

FOR INFORMATION

NAMP Technical Committee Annual Meeting 2022

Agenda Item 3.

Last updated: 16 August 2022

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NT REPORT VIROLOGY**RECOMMENDATION**

1. That the NAMP Technical Committee

NOTE: Japanese encephalitis caused significant constraints on resources at Berrimah Veterinary Laboratory (BVL)

NOTE: Fungal contamination problems in virology further contributed to significant delays and backlog in virus isolation and identification work

NOTE: For the financial year 2021/22, there was no seroconversion noted outside the bluetongue transmission zone and no new isolates were identified.

NOTE: Significant staff changes in the BVL and the NAQS laboratory

BACKGROUND

2. The annual report attempts to capture an overview of activity of diseases considered relevant to NAMP. Sentinel herds are managed by the NT government and NAQS. BVL conducts the laboratory testing of samples from the sentinel herds, the results of which are represented as an overview in this report.

The herds at Beatrice Hill, Coomalie, Douglas Daly, Victoria River, Katherine and Alice Springs are managed by the NT government while the herds at Garrithiya, Gunbalanya, Bertiehaugh (Qld) and Yorkie Downs (Qld) are managed by NAQS.

BTV serology is performed on all herds. BEF serology on all NT herds. Epizootic Haemorrhagic Disease and Palium on Beatrice Hill only, and Akabane on Alice Spring alone.

Virus isolation is performed weekly on all Beatrice Hill cattle with additional virus isolations on all PCR positive animals.

DISCUSSION

3. BTV seroconversions were seen in all animals in the northern herds (Beatrice Hill, Coomalie and Douglas Daly) with partial seroconversions in Katherine and Gunbalanya. No seroconversions were noted in the free zone. Virus isolations are still pending. A sub sect will be sent to ACDP for geno typing.

Akabane activity was absent in the only site tested – Alice Spring

BEF seroconversions were seen in all animals in the northern herds (Beatrice Hill, Coomalie and Douglas Daly) with partial seroconversions in Katherine and Gunbalanya. A single seroconversion was noted in a serosurvey in a property that is traditionally BEF free.

FINANCIAL IMPLICATIONS

4. Nil

CONSULTATION/COMMUNICATION

NEXT STEPS/ACTIONS

5. Nil