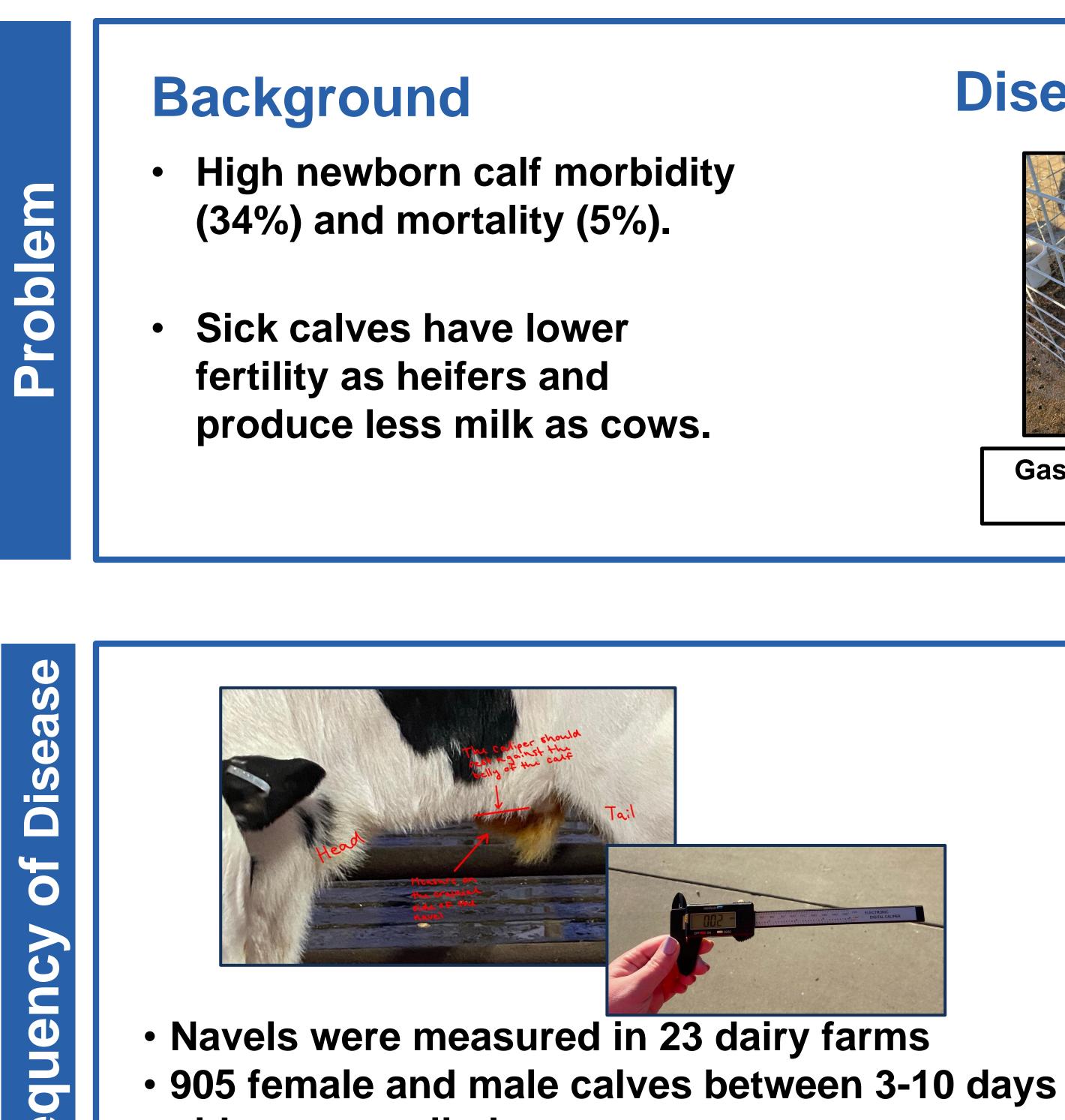
Improving Calf Health – A Holistic Extension Approach



- old were enrolled
- ≤13 mm: adequate, ≥ 20 mm: inadequate

Health Implications

teps



UNIVERSITY OF CALIFORNIA Agriculture and Natural Resources

Noelia Silva-del-Rio, Dairy Herd Health Specialist, Veterinary Teaching and Research Center Daniela Bruno, Dairy Advisor Fresno, Madera & Kings Counties Rubia Branco-Lopes, PhD student, Animal Biology Graduate Group

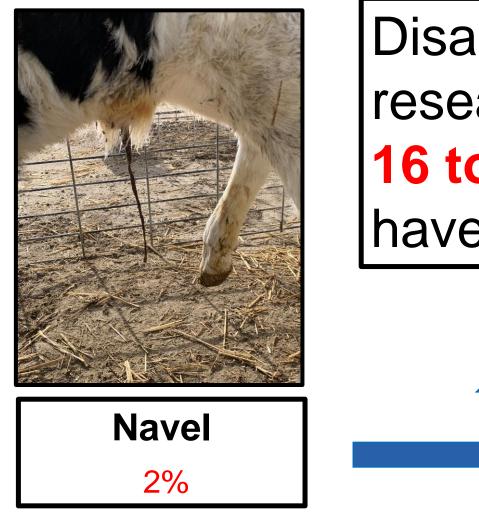
Diseases in US dairies (reported by producers)

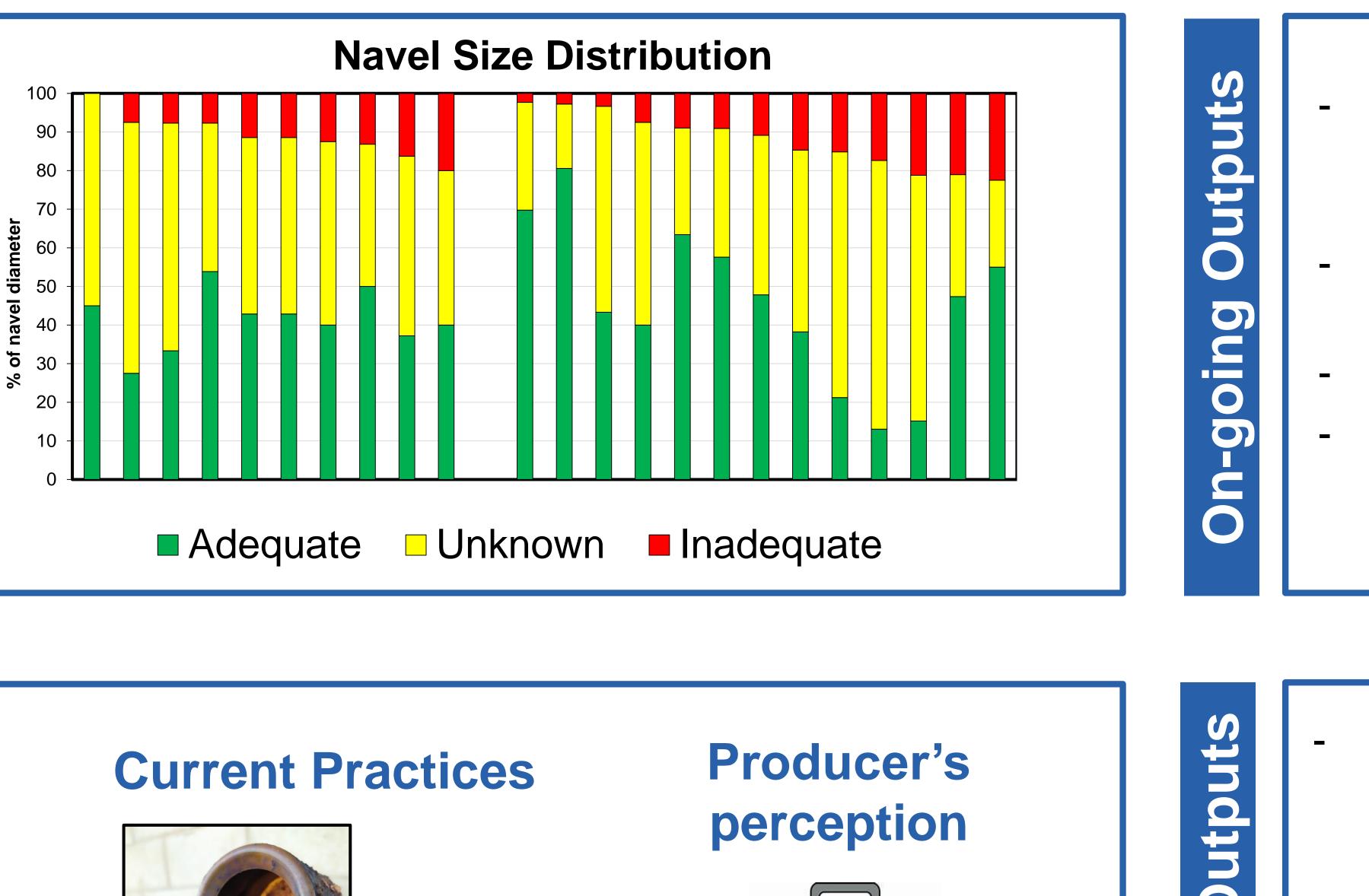


Gastrointestinal 21%

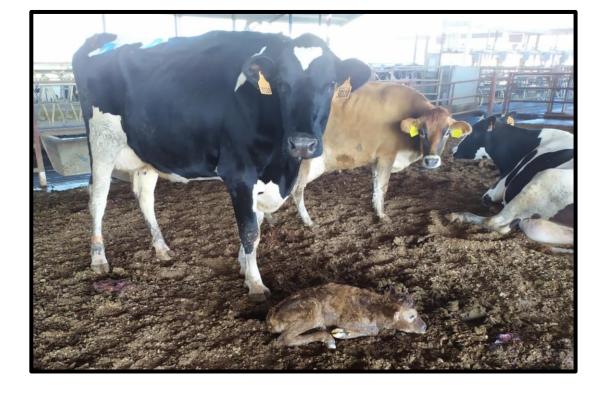


Respiratory 12%

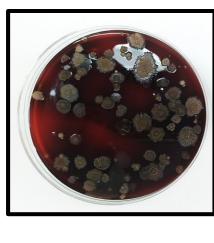




Risk factors









Disagrees with research studies: 16 to 30% of calves have navel disease

Hypothesis

OX





• Navel disease is under-reported in CA.

 Navel disease increases the risk of morbidity and mortality.

Some management factors increase the risk of navel disease.

Improving navel care and minimizing risk factors reduces navel disease.

- Share results with each participant dairy and allied industry partners.
- **Outreach: Newsletter article,** industry presentations.
- Manuscript publication.
- **Presentation in scientific** meetings.

Develop evidence-based guidelines on how to care for the navel.

Design training materials aimed at dairy workers.



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