

## Appendix D Regulated Select Agents

### HHS SELECT AGENTS AND TOXINS

- \_ Botulinum neurotoxin producing species of *Clostridium*
- \_ *Coxiella burnetii*
- \_ Crimean-Congo haemorrhagic fever virus
- \_ Eastern equine encephalitis virus
- \_ *Ebolavirus*
- \_ *Francisella tularensis*
- \_ Lassa fever virus
- \_ Lujo virus
- \_ Marburg virus
- \_ Monkeypox virus
- \_ Reconstructed replication competent forms of the 1918 pandemic influenza virus containing any portion of the coding regions of all eight gene segments (Reconstructed 1918 Influenza virus)
- \_ *Rickettsia prowazekii*
- \_ Severe acute respiratory syndrome coronavirus (SARS-CoV)

### South American haemorrhagic fever viruses

- \_ Chapare
- \_ Guanarito
- \_ Junin
- \_ Machupo
- \_ Sabia

### Tick-borne encephalitis complex (flavi) viruses

- \_ Far Eastern subtype
- \_ Kyasanur Forest disease virus
- \_ Omsk hemorrhagic fever virus

\_ Siberian subtype

\_ Variola major virus (Smallpox virus)

\_ Variola minor virus (Alastrim)

\_ *Yersinia pestis*

\_ Abrin

\_ Botulinum neurotoxins

\_ Conotoxins

\_ Diacetylxsirpenol

\_ Ricin

\_ Saxitoxin

\_ Staphylococcal enterotoxins A, B, C, D, E subtypes

\_ T-2 toxin

\_ Tetrodotoxin

#### **OVERLAP SELECT AGENTS AND TOXINS**

\_ *Bacillus anthracis*

\_ *Bacillus anthracis* Pasteur strain

\_ *Burkholderia mallei* (formerly *Pseudomonas mallei*)

\_ *Burkholderia pseudomallei* (formerly *Pseudomonas pseudomallei*)

\_ Hendra virus

\_ Nipah Virus (Tier 1 Select Agent)

\_ Rift Valley fever virus

\_ Venezuelan equine encephalitis virus

#### **USDA SELECT AGENTS AND TOXINS**

\_ African swine fever virus

\_ Avian influenza virus (highly pathogenic) **\*\*as of June 2024 the USDA and APHIS have issued an exemption for H5 avian influenza viruses for a period of 3 years\*\***

\_ Classical swine fever virus

\_ Foot and mouth disease virus

\_ Goat pox virus

\_ Lumpy skin disease virus

\_ *Mycoplasma capricolum* subspecies *capripneumoniae* (contagious caprine pleuropneumonia)

\_ *Mycoplasma mycoides* subspecies *mycoides* small colony (MmmSC) (contagious bovine pleuropneumonia)

\_ Newcastle disease virus<sup>1</sup>

\_ Peste des petits ruminants virus

\_ Rinderpest virus

\_ Sheep pox virus

\_ Swine vesicular disease virus

#### **USDA PLANT PROTECTION AND QUARANTINE (PPQ) SELECT AGENTS AND TOXINS**

\_ *Coniothyrium glycines*, (formerly *Phoma glycincola* and *Pyrenophaeta glycines*)

\_ *Ralstonia solanacearum*

\_ *Rathayibacter toxicus*

\_ *Schlerophthora rayssiae*

\_ *Synchytrium endobioticum*

\_ *Xanthomonas oryzae*

<sup>1</sup>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.

**Toxin Amounts Permissible Per Principal Investigator**

Toxins	Amount
Abrin	100 mg
Botulinum neurotoxins	0.5 mg
Short, paralytic alpha Conotoxins	200 mg
Diacetoxyscirpenol (DAS)	1000 mg
Ricin	100 mg
Saxitoxin	100 mg
Staphylococcal enterotoxins Subtypes A,B,C,D,E	5.0 mg
T-2 toxin	1,000 mg
Tetrodotoxin	100 mg

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