza H7N9 attenuated vaccine
- Avian influenza H7N9 wild type
- Avian influenza virus (high pathogenic) (only the excluded select agent*)
- Avian Influenza virus (low pathogenic)
- Avian leukosis virus (retrovirus)
- Avian metapneumoviruses
- Avian mycoplasma spp. **
- Avian myelocytomatosis
- Avian nephritis virus 1,2 (astrovirus)
- Avian paramyxovirus serotypes 2-9
- Avian pneumovirus type C (Colorado strain)
- Avian polyoma virus
- Avian pox virus
- Avian reticuloendothelial virus (REV)
- Avian rotavirus
- Avian viral arthritis virus (Tenosynovitis; Avian reovirus; Orthoreovirus)
- Avibacterium paragallinarum
- Babesia bigemina
- Babesia bovis
- Babesia caballi
- Babesia divergens
- Babesia major
- Babesia motasi
- Babesia ovis
- Babesia perroncitoi
- Babesia trautmanni

- Bacillus anthracis (only the excluded select agent*)
- Bacillus anthracis, Pasteur strain (only the excluded select agent*)
- Bacillus cereus, Biovar Anthracis (only the excluded select agent*)
- Bacteroides fragilis
- Besnoitia besnoiti
- Bibersteinia trehalosi (formerly Pasteurella trehalosi)
- Blastomyces dermatitidis
- Bluetongue virus (domestic)
- Bluetongue virus (exotic)
- Boophilus spp. - tick
- Border disease virus
- Bordetella avium
- Bordetella bronchiseptica
- Bordetella parapertussis
- Borna disease virus
- Borrelia bissettii
- Borrelia burgdorferi
- Bovine adenovirus
- Bovine coronavirus
- Bovine cytomegalovirus (Bovine herpesvirus 3)
- Bovine enteric calicivirus
- Bovine enterovirus (enteric cytopathic bovine orphan virus)
- Bovine ephemeral fever virus
- Bovine herpes mammillitis virus (Pseudo-lumpy skin disease; Bovine herpesvirus 2)
- Bovine immunodeficiency virus
- Bovine infectious rhinotracheitis virus (Bovine herpesvirus 1)
- Bovine leukemia virus
- Bovine nebovirus
- Bovine norovirus
- Bovine papillomavirus
- Bovine papular stomatitis virus
- Bovine parainfluenzae 3 virus
- Bovine parvovirus (Haemadsorbing enteric virus)
- Bovine polyoma virus
- Bovine reovirus
- Bovine respiratory syncytial virus

- Bovine rhinitis B virus (Bovine rhinovirus; Picornavirus)
- Bovine rotavirus group A, B
- Bovine spongiform encephalopathy
- Bovine viral diarrhea virus (types 1 and 2) (BVD)
- Bovine viral diarrhea virus, HoBi-like strain
- Brachyspira hyodisenteriae
- Brucella abortus
- Brucella abortus strain 19
- Brucella abortus strain RB51
- Brucella melitensis
- Brucella microti
- Brucella neotomae
- Brucella ovis
- Brucella suis
- Bunostomum phlebotomum
- Bunostomum trigonocephalum
- Burkholderia cepacia
- Burkholderia mallei (only the excluded select agent*)
- Burkholderia pseudomallei (only the excluded select agent*)
- Cache Valley virus
- Calliphora vicina - blowfly
- Camelpox virus
- Campylobacter coli
- Campylobacter fetus
- Campylobacter jejuni
- Campylobacter spp. **
- Candida albicans
- Capillaria caudinflata
- Capillaria contorta
- Capillaria obsignata
- Caprine adenovirus type 1, 2
- Caprine arthritis and encephalitis virus
- Caprine herpesvirus
- Chaburtia ovina
- Cheilospirura hamulosa
- Chicken anemia virus (circovirus)
- chicken hepatitis E virus

- Chlamydophila abortus
- Chlamydophila pecorum
- Chlamydophila psittaci
- Choanotaenia infundibulum
- Chronic wasting disease (CWD)
- Citrobacter freundii
- Classical swine fever virus (only the excluded select agent*)
- Clostridium botulinum (only the excluded select agent*)
- Clostridium chauvoei
- Clostridioides difficile (also known as Clostridium difficile)
- Clostridium haemolyticum
- Clostridium novyi
- Clostridium perfringens
- Clostridium septicum
- Clostridium sordelli
- Clostridium sporogenes
- Clostridium tetani
- Coccidioides immitis
- Coccidioides posadasii
- Cochliomyia hominivorax (screwworm)
- Coenurus cerebralis
- Collyriclum faba - fluke
- Contagious ecthyma (orf; contagious pustular dermatitis)
- Cooperia curticei
- Cooperia oncophora
- Cooperia pectinata
- Cooperia punctata
- Cooperia surnabada
- Corynebacterium bovis
- Corynebacterium pseudotuberculosis
- Corynebacterium renale
- Cowpox virus
- Coxiella burnetii (only the excluded select agent*)
- Crimean-Congo hemorrhagic fever virus (only the excluded select agent*)
- Crossiella equi
- Cryptococcus neoformans
- Cryptosporidium parvum

- Culex spp. - mosquito
- Culicoides spp. - mosquito
- Cyathostoma bronchialis
- Cyrnea colini
- Cysticercus cellulosae
- Davainea proglottina
- Deerpox Virus
- Dermacenter spp. - tick
- Dermatobia hominis - fly
- Dichelobacter nodosus (Bacterioides nodosus)
- Dicrocoelium dentriticum - fluke
- Dictyocaulus arnfieldi
- Dictyocaulus filaria
- Dictyocaulus viviparus
- Dispharynx nasuta
- Duck adenovirus
- Duck enteritis virus
- Duck hepatitis type 1
- Duck infectious anemia virus
- Duck plague virus
- Dung beetles
- Eastern equine encephalitis virus (only the excluded select agent*)
- Echinococcus spp. **
- Ehrlichia (Neorickettsia) risticii
- Ehrlichia fergusonii
- Ehrlichia ruminantium (Cowdria ruminatum)(heartwater)
- Eimeria spp. **
- Elaeophora schneideri
- Encephalomyocarditis virus
- Enterobacter aerogenes
- Enterobacter cloacae
- Enterococcus cecorum
- Enterococcus durans
- Enterococcus hirae
- Enterococcus spp. **
- Ephemeral fever virus
- Epizootic haemorrhagic disease virus (EHDV)

- Epizootic Hematopoietic Necrosis Virus
- Equine adenovirus
- Equine coital exanthema virus (Equine herpesvirus 3)
- Equine coronavirus
- Equine hepacivirus
- Equine herpesvirus 2
- Equine herpesvirus 3 (Equine coital exanthema)
- Equine infectious anemia virus (EIAV)
- Equine influenza virus
- Equine papilloma virus
- Equine rhinitis virus (picornavirus)
- Equine rhinopneumonitis virus (EHV-1 and EHV-4)
- Equine rotavirus
- Equine viral arteritis virus
- Erysipelothrix rhusiopathiae
- Escherichia coli, enteropathogenic to livestock or poultry: F 18, K88, VTEC O5:H-, VTEC O8:H9, VTEC O26:H11, VTEC O26:O26, VTEC O80:H- and VTEC O111:H-, non-O157 EHEC serogroups O26, O111, O118 and O103
- Eurytrema coelomaticum - fluke
- Eurytrema ovis - fluke
- Eurytrema pancreaticum - fluke
- Fasciola gigantica - fluke
- Fasciola hepatica - fluke
- Fasciola magna - fluke
- Foot and mouth disease virus (only the excluded select agent*)
- Fowl adenovirus type 1
- Fowl calicivirus
- Fowlpox virus
- Francisella tularensis (only the excluded select agent*)
- Francisella tularensis subspecies holartica LVS
- Fusarium spp. **
- Fusobacterium necrophorum
- Gaigeria pachyscelis
- Gallibacterium anatis
- Gasterophilus spp. - horse bot
- Getah virus
- Giardia spp. **

- Glaesserella australis
- Globicatella sanguinis
- Goat pox virus (only the excluded select agent*)
- Gongylonema ingluvicola
- Goose parvovirus
- Guggenheimella bovis
- Gyrodactylus salaris
- Haemaphysalis spp. - tick
- Haemonchus contortus
- Haemonchus placei
- Haemonchus similis
- Haemophilus agni
- Haemophilus paragallinarum
- Haemophilus parahemolyticus
- Haemophilus parasuis
- Haemophilus somnis
- Haemophilus suis
- Haemotobia irritans – fly
- Haemaphysalis longicornis --tick
- Halicephalobus deletrix
- Helicobacter pullorum
- Helicobacter suis
- Hemagglultinating encephalomyelitis virus
- Hemorrhagic enteritis virus
- Hendra virus (only the excluded select agent*)
- Herpesvirus of turkey (HVT) virus
- Heterakis gallinarum
- Heterakis isolonche
- Highlands J Virus
- Histomonas meleagridis
- Histophilus somni
- Histoplasma capsulatum var. farciminosum
- Hyalomma spp. - tick
- Hyostrongylus rubidus
- Hypoderma bovis
- Infectious bovine rhinotracheitis (Bovine herpesvirus 1)
- Infectious bronchitis virus

- Infectious bursal disease virus
- Infectious laryngotracheitis (Avian Herpesvirus 1)
- Infectious pancreatic necrosis virus
- Infectious salmon anemia virus
- Influenza A virus
- Influenza C virus
- Influenza D
- Isospora spp. **
- Isospora suis
- Ixodes spp. - tick
- Jamestown canyon virus (aka Jerry Slough virus)
- Japanese encephalitis virus
- Klebsiella oxytoca
- Klebsiella pneumoniae
- Kobuvirus
- Kunjin virus
- Lawsonia spp. **
- Leishmania braziliensis
- Leishmania infantum
- Leishmania siamensis
- Leishmania spp. **
- Lentzea kentuckyensis
- Leptospira interrogans (various serovars- hardjo, pomona, icterohaemorrhagiae, grippotyphosa, canicola)
- Listeria ivanovii
- Listeria monocytogenes
- Louping ill virus
- Lumpy skin disease virus (Neethling virus) (only the excluded select agent*)
- Lutzomyia longipalpis - sandfly
- Maedi-visna virus (Ovine progressive pneumonia)
- Main Drain virus
- Madariaga virus
- Malignant catarrhal fever (Alcelephine herpesvirus 1) (wildebeest-associated) (exotic)
- Malignant catarrhal fever (Ovine herpesvirus 2) (sheep associated) (domestic)
- Mammaliicoccus sciuri
- Mannheimia glucosida

- Mannheimia granulomatis
- Mannheimia haemolytica
- Mannheimia ruminalis
- Mannheimia varigena
- Marek's disease virus
- Margaropus spp. - tick
- Marteilia refringens
- Marteilioides chungmuensis
- Mecistocirrus digitatus
- Menangle virus
- Metroliasthes lucida
- Micrococcus luteus
- Microsporum canis
- Microsporum gypseum
- Microsporum nanum
- Middleburg virus
- Monkeypox virus (Mpox virus) (only the excluded select agent*)
- Moraxella bovis
- Moraxella bovoculi
- Moraxella ovis
- Morbilivirus spp. **
- Mouse pox
- Murray Valley encephalitis virus
- Musca spp. - fly
- Mycobacterium africanum
- Mycobacterium avium
- Mycobacterium bovis
- Mycobacterium bovis BCG
- Mycobacterium caprae
- Mycobacterium F38
- Mycobacterium fortuitum
- Mycobacterium kansasii
- Mycobacterium microti
- Mycobacterium paratuberculosis
- Mycobacterium pinnipedii
- Mycobacterium tuberculosis complex organisms (excluding M tuberculosis)
- Mycoplasma agalactiae

- Mycoplasma bovis
- Mycoplasma capricolum (only the excluded select agent*)
- Mycoplasma dispar
- Mycoplasma gallisepticum
- Mycoplasma hyopneumoniae
- Mycoplasma hyorhinis
- Mycoplasma hyosynoviae
- Mycoplasma iowae
- Mycoplasma meleagridis
- Mycoplasma mycodies (contagious bovine pleuropneumonia)(only the excluded select agent*)
- Mycoplasma ovipneumoniae
- Mycoplasma synoviae
- Myxoma virus
- Nairobi sheep disease
- Nematodirus abnormalis
- Nematodirus battus
- Nematodirus filicollis
- Nematodirus helvetianus
- Nematodirus spathiger
- Neospora caninum - coccidian parasite
- Neospora hughsi - coccidian parasite
- Newcastle disease virus (avirulent) (Avian paramyxovirus type 1)
- Newcastle disease virus (virulent) (Avian paramyxovirus type 1)
- Nipah virus (only the excluded select agent*)
- Nocardia spp. **
- Nosoma - tick
- Oesophagostomum clumbianum
- Ornithobacterium rhinotracheale
- Ornithostrongylus quadriradiatus
- Ostertagia bisonis
- Ostertagia leptospicularis
- Ostertagia lyrata (Skrjabinagia lyrata, Grosspiculagia lyrata)
- Ostertagia orloffi
- Ostertagia ostertagi
- Ostertagia podjapolskyi (Grosspiculagia podjapolskyi)
- Ostertagia trifurcata

- Otobius spp. - tick
- Ovine adenovirus
- Ovine astrovirus
- Ovine ecthyma virus
- Ovine herpesvirus 1
- Ovine parainfluenza 3
- Ovine pulmonary adenocarcinoma virus (Pulmonary adenomatosis; Jaagsiekte sheep retrovirus)
- Oxyspirura mansoni
- Parainfluenza 5 (aka Simian parainfluenza 5)
- Parascaris equorum
- Parelaphostrongylus tenius
- Pasteurella multocida (Fowl cholera)
- Pasteurella trehalosi
- Peptostreptococcus spp. **
- Perkinsus olseni
- Peste des petits ruminants (only the excluded select agent*)
- Phlebotumus spp. - sandfly
- Pigeon paramyxovirus
- Pigeon pox virus
- Plasmodium gallinaceum
- Plasmodium hermani
- Pleisiomonas spp. **
- Porcine acute gastroenteritis (Porcine astrovirus)
- Porcine adenovirus
- Porcine circovirus
- Porcine cytomegalovirus (Porcine herpesvirus 2)
- Porcine delta coronavirus
- Porcine enteric calicivirus
- Porcine enterovirus (Teschen; Talfan; Benign enzootic paresis; Poliomyelitis suum; Porcine enteroviral encephalomyelitis)
- Porcine epidemic diarrhea virus (PEDv) asian lineage
- Porcine epidemic diarrhea virus (PEDv) non-asian lineage
- Porcine hemagglutinating encephalitis virus
- Porcine hepatitis E
- Porcine herpesvirus
- Porcine kobuvirus

- Porcine paramyxovirus (Menangle)
- Porcine parvovirus
- Porcine reproductive and respiratory syndrome virus (PRRS)
- Porcine respiratory coronavirus
- Porcine rotavirus group A
- Porcine rotavirus group B
- Porcine rotavirus group C
- Porcine rotavirus group E
- Porcine rubulavirus ("blue eye")
- Porcine sapelovirus
- Porcine sapovirus
- Porcine teschovirus
- Porcine torovirus
- Porcine transmissible gasteroenteritis virus
- Porphyromonas spp. **
- Powassan virus
- Prevotella melaninogenica
- Propionibacterium spp. **
- Prosthogonimus macrorchis - fluke
- Proteus mirabilis
- Proteus vulgaris
- Prototheca wickerhamii
- Prototheca zopfii
- Providencia rettgeri
- Providencia stuarti
- Pseudocowpox virus
- Pseudomonas spp. **
- Pseudomonas aeruginosa
- Pseudorabies virus (Porcine herpesvirus; Aujeszky's disease)
- Psoroptes spp. - mite
- Pythium insidiosum
- Quail bronchitis virus (Avian adenovirus group 1) 002-ADV
- Rabbit pox
- Rabies virus
- Raccoonpox virus
- Raillietina cesticillus
- Raillietina echinobothrida

- Raillietina tetragona
- Rhipicentor spp. - tick
- Rhipicephalus spp. - tick
- Rhizomucor miehei
- Rhodococcus equi
- Rickettsia gravesii
- Rickettsia risticii
- Riemerella anatipestifer
- Rift valley fever virus (only the excluded select agent*)
- Rinderpest virus (only the excluded select agent*)
- Rodent adapted scrapie
- Ross River virus
- Rous associated virus
- Salmonella abortusovis
- Salmonella anatum
- Salmonella arizonae
- Salmonella choleraesuis
- Salmonella dublin
- Salmonella enterica
- Salmonella enteritidis
- Salmonella gallinarum
- Salmonella hadar
- Salmonella heidelberg
- Salmonella kentucky
- Salmonella montevideo
- Salmonella newport
- Salmonella pullorum
- Salmonella saintpaul
- Salmonella typhimurium
- Salmonid alphavirus
- San Miguel sea lion virus (SMSV)
- Sand fly
- Sarcocystis neurona
- Sarcocystis spp.**
- Schistosoma bovis - fluke
- Schistosoma curassoni - fluke
- Schistosoma incognitum - fluke

- Schistosoma indicum - fluke
- Schistosoma japonicum - fluke
- Schistosoma mattheei - fluke
- Schistosoma nasale - fluke
- Schistosoma spindale - fluke
- Schmallenberg virus
- Scrapie
- Seneca Valley virus
- Serratia liquefaciens
- Serratia marcescens
- Shamonda/Shamonda-like virus
- Sheep pox (only the excluded select agent*)
- Simulium spp. - blackfly
- Sindbis virus
- Spring viremia of carp virus
- St Louis encephalitis virus
- Staphylococcus arlettae
- Staphylococcus aureus
- Staphylococcus capitis
- Staphylococcus chromogenes
- Staphylococcus epidermidis
- Staphylococcus equorum
- Staphylococcus haemolyticus
- Staphylococcus hyicus
- Staphylococcus intermedius
- Staphylococcus lugdunensis
- Staphylococcus nepalensis
- Staphylococcus sciuri
- Staphylococcus spp
- Staphylococcus warneri
- Stomoxys calcitrans - stable fly
- Streptococcus agalactiae
- Streptococcus dysgalactiae
- Streptococcus equi
- Streptococcus pneumoniae
- Streptococcus suis
- Strongyloides avium

- Strongyloides edentatus
- Strongyloides equinus
- Strongyloides papillosus
- Strongyloides ransomi
- Strongyloides vulgaris
- Subulura brumpti
- Swine adenovirus
- Swine astrovirus
- Swine enteric coronavirus (SECoV)
- Swine hepatitis E virus, genotype 3
- Swine heptatitis E virus, genotype 4
- Swine influenza virus
- Swine papillomavirus
- Swine poxvirus
- Swine vesicular disease virus (only the excluded select agent*)
- Syngamus trachea
- Tabanus spp. - horse fly
- Taenia saginata
- Taenia solium
- Taylorella asinigenetalis
- Taylorella equigenitalis (Contagious equine metritis)
- Teladorsagia circumcincta
- Tetrameres americana
- Theileria annulata
- Theileria buffeli
- Theileria equi (formerly Babesia equi)
- Theileria lestoquardi
- Theileria lowenshuni
- Theileria mutans
- Theileria orientalis
- Theileria parva
- Theileria sergenti
- Theileria uilenbergi
- Tilapia Lake Virus
- Toxoplasma gondii
- Transmissible gastroenteritis virus (TGE)
- Treponema denticola

- Treponema phagedenis
- Treponema vincentii
- Triatoma spp. (Kissing Bug)
- Trichinella britovi
- Trichinella murrelli
- Trichinella nativa
- Trichinella papuae
- Trichinella pseudospiralis
- Trichinella spiralis
- Trichomonas foetus
- Trichomonas gallinae
- Trichomonas stableri
- Trichophyton equinum
- Trichophyton mentagrophytes
- Trichostongylus colubiformis
- Trichostrongylus axei
- Trichostrongylus rugatus
- Trichostrongylus tenuis
- Trichostrongylus vitrinus
- Trichuris ovis
- Trichuris suis
- Tridontophorus tenuicollis
- Tritrichomonas foetus
- Truperella pyogenes
- Trychophyton verrucosum
- Trypanosoma brucei brucei
- Trypanosoma brucei gambiense
- Trypanosoma brucei rhodesiense
- Trypanosoma congolense
- Trypanosoma cruzi
- Trypanosoma equiperdum (Dourine)
- Trypanosoma evansi (Surra)
- Trypanosoma simiae
- Trypanosoma vivax
- Tsetse fly (glossina)
- Turkey astrovirus (Poultry enteritis and mortality syndrome)
- Turkey enteritis coronavirus (Bluecomb disease)

- Ureaplasma diversum
- Vaccinia virus
- Venezuelan equine encephalitis virus (only the excluded select agent*)
- Vesicular exanthema of swine virus (VESV)
- Vesicular stomatitis virus (Indiana or NJ strain)
- Vesicular stomatitis virus (strains exotic to US)
- Volepox virus
- Waddlia chondrophila
- Wesselsbron virus
- West Nile virus
- Western equine encephalitis virus
- Yaba monkey tumor virus
- Yersinia enterocolytica
- Yersinia pseudotubercuolosis
- Yersinia vaccine strain

* Select agents are regulated by the Federal Select Agent Program

** There may be both pathogenic and nonpathogenic species to livestock/poultry within this genus

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