OSPRI MINTRAC – GOLD COAST OCTOBER 2019 ERADICATING BOVINE TUBERCULOSIS FROM NZ



OUTLINE

- National Pest Management Plans
- Risk Based Testing
- Post-Mortem Surveillance
- Keeping Meat Inspectors Motivated
- Open Forum



NZ TB CONTROL UNDER THE BIOSECURITY ACT

Series of progressive National Strategies & Plans leading towards the ultimate goal of eradication:

- NPMP 1 (1998-2001): Stabilisation of TB situation
- NPMP 2 (2002-2011): OIE country freedom
- NPMP 3 (2012-2015): Proof of concept TB eradication
- NPMP 4 (2016-2055): Biological eradication in NZ



OUR NEW GOALS ERADICATING TB FROM NEW ZEALAND



<0.2% PERIOD PREVALENCE



OBJECTIVES FOR RBT

- Implement a new TB surveillance system of sufficient sensitivity to find disease when it occurs to ensure that TB Plan objectives are met.
- Such a system will:
 - Reduce unnecessary TB testing numbers and costs
 - Provide alternate means of surveillance where on-farm testing removed
 - Allow for TB risk to be assessed, recorded and managed at multiple levels (premises; cohort/consignment; individual animal)
 - Be (relatively) simple and easy to understand in implementation





On farm testing is planned to reduce over the term of the plan, thereby increasing the reliance of meat inspection for TB surveillance.

POST MORTEM TB SURVEILLANCE







TB surveillance through on farm testing and slaughter of reactors, alongside routine inspection of cattle and deer, continues to be a cornerstone of the TB programme.

Quality decisions at inspection points provide confidence where the disease is, and just importantly, where it is not.



OSPRI'S POST-MORTEM SURVEILLANCE PROJECT

- Aims to increase awareness of Bovine TB
- Assist Official Assessors in identification and submission of suspicious lesions
- Provide feedback on submission rates and results
- Help New Zealand become Biologically free of TB by 2055



CHALLENGES/ISSUES

- Slaughter plant process
- Additional work involved when sampling Memorandum of Understanding
- Difficulty in getting TB reactor cattle processed



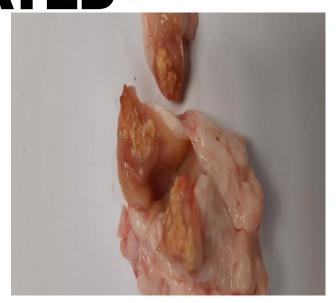
CHALLENGES/ISSUES

- Processing young cattle
- On plant decisions made without validation that granuloma is not typical of TB.
- Company Meat Inspectors



KEEPING MEAT INSPECTORS MOTIVATED

- Implement a feedback process
- Share photos of submitted lesions
- Provide TB herd infection rates
- Lesions submitted per slaughter plant





KEEPING MEAT INSPECTORS MOTIVATED

- TB Pest management operations
- Incentives
- Key on plant rep ownership
- Biennial refresher





Keeping Meat Inspectors Motivated - Open Forum

- What learnings can we utilise in NZ
- What worked well in Australia
- What did not work
- How was motivation maintained in Australia
- Findings will assist OSPRI in its approach to on going Skills
 Maintenance for TB granuloma recognition at Post Mortem Inspection





THANK YOU.

