



NATIONAL ARBOVIRUS MONITORING PROGRAM

WARNING: The information contained herein is correct as of December 2022, and is subject to change.



OUTLINE

01

NAMP DEVELOPMENT

The background

02

NAMP OBJECTIVES

The why

03

NAMP PARTNERS

The who (+ funding)

04

NAMP SURVEILLANCE

The how

05

NAMP OUTPUTS

The what

DEVELOPMENT OF NAMP

1969

Sentinel herd system
established for research

1989

Official commencement of
NAMP

1993

NAMP jointly managed by
cattle and sheep industry
and governments.

NAMP management
assumed by AHA

1997

Industry involvement
expanded

2008

TODAY

OBJECTIVES

1

MARKET ACCESS

Facilitate the export of live cattle, sheep, goats and camelids, and their reproductive material to countries that apply import conditions to mitigate the risk of bluetongue, Akabane and bovine ephemeral fever viruses

2

BTV EARLY WARNING

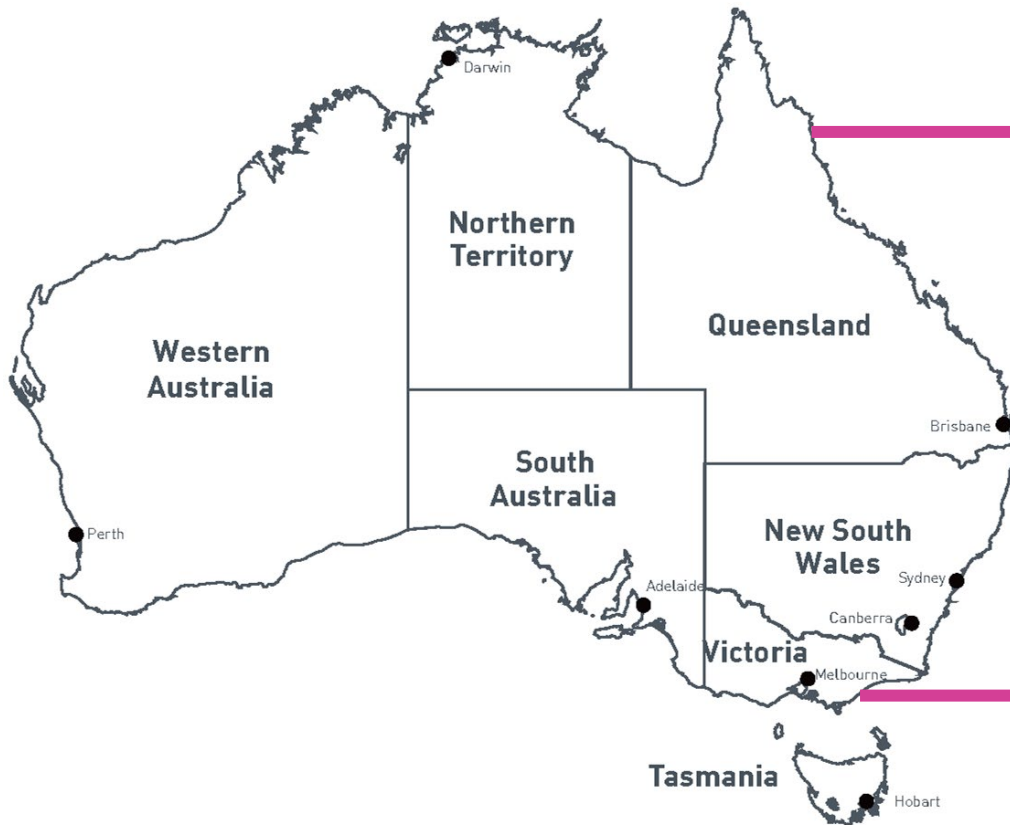
Detect incursions of exotic strains of bluetongue virus and vectors (*Culicoides* species biting midges) that have the potential to adversely affect livestock production in Australia and trade by surveillance of the **northern BTV-endemic area**

3

RISK MANAGEMENT

Detect changes in the **seasonal distribution in Australia** of endemic bluetongue, Akabane and bovine ephemeral fever viruses and their vectors, to **inform livestock producers and support trade**

NAMP PARTNERS



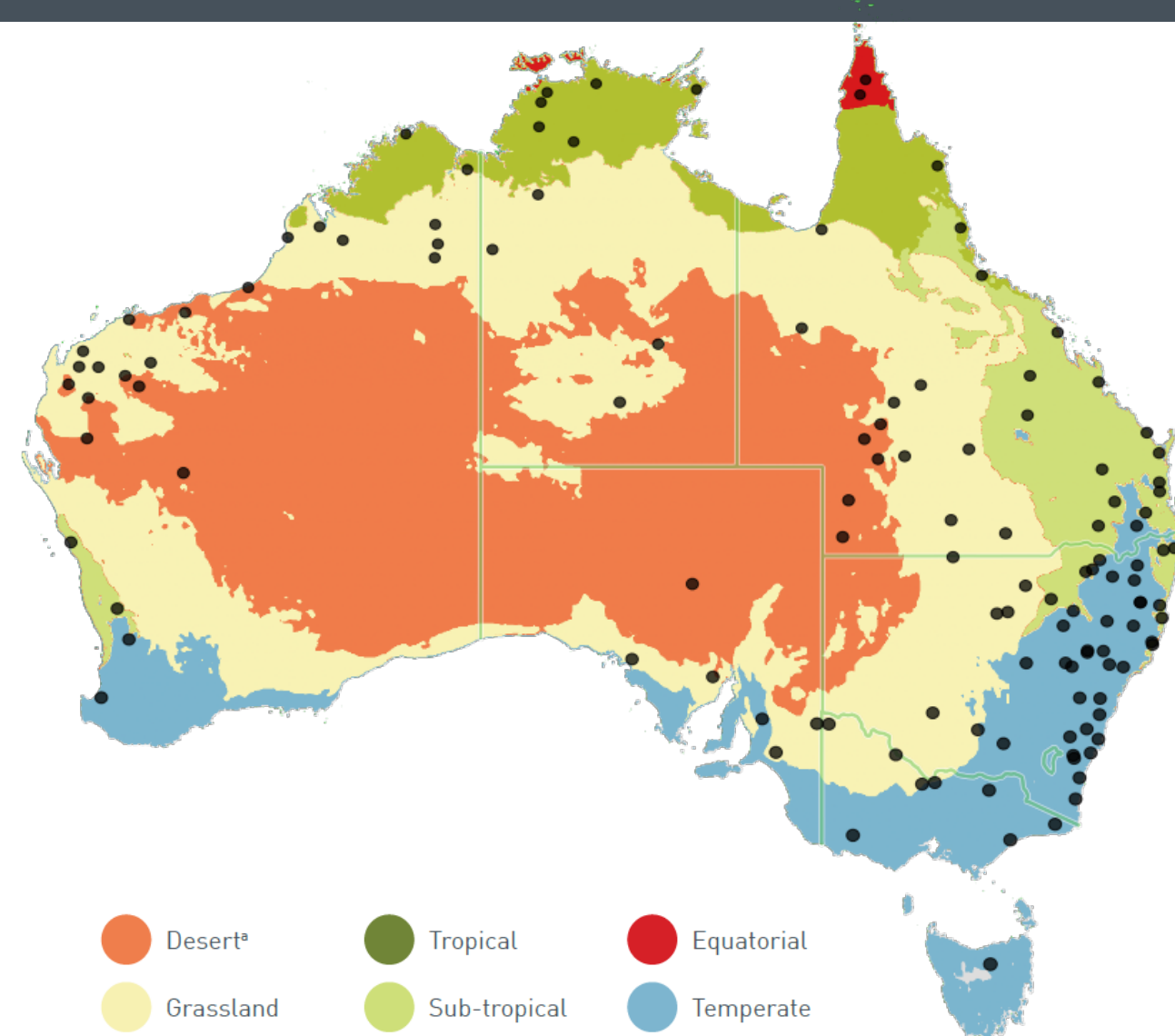
- Livestock industries + producers



- Australian government
- State and territory governments
- Animal Health Australia



MONITORING SITES*



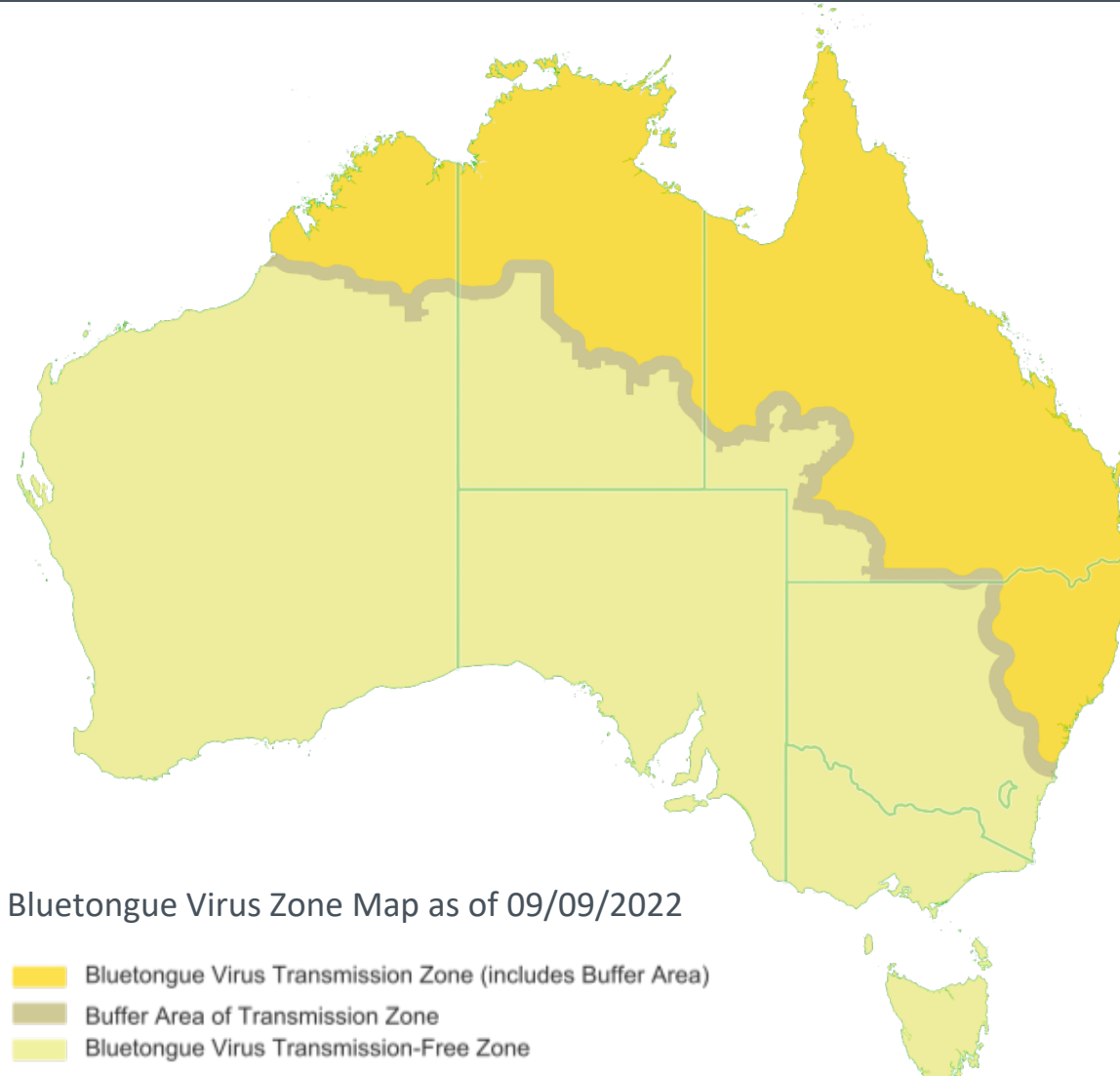
Jurisdiction	Sentinel herds	Serosurveys	Insect traps
NSW	41	4	32
NT	8	1	9
Qld	24	6	23
SA	6	0	4
Tas.	1	0	1
Vic.	8	0	6
WA	13	9	16
TOTAL	101	20	91

*Correct as of December 2022. Site numbers and locations are subject to change.

BLUETONGUE VIRUS ZONE MAP*

*To view the current zone map, scan the below QR code.

SCAN HERE

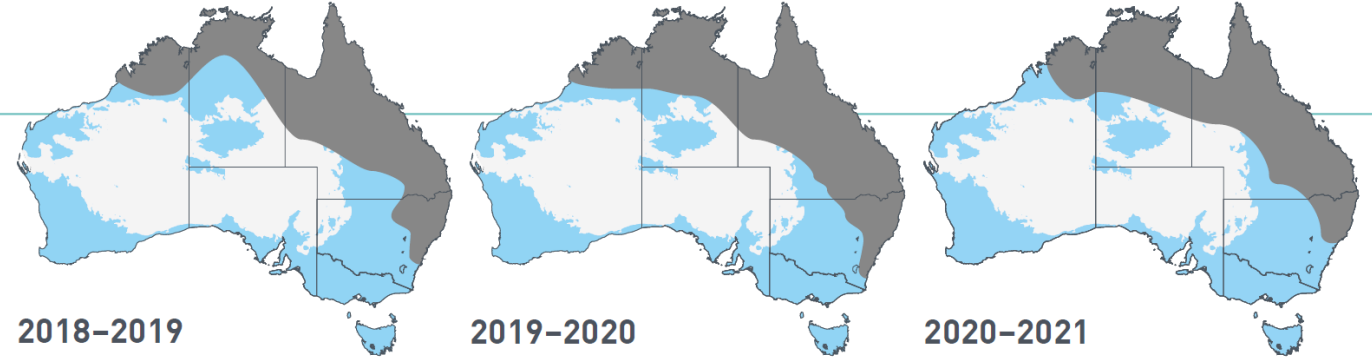


Bluetongue Virus Zone Map as of 09/09/2022

- Bluetongue Virus Transmission Zone (includes Buffer Area)
- Buffer Area of Transmission Zone
- Bluetongue Virus Transmission-Free Zone

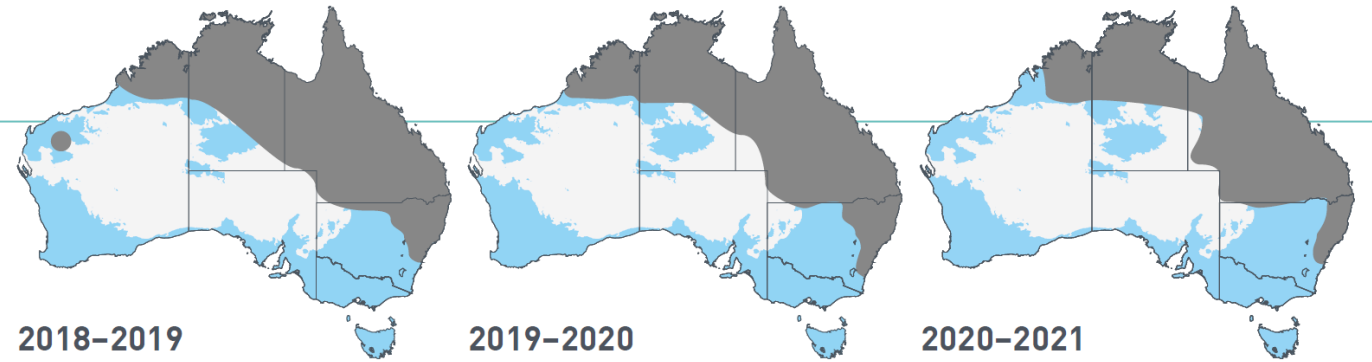
NAMP REPORT AND VIRUS DISTRIBUTION MAPS

Figure 2
Distribution
of bluetongue
virus in
Australia,
2018–2021



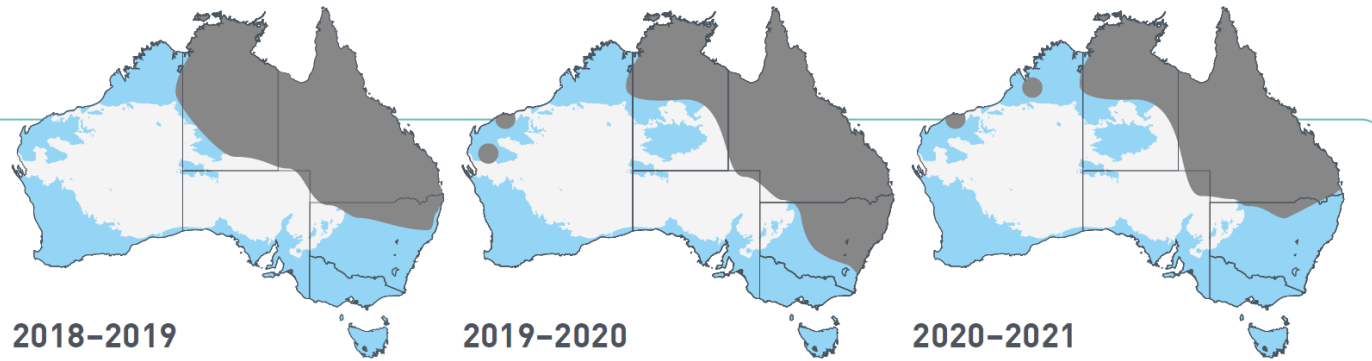
● Bluetongue virus distribution ● Bluetongue virus-free areas ○ Desert^a

Figure 3
Distribution
of Akabane
virus in
Australia,
2018–2021



● Akabane virus distribution ● Akabane virus-free areas ○ Desert^a

Figure 4
Distribution
of bovine
ephemeral
fever virus
in Australia,
2018–2021



● Bovine ephemeral fever virus distribution ● Bovine ephemeral fever virus-free areas ○ Desert^a

^a Köppen climate classification



**SCAN TO SIGN UP
FOR ZONE CHANGE
NOTIFICATIONS**