



On-farm monitoring



On-farm remote monitoring

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- P1a: Satellite monitoring of Kikuyu based pastures
- P4: Real-time sensing of 10 maize crops for silage



P2 Unlocking the potential of the cow

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- P2a - Cow longevity: sampled more than 1,000 cows for longevity biomarkers
- P2f - Collected more than 1700 samples for infectious diseases screening

Early successes



P1c: Genetic variability

Three new Kikuyu varieties earmarked for further screening.

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P2f ARC funding

Additional funding enabled expansion of genomic microbial surveillance of infectious diseases

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Delivered

P3: The Economics of Intensification

- Financial and physical farm analysis
- Social research

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P5: Our Farm Our Plan

55 individual farm plans completed in 2022/23

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4 Papers Published in Scientific Journals

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P7: Dairy Business for Future Climates

- Kempsey case study

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P10: Sustainable Pathways for Surplus Calves

- Economics and risks of raising non-replacement dairy calves

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Delivery organisations



Partner organisations



Additional program supporters, collaborations or partnerships

Charles Sturt University | DairyBio | DataGene | Eagle Direct | Entegra | Macquarie University | smaXtec | UC Davis | University of Technology Sydney