World Organisation for Animal Health

中国兽医药品监察所
China Institute of Veterinary Drug Control
国家动物布鲁氏菌病参考实验室
National Reference Laboratory for Animal Brucellosis

Presentation Title: Challenges and Opportunities for Brucellosis Surveillance and Control

Philippines

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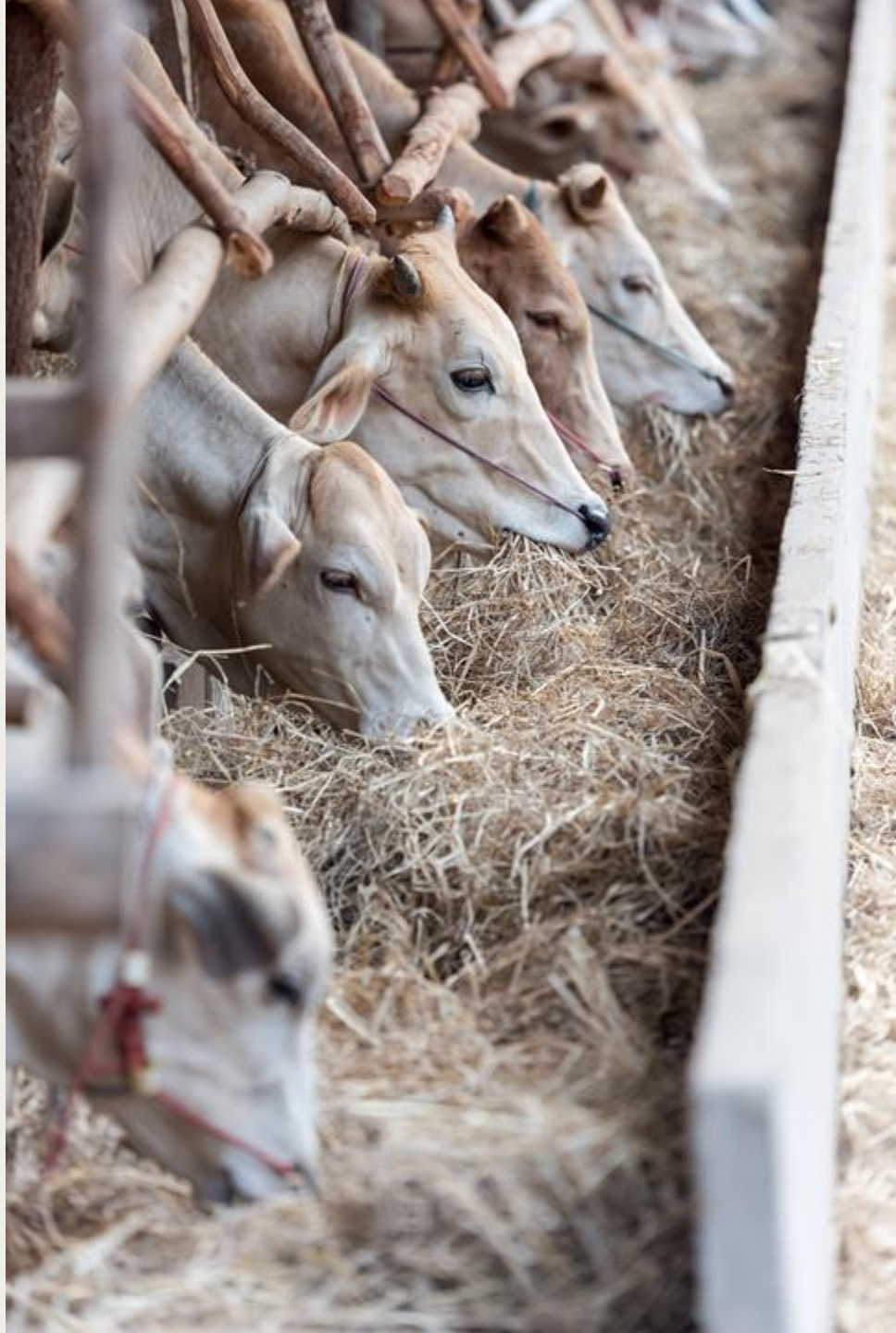
WOAH Regional Training Workshop on Brucellosis Diagnosis
Beijing, China P.R., 5 – 8 August 2025

4th International Academic Conference on Brucellosis
(5 August)



Current disease situation

- *With help of a map/graph, kindly state the current situation of the disease, animal species affected, bacterial species identified, prevalence, economic burden etc.*

- As of writing, there is **no active national surveillance for Brucellosis** in livestock in the Philippines.
- However, it is one of the diseases monitored for:
    - **local shipment** of animals (swine, small and large ruminants)
    - **importation** (swine, small and large ruminants)
    - **farm accreditation** (swine) (DA AO 5 s2019, MC 30 s2024)

Disease Diagnostics

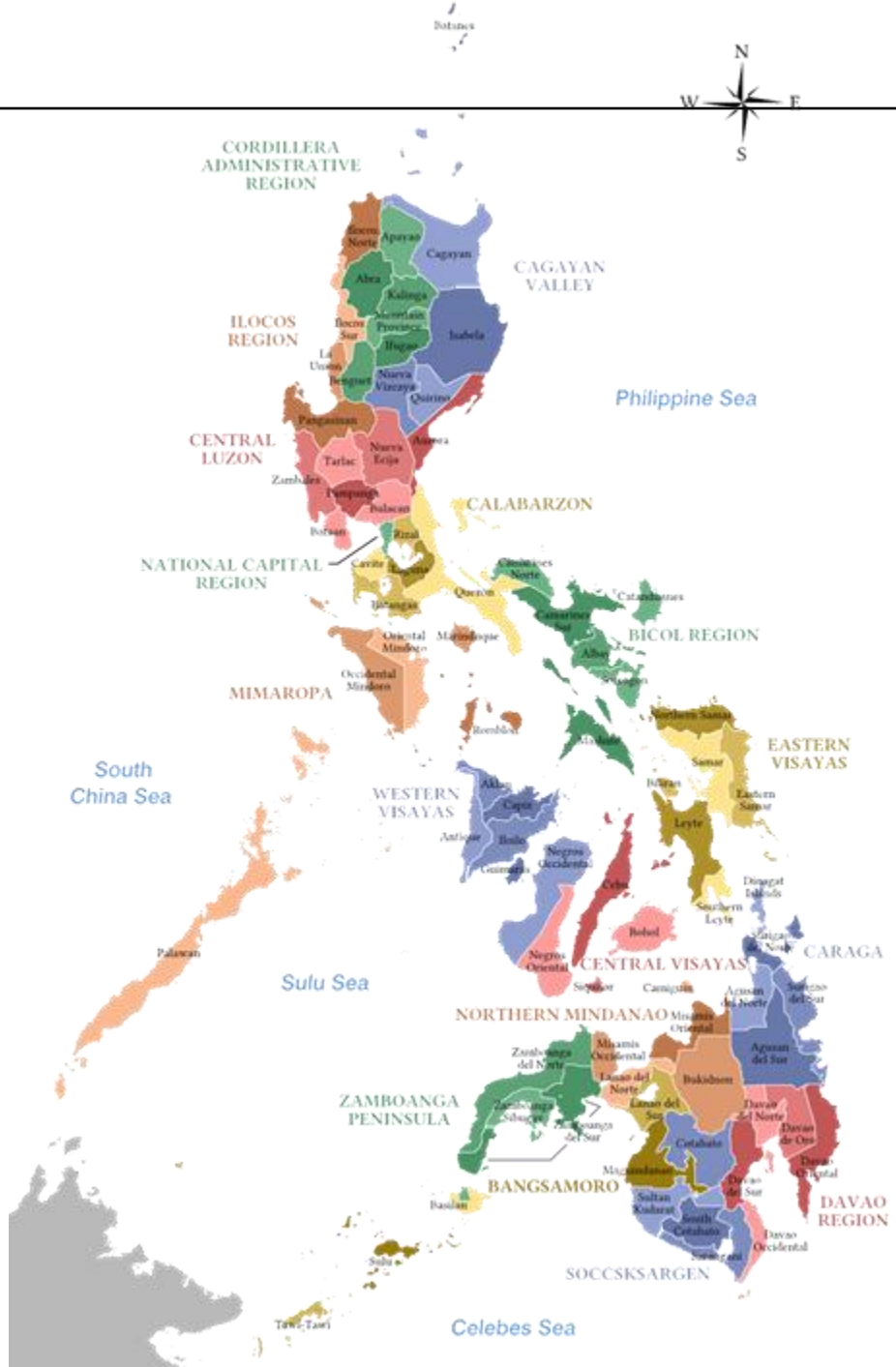
- *Please provide a summary of the laboratory diagnostic capacity and current diagnostic tests used*

Brucellosis tests available at ADDRL

- Rose Bengal Test
- Indirect ELISA
- qPCR

Brucellosis tests available at subnational laboratories:

- Rose Bengal Test
- Indirect ELISA



Disease Surveillance

- *Please provide a brief description of key disease surveillance activities undertaken including key challenges and how you are addressing it*

Activity	Challenge	Actions
Routine monitoring in local shipment, importation, farm accreditation, diagnostics	- Limited data analysis - Under-reporting at the farm level - Limited testing capacity at the national laboratory - Lack of BSL-3 facility for bacterial isolation	- Development of animal health program for brucellosis - Proposal for increased awareness of stakeholders - Recently optimized qPCR protocol - Participation in the latest Asia-Pacific Bovine Brucellosis Inter-Laboratory Proficiency Test 2024 - Participation in brucellosis diagnostic trainings provided by reference laboratories
Active National Surveillance	- Non-existing	- Inclusion in the list of BAI priority animal diseases (inclusion in the list will lead to the development of a disease-specific animal health program)

Disease Prevention and Control or Preparedness Strategy

- *Please provide a brief description of disease prevention and control activities being undertaken such as biosecurity measures, vaccination policies/strategies, risk communication, one health coordination etc.*

  - **GAHP** (Good Animal Husbandry Practices)
  - **Regular monitoring** is in place for large, small ruminants and swine intended for breeding.
  - Negative test is required **prior to movement** (inter-provincial, interregional, interisland)
  - It is also required for breeder, farm accreditation and issuance of **Animal Disease Monitoring Compliance Certificate**.
  - Recent inclusion in the BAI **priority list of animal diseases** (BAI MC 21 s.2025)

Key challenges/issues

- *Please provide a brief description of key constraints/challenges in disease prevention and control*

- As of writing, there is **currently no animal health program specific for brucellosis**.
- Due to other ongoing animal health emergencies in the country (AI, ASF, etc.) and the efforts against emerging and re-emerging infectious diseases, there are **limited resources and capacity for brucellosis.**

Way forward

- *Please provide a brief description of future activities for brucellosis prevention and control including any elimination strategies/plans*
- Recent inclusion in the **BAI priority list of animal diseases** (BAI MC 21 s.2025)
- A **National Brucellosis Control and Prevention Program (NBCPP)** is to be developed by **2026** with relevant stakeholders to support current disease monitoring strategy.
- A Technical Working Group will be created to **formulate the guidelines.**
- BAI will also actively seek **additional budget support** for laboratory testing, workshops, and iec.

Thank you!

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