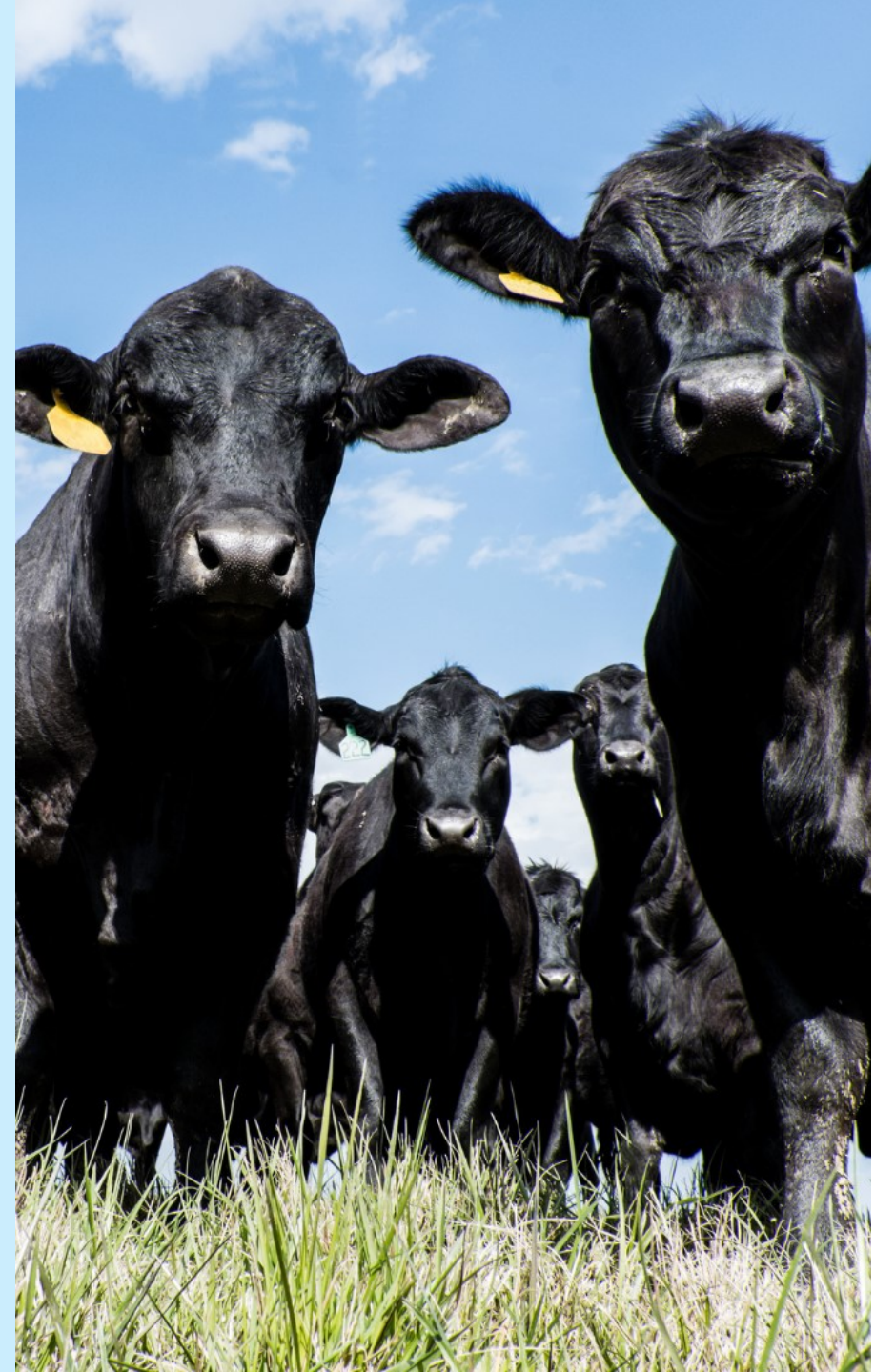


VPB AGM NSW DPI Biosecurity

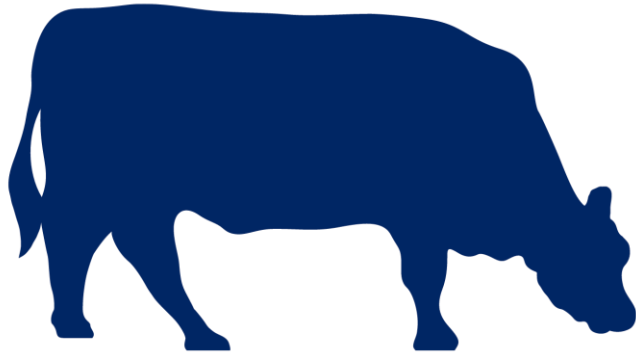
Dr Sarah Britton
NSW Chief Veterinary Officer Director Animal Biosecurity

15 November 2022

regional.nsw.gov.au

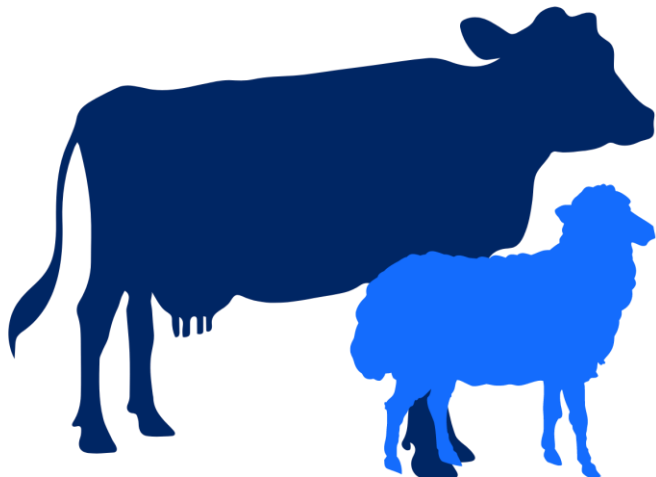
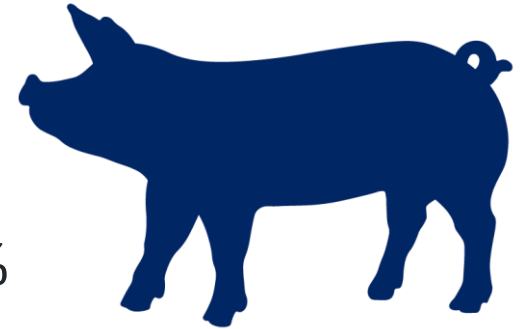


Emergency animal disease risk



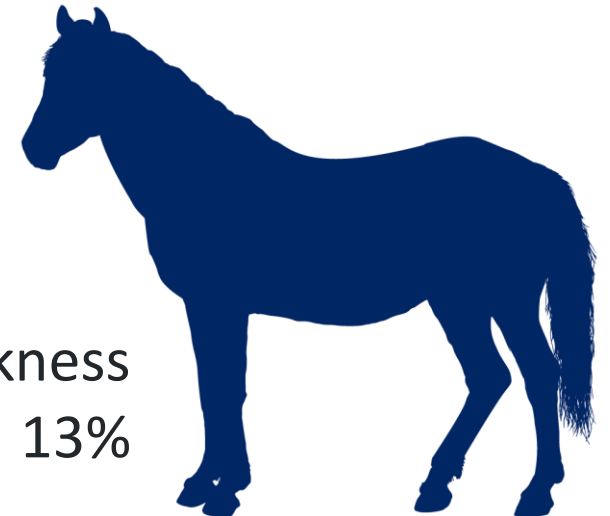
Lumpy skin disease
from 8% → 28%

Africa swine
fever 21%



Foot-and-mouth disease
from 9% → 12%

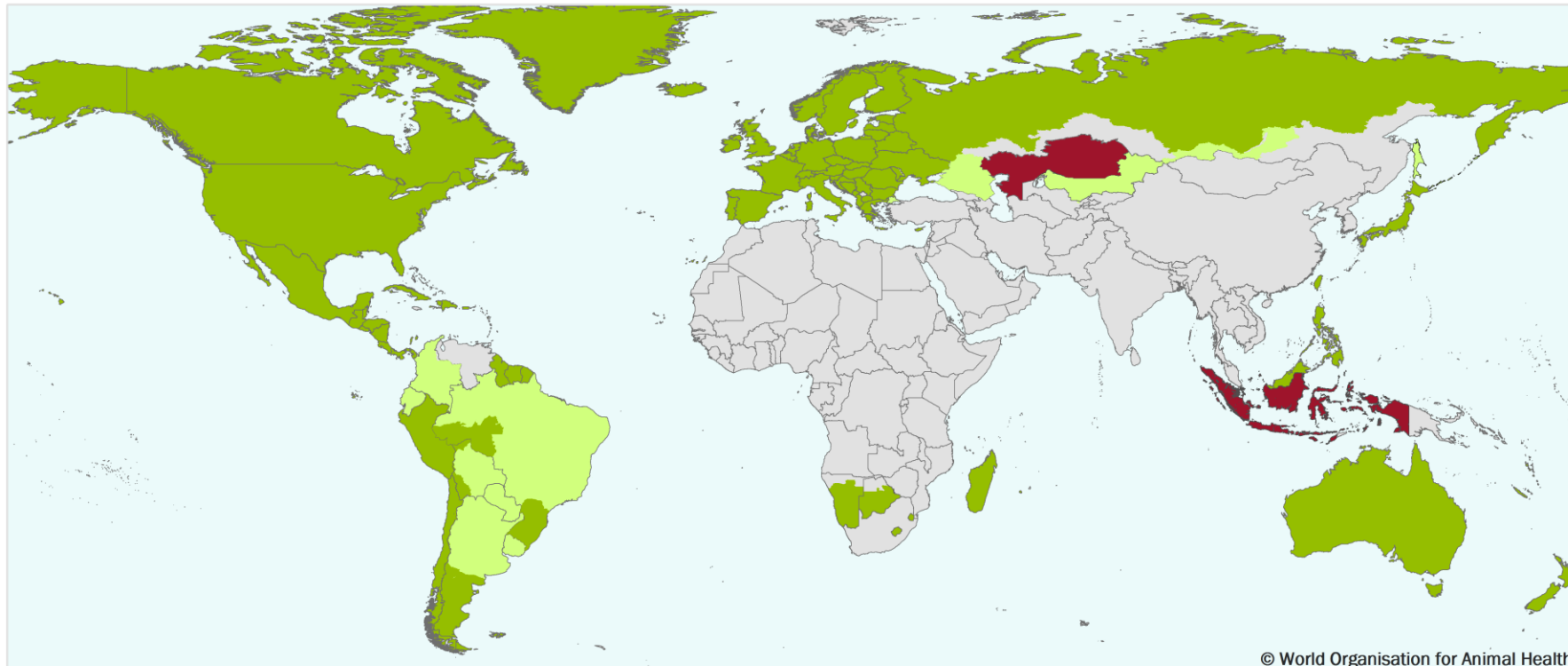
Africa horse sickness
13%





International update


WOAH Members' official FMD status map


Last update September 2022



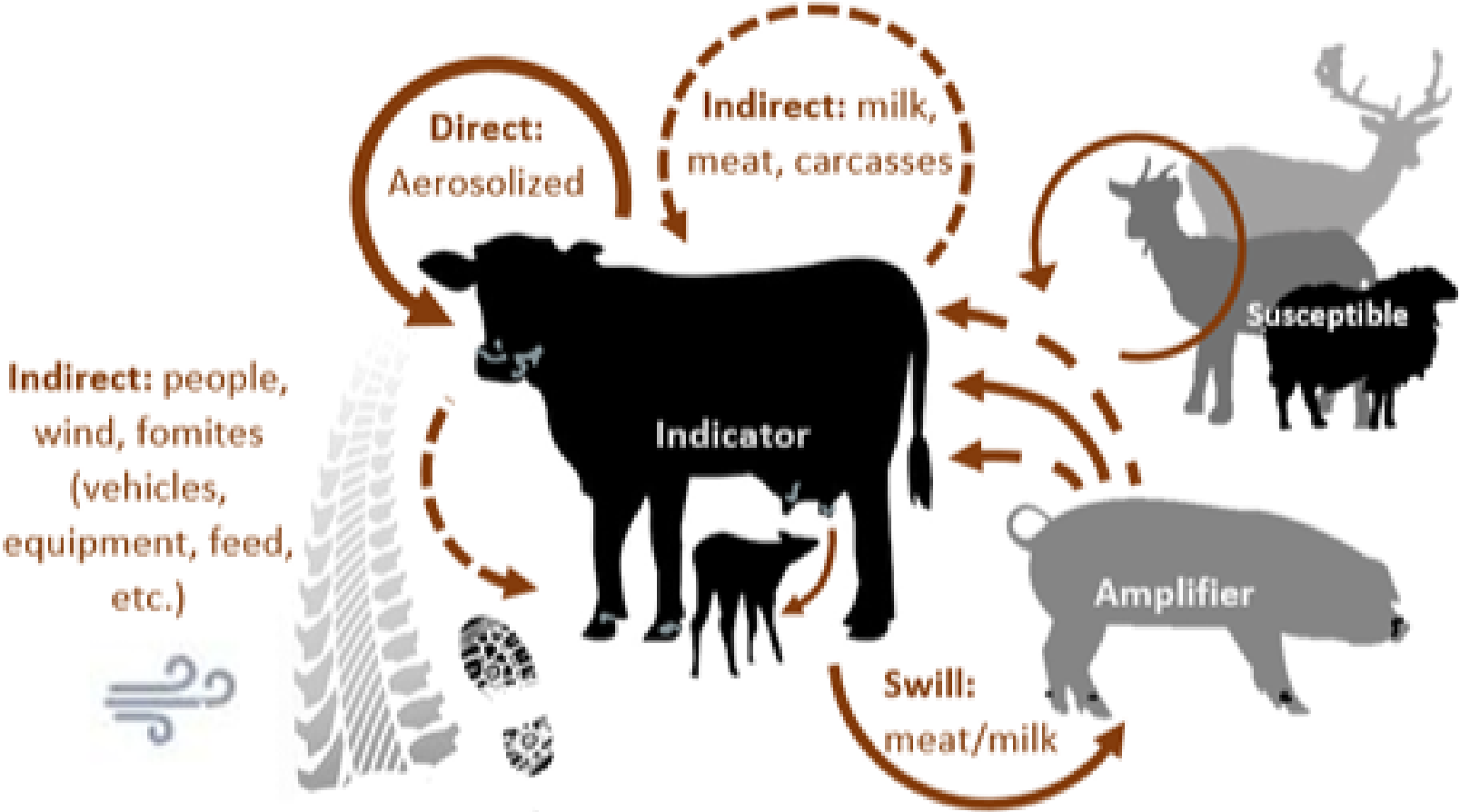
 Members and zones recognised as free from FMD without vaccination

 Members and zones recognised as free from FMD with vaccination

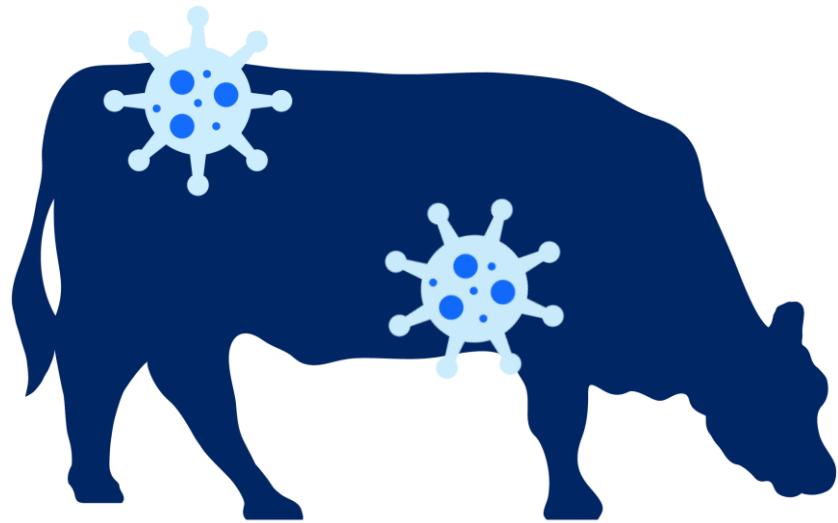
 Countries and zones without an official status for FMD

 Suspension of FMD free status

FMD Transmission



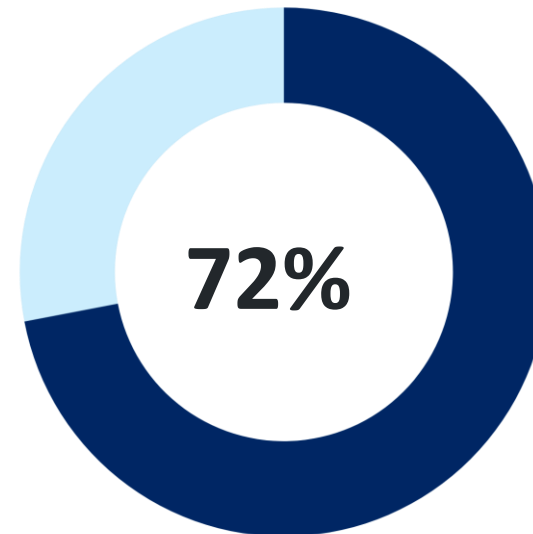
Impact



Animal health and Welfare

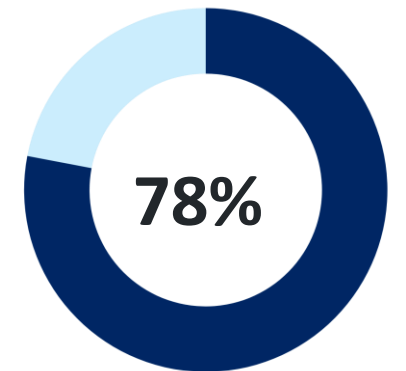
From mild illness to severely affected animals unable to walk or feed

% of exported agricultural production

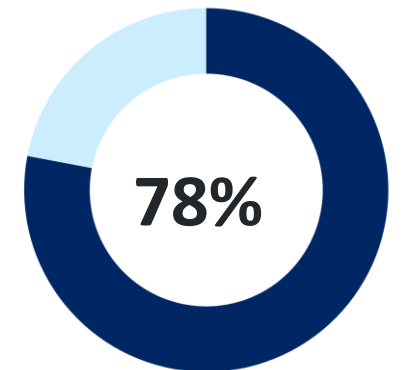


Economic impacts

e.g., a FMD outbreak could cost Australia \$80B (over 10yrs with 3% discount rate)



Mutton and lamb



Beef and veal

FMD Update – Preparedness & Response Activities



-
- Additional \$65 million funding to provide urgent operation support and response capacity and enable broader surge response capability for FMD preparedness and management
 - Funding includes:
 - Investment in sheep and goats individual electronic identification scheme
 - Development and manufacture of mRNA vaccine to combat key significant animal diseases
 - On ground biosecurity risk mitigation and response preparedness activities including investing in a capable and response ready workforce and systems.
 - Consideration is being given to activities that will:
 - Enhance surveillance and diagnostics
 - Enhance surveillance traceability capability improving likelihood of detection
 - Enhance diagnostic capacity for rapid detection
 - Expand emergency management and veterinary capability
-

FMD Preparedness

National preparedness

- Support for Indonesia, PNG, Timor
- Enhanced border testing/ security
- National level govt and industry planning and exercises
- AUSVETPLAN FMD response strategy updated

NSW preparedness

- Legal instruments prepared, initial response plan drafted
- National Livestock Standstill – operational planning with Police/Transport NSW
- Ongoing engagement, targeted comms and exercises with industry

Lumpy skin disease found in Indonesia, putting northern biosecurity on high alert

ABC Rural / By Daniel Fitzgerald

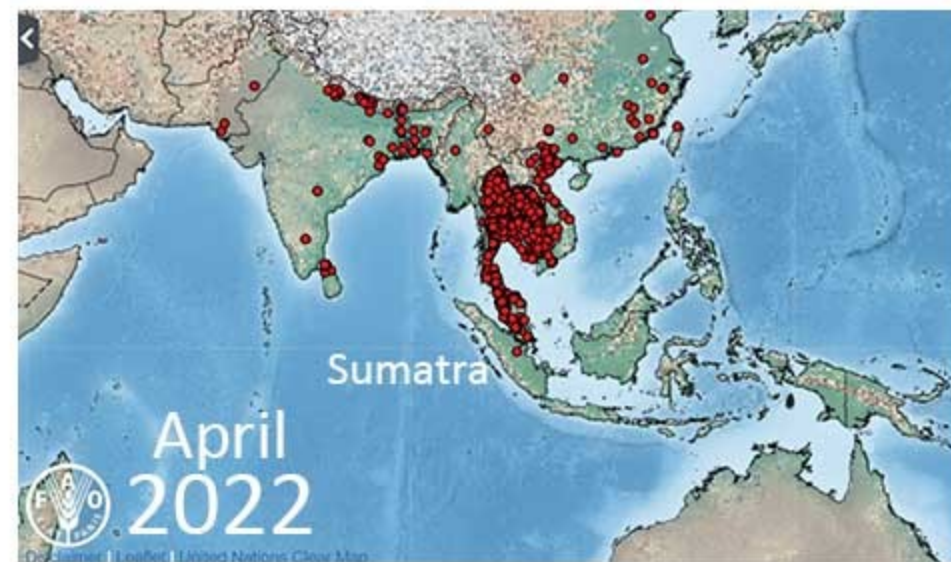
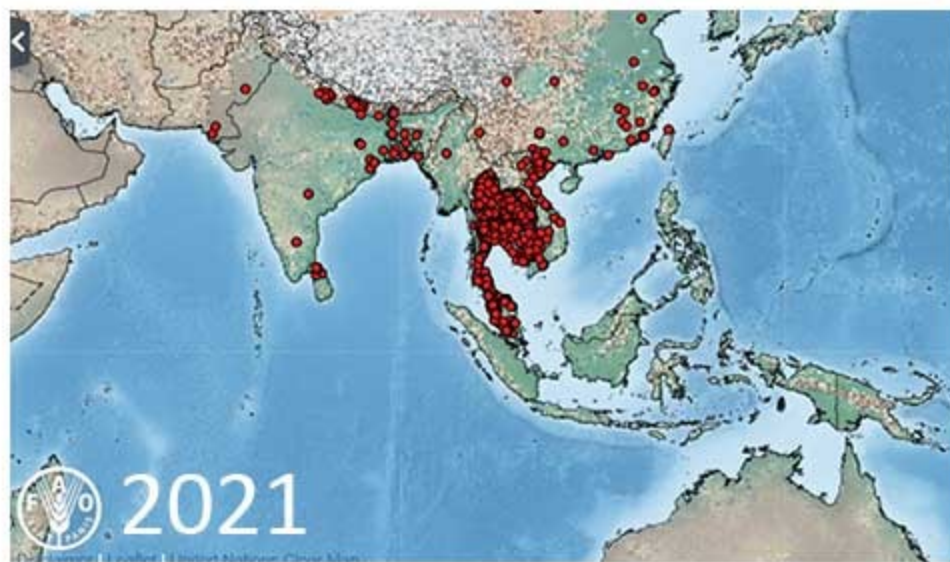
Posted Fri 4 Mar 2022 at 8:04pm



3 March 2022
- Sumatra
- Singapore

With JE experience
– very real concern
that it can get to
Australia

Lumpy Skin Disease



Impact

- 3-4 times increase in probability of outbreak in Australia
- Moved quickly across the world since 2012
- Close markets including meat /hides and also could impact sheep markets
- Vector borne- difficult to manage
- Also spread in milk, semen and direct contact
- JE showed this can occur in southern states
- Will need extensive insect control, animal movement control and vaccination programs
- Lack of vaccine in Australia

Preparedness activities- LSD

- Ausvetplan updated and workshops
- Import of LSD virus for diagnostics
- Enhancing lab testing
- Enhanced border testing/ security
- Support for Indonesia, PNG, Timor
- National LSD Action Plan/ workshops
- National talking points
- Industry taskforce
- LSD vaccine development (mRNA)
- Legal instruments updated
- LSD exclusions
- EPA and disposal
- Ongoing engagement, targeted comms and exercises with industry- fact sheets, webinars, presentations,

Japanese encephalitis

- Evidence that was widespread across NSW
- Notifiable disease- humans and animals
- Report to the **Emergency Animal Disease Watch Hotline on 1800 675 888** or a Local Land Services Authorised Officer (District Veterinarian) on 1300 795 29
- Testing remains important to understand viral and transmission pathway changes
- Flooding in regional areas increases risk of mosquito activity as water recedes



JE support for producers

- Mosquito management plan template and guidance
- Version 2 of the Integrated mosquito management principles for piggeries

WEBINAR FOR VETS
7 December 2022, 6-7pm AEDT

Draft agenda

- Learnings from 21/22 JEV season
- Predictions for 22/23 JEV season
- Reporting and sampling
- Mosquito management
- Q&A



Mosquito management plan: Template and information guide

A planning and information tool to assist you with developing an integrated mosquito management plan to manage your risk of Japanese encephalitis. An integrated approach includes monitoring, environmental (non-chemical) and, depending on your production system, chemical controls.


The template seeks to guide best practice mosquito management and planning of all herd sizes and production systems.

This guide provides:

- Reasoning for implementing mosquito management activity, and
- A description of list of activities, documents or processes that could be followed to adequately meet the requirements for a mosquito management plan.

This list of activities, documents, and processes have been developed in collaboration with the pork industry, pig producers, and pig veterinary specialists.

This plan and actions form part of your biosecurity management plan and includes:



If you notice unusual disease symptoms, abnormal behaviour, unexpected deaths or suspect an emergency animal disease in your pigs, immediately call your veterinarian, stock inspector or the Emergency Animal Disease Watch Hotline on 1800 675 888.

Integrated Mosquito Management Principles for Piggeries



Version 2



Reporting disease

Emergency Animal Disease Hotline **1800 675 888**

Your Local Land Services **1300 795 299**
(during working hours)

If you see any signs of disease that are unusual or clusters of wildlife deaths, you should contact your **WHA Wildlife Coordinator** or call the Emergency Animal Disease Hotline:
1800 675 888



Varroa Mite Response

- 102 Infected premises in NSW identified.
- Standstill on all bee and hive movements in NSW-recreational and commercial beekeepers may move their hives within low-risk areas using the Hive Movement Declaration.
- Owner Reimbursement Costs now available for registered commercial beekeepers in the surveillance zone.
- NSW DPI is continuing:
 - to undertake hive destruction and eradication of wild European bees within the red zone.
 - surveillance operations in surrounding zones to support pest free claims necessary for business continuity.
- NSW DPI, LLS, NSW Police, NSW RFS, NSW EPA, NSW National Parks and Wildlife, and the wider community continue to work together to assist the apiary industry to arrest the spread of the parasite.

Veterinary engagement

National Guidance Document for the Engagement of Private Veterinarians during an Emergency Animal Disease Response

- Established in 2011
- Remuneration scale being updated
- Temporary employment or contract
- Roles
- Training
- NSW DPI project





Emergency Animal Diseases

A guide for
veterinarians

If you suspect an emergency animal disease,
you **MUST** report it to the **Emergency
Animal Disease Watch Hotline** on
1800 675 888 or an Authorised Officer.

EMERGENCY ANIMAL
DISEASE WATCH HOTLINE
1800 675 888



Animal Biosecurity

You can help in an emergency animal disease response

CPD POINTS
for
EMERGENCY
MANAGEMENT
TRAINING



EMtrain
TRAINING FOR EMERGENCIES



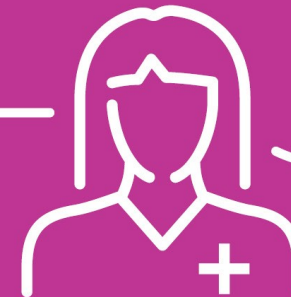
BE AWARE OF
CURRENT THREATS



REPORT
SUSPECTED EADS



COMPLETE
EMERGENCY
RESPONSE TRAINING



CONSIDER A VET
LIAISON ROLE
PARTICIPATE IN
FIELD OPERATIONS



VOLUNTEER IN A
LOCAL CONTROL
CENTRE

Thank you

Get in touch with the NSW DPI Animal Biosecurity team:

animal.biosecurity@dpi.nsw.gov.au

Emergency Animal Disease Hotline: **1800 675 888**

