



Australian Government
Department of Agriculture,
Fisheries and Forestry

The list of pathogens of highest animal biosecurity concern was created based on the Annex 1 lists contained within departmental policies for veterinary vaccines¹. This list should be used in place of the Annex 1 list in departmental policies and may be used for other commodities as deemed appropriate by the Department of Agriculture, Fisheries and Forestry.

| PATHOGENS OF HIGHEST ANIMAL BIOSECURITY CONCERN | | |
|---|---|---|
| Animal species | Pathogen (disease agent) | Disease |
| Avian | <i>Avian orthoavulavirus 1</i> (avian paramyxovirus 1) (any strain that meets one of the criteria for virulence described in the OIE Terrestrial Animal Health Code) | Virulent Newcastle disease |
| | Notifiable avian influenza A viruses [H5 or H7 subtypes, or any influenza A virus isolated in avians with an intravenous pathogenicity index (IVPI) greater than 1.2, i.e. HPAI viruses] | Highly pathogenic notifiable avian influenza (HPNAI/HPAI) and low pathogenicity notifiable avian influenza (LPNAI/LPAI) |
| Bovine | Foot-and-mouth disease virus | Foot-and-mouth disease |
| | Lumpy skin disease virus | Lumpy skin disease |
| | <i>Rinderpest morbillivirus</i> (Rinderpest virus) ² | Rinderpest |
| Caprine and ovine | Foot-and-mouth disease virus | Foot-and-mouth disease |
| | Goat pox/sheep pox virus | Goat pox/sheep pox |
| | <i>Rinderpest morbillivirus</i> (Rinderpest virus) ² | Rinderpest |
| | <i>Small ruminant morbillivirus</i> (Peste-des-petits ruminants virus) | Peste-des-petits-ruminants |
| Equine | African horse sickness virus | African horse sickness virus |
| Porcine | African swine fever virus | African swine fever |

| | | |
|--|--|-------------------------|
| | | |
| | <i>Enterovirus B: Swine vesicular disease virus (SVDV)-1</i> | Swine vesicular disease |
| | Foot-and-mouth disease virus | Foot-and-mouth disease |
| | <i>Pestivirus C (Classical swine fever virus)</i> | Classical swine fever |

¹ *Finalised specific quarantine requirements for the importation of inactivated veterinary vaccines 1997 Policy and Requirements for the Importation of Live and Novel Veterinary Bulk and Finished Vaccines 1999 The Second Edition - Review of published tests to detect pathogens in veterinary vaccines intended for importation into Australia 2013*

² *Declaration of global freedom from Rinderpest was made by the Food and Agriculture Organisation of the United Nations in June 2011.*

³ *Finalised specific quarantine requirements for the importation of inactivated veterinary vaccines 1997 Policy and Requirements for the Importation of Live and Novel Veterinary Bulk and Finished Vaccines 1999 The Second Edition - Review of published tests to detect pathogens in veterinary vaccines intended for importation into Australia 2013*

⁴ *Finalised specific quarantine requirements for the importation of inactivated veterinary vaccines 1997 Policy and Requirements for the Importation of Live and Novel Veterinary Bulk and Finished Vaccines 1999 The Second Edition - Review of published tests to detect pathogens in veterinary vaccines intended for importation into Australia 2013*