

Biennial Review and Publication of Lists of the Select Agents and Toxins Summary of Changes

The following outlines the changes to the select agents and toxins list based on the publication of the final rules:

HHS Select Agents and Toxins:

The following ten select agents and toxins were **moved** from the overlap select agents and toxins section to the HHS select agents and toxins section of 42 CFR Part 73:

- Botulinum neurotoxins
- Botulinum neurotoxin producing species of Clostridium
- *Coxiella burnetii*
- *Francisella tularensis*
- *Coccidioides immitis*
- Eastern Equine Encephalitis virus
- T-2 toxin
- Staphylococcal enterotoxins
- Shigatoxin
- *Clostridium perfringens* epsilon toxin

PPQ Select Agents and Toxins:

The following select agents were **added** to the PPQ list in 7 CFR Part 331:

- *Xanthomonas oryzae* pv. *oryzae*
- *Peronosclerospora sacchari*
- *Phoma glycinicola* (formerly *Pyrenochaeta glycines*)
- *Rathayibacter toxicus*

The PPQ select agents were **removed** from the PPQ list in 7 CFR Part 331:

- *Candidatus Liberobacter asiaticus*
- *Candidatus Liberobacter africanus*

The PPQ select agents were **renamed** in PPQ list for 7 CFR Part 331:

- *Xanthomonas oryzae*

VS Select Agents and Toxins:

The VS select agents were **renamed** in USDA list for 9 CFR Part 121:

- *Ehrlichia ruminantium* (Heartwater)
- *Mycoplasma capricolum* subspecies *capripneumoniae* (contagious caprine pleuropneumonia)
- *Mycoplasma mycoides* subspecies *mycoides* small colony (*MmmSC*) (contagious bovine pleuropneumonia)
- Vesicular stomatitis virus (exotic): Indiana subtypes VSV-IN2, VSV-IN3
- Virulent Newcastle disease virus¹

¹ A virulent Newcastle disease virus (avian paramyxovirus serotype 1) has an intracerebral pathogenicity index in day-old chicks (*Gallus gallus*) of 0.7 or greater or has an amino acid sequence at the fusion (F) protein cleavage site that is consistent with virulent strains of Newcastle disease virus. A failure to detect a cleavage site that is consistent with virulent strains does not confirm the absence of a virulent virus.