

# Acronyms and abbreviations



AAWS	Australian Animal Welfare Strategy
ABLV	Australian bat lyssavirus
ACIAR	Australian Centre for International Agricultural Research
AHA	Animal Health Australia
AHC	Animal Health Committee
ANQAP	Australian National Quality Assurance Program
ANZSDP	Australian and New Zealand Standard Diagnostic Procedure
ASEL	Australian Standards for the Export of Livestock
AUSVETPLAN	Australian Veterinary Emergency Plan
AWC	Animal Welfare Committee
AWHN	Australian Wildlife Health Network
BEF	bovine ephemeral fever
BSE	bovine spongiform encephalopathy
BTV	bluetongue virus
CAE	caprine arthritis–encephalitis
CCEAD	Consultative Committee on Emergency Animal Diseases
Codex	Codex Alimentarius Commission
CRC	cooperative research centre
CSIRO	Commonwealth Scientific and Industrial Research Organisation
CSIRO-AAHL	CSIRO Australian Animal Health Laboratory
DFAT	Department of Foreign Affairs and Trade
EAD	emergency animal disease
EADRA	Emergency Animal Disease Response Agreement
EADRP	emergency animal disease response plan
EID	emerging infectious disease
ELISA	enzyme-linked immunosorbent assay
ESCAS	Exporter Supply Chain Assurance System
FAO	Food and Agriculture Organization of the United Nations
FMD	foot-and-mouth disease
FRDC	Fisheries Research and Development Corporation

FSANZ	Food Standards Australia New Zealand
HACCP	hazard analysis and critical control points
HPAI	highly pathogenic avian influenza
IRA	import risk analysis
LEADDR	Laboratories for Emergency Animal Disease Diagnosis and Response
NAHIS	National Animal Health Information System
NAHTSC	National Animal Health Training Steering Committee
NAIWB	National Avian Influenza Wild Bird
NAMP	National Arbovirus Monitoring Program
NAQS	Northern Australia Quarantine Strategy
NBPSP	National Bee Pest Surveillance Program
NLIS	National Livestock Identification System
NMG	National Management Group
NSDIP	National Significant Disease Investigation Program
NSW DPI	New South Wales Department of Primary Industries
NTSESP	National Transmissible Spongiform Encephalopathies Surveillance Program
NVD	National Vendor Declaration
OBPR	Office of Best Practice Regulation
OIE	World Organisation for Animal Health
OsHV	ostreid herpesvirus
PCR	polymerase chain reaction
PEQ	post-entry quarantine
PISC	Primary Industries Standing Committee
PNG	Papua New Guinea
POMS	Pacific oyster mortality syndrome
QA	quality assurance
Queensland DAFF	Queensland Department of Agriculture, Fisheries and Forestry
R&D	research and development
RABQSA	Registrar Accreditation Board and the Quality Society of Australasia
RAWS	Regional Animal Welfare Strategy
RIS	regulatory impact statement
RSPCA	Royal Society for the Prevention of Cruelty to Animals
SCAAH	Sub-Committee on Aquatic Animal Health
SCAHLs	Sub-Committee on Animal Health Laboratory Standards
SCEAD	Sub-Committee on Emergency Animal Diseases
SCoPI	Standing Council on Primary Industries
SEACFMD	South East Asia and China Foot and Mouth Disease program
SPS	sanitary and phytosanitary
SPS Agreement	World Trade Organization Agreement on the Application of Sanitary and Phytosanitary Measures
SWF	screw-worm fly
TAFE	Technical and Further Education
TSE	transmissible spongiform encephalopathy
TSEFAP	Transmissible Spongiform Encephalopathies Freedom Assurance Program
WHO	World Health Organization
WSPA	World Society for the Protection of Animals
WTO	World Trade Organization

# Glossary



acaricide	Pesticides used to control acarids such as mites and ticks.
antimicrobial	Antibacterial agents (including ionophores) but not including antiprotozoals, antifungals, antiseptics, disinfectants, antineoplastic agents, antivirals, immunologicals, direct-fed microbials or enzyme substances.
biosecurity	The exclusion, eradication or effective management of risks posed by pests and diseases to human and animal health, horticultural industries, ecological systems and the economy.
camelids	Members of the biological family Camelidae, including camels, alpacas, llamas and dromedaries.
<i>Culicoides</i>	A genus containing at least 123 species of biting midge — very small insects, visible to the naked eye, with a wing length of about 0.9 mm. Particular <i>Culicoides</i> species carry and spread bluetongue and Akabane viruses by taking blood meals from hosts such as cattle and sheep. The distribution and population of <i>Culicoides</i> are affected by factors such as climate (rainfall, wind), light and proximity of livestock.
emergency animal disease	A disease that, when it occurs, requires an emergency response, because it would have a national impact if it was not controlled.
emerging (disease)	A new infectious disease resulting from a change in an existing pathogenic agent, a known disease occurring in a new area or population, or a previously unrecognised pathogen or disease.
endemic (disease)	A disease that is known to occur over a long period of time within a population or a geographic range.
enteric	Intestinal; to do with the intestines (gut).
epidemic	An unexpected and substantial increase in the incidence of a disease.
epidemiological	Relating to the study of disease and its causes in a population.
epidemiologist	A scientist who studies the transmission and control of epidemic diseases.
epidemiology	Science of the distribution of disease in populations, with investigations into the source and causes of infection.
exotic (disease or pest)	A disease that does not normally occur in a particular area or country (as opposed to an endemic disease).

granulomas	Lesions with a yellowish appearance that have a caseous (cheesy), caseo-calcerous (cheesy and chalky) or calcified (bony) consistency. Occasionally, they may contain pus. The caseous centre is usually dry, firm and covered with a capsule of varying thickness that is made from the surrounding tissue. Granulomas can vary in size from small (and therefore easily missed) to very large, involving the greater part of the organ.
morbidity	Illness or disease.
nucleotide substitution	A form of mutation of the nucleotide sequence of deoxyribonucleic acid (DNA), where one base is replaced by another.
pandemic disease	An epidemic disease that occurs over a widespread area (multiple countries or continents) and usually affects a substantial proportion of the population.
pathogen	A biological agent that causes disease or illness in its host.
pathogenic	Capable of causing disease.
phytosanitary	Relating to the health of plants; especially the freedom from pests and diseases requiring quarantine.
polymerase chain reaction (PCR)	A highly sensitive test that can detect DNA fragments of viruses or other organisms in blood or tissue. It works by repeatedly copying genetic material using heat cycling and enzymes.
precursor	A substance, or virus, from which another substance can form.
ratite	A large, flightless bird, such as an emu or an ostrich.
real-time polymerase chain reaction (RT-PCR)	A laboratory technique that is used to amplify and simultaneously quantify a targeted DNA molecule.
sentinel	A previously uninfected animal or hive of animals, kept at a specific location to detect the presence of disease-causing organisms, such as viruses or parasites. Samples (e.g. blood, bees) are collected from the sentinels at intervals to check whether infection or infestation has occurred.
serology	Immunological reactions and properties of serum, often used to diagnose disease.
stamping out	The strategy of eliminating infection from premises through the destruction of animals in accordance with the particular AUSVETPLAN manual, and in a manner that permits appropriate disposal of carcasses and decontamination of the site.
synthetic pyrethroid	Synthetic chemical insecticide that acts in a similar manner to naturally derived pyrethrins.
transboundary animal diseases	Epidemic animal diseases that are highly infectious, with potential for very rapid spread, irrespective of national borders, and able to seriously impact the economy or human health (or both).
vector	A living organism (e.g. an insect) that transmits an infectious agent from one host to another.
virology	The study of viruses and viral diseases.
virulent	A term referring to the relative ability of an infectious agent to cause disease.
zoonosis (zoonotic disease)	A disease that can be transmitted from animals to people or, more specifically, a disease that normally exists in animals but that can infect humans. Plural: zoonoses.

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