

FOR INFORMATION

NAMP Technical Committee Annual Meeting 2022

Agenda Item 3.8

Last updated: 19 August 2022

D Grull

TASMANIAN VIROLOGY AND ENTOMOLOGY REPORT**RECOMMENDATION**

1. That the NAMP Technical Committee NOTE NAMP surveillance for the 2021-2022 arbovirus season in TAS

EPIDEMIOLOGICAL FEATURES AND SIGNIFICANCE ON KEY FINDINGS

Tasmania in Winter 2021: It was second warmest winter on record for mean temperature for Tasmania. Both maximum and minimum temperatures were very much above average across the state. Rainfall was close to average for most of Tasmania but generally above average for the Bass Strait Islands and below average in the far south.

Tasmania in Spring 2021. Spring rainfall was very much above average across south-east Tasmania, tending to close to average for most of the western half of the state. Daytime temperatures were close to average in most parts, while nights were warmer than average in most parts except for the south-west.

Tasmania in Summer 2022: Tasmania had its fourth driest summer in 122 years of record. Days and nights were warmer than average across the entire state.

Tasmania in Autumn 2022: Autumn days and nights were much warmer than average for most of Tasmania. Rainfall was below average for western and central parts, but above average along the east and north-east coast.

KEY FINDINGS AND RELEVANCE TO NAMP OBJECTIVES AND PLANNED ACTIONS**a. Bluetongue**

Bluetongue was not detected at the sentinel site in Northern Tasmania.

b. Akabane

Akabane was not detected at the sentinel site in Northern Tasmania.

c. Bovine Ephemeral Fever

Bovine ephemeral Fever was not detected at the sentinel site in Northern Tasmania.

d. Summary of virus isolation, neutralization and PCR tests performed

Nil virus isolation, neutralisation and PCR tests performed

e. Entomology

NAMP trap placement dates at the sentinel site in Northern Tasmania for 2021 were: 11th to 12th January; 1st and 2nd February; 2nd to the 4th of March; and 1st and 2nd of April. No *Culicoides* species of significant interest detected.

ACTIVITIES COMPLETED AND SIGNIFICANCE TO NAMP OBJECTIVES

Under-activity

No impact

Over-activity

No impact

RECOMMENDATIONS TO MANAGEMENT COMMITTEE

No recommendations

FEEDBACK

- Outputs of the NAMP, including the annual NAMP Report and the online BTV zone map, are credible and robust: Strongly agree
- The NAMP satisfies the surveillance data and reporting needs of my organization: Strongly agree