

PGP06-09013 Public Summary Q4 2017

Transforming the Dairy Value Chain

Presentations, Publications & Training Courses

- 18 industry publications accepted
- 33 industry workshops, resources, events or training programmes delivered
- 14 presentations to conferences and other events
- 1 international patent

Key highlights and achievements

- The first PhD student from Livestock Improvement Corporation's Gene Sequencing project, Chad Harland, will submit his thesis titled *Mutations in Bos Taurus*. Chad has worked with sequencing datasets to study the possibility of using such data in genomic selection and identifying causative mutations for traits of interest.
- Agrigate and Ravensdown have confirmed their intention to use data-sharing resource DataLinker. This public endorsement will encourage other industry stakeholders to sign up.
- Delivery of key outputs in the Land Management project are complete with more than 550 rural professionals trained in riparian management through 23 events and the final two guides released to industry - *Farmers Guide to Waste on Farm* and *Farmers Guide to Wetlands*.
- The Rural Governance Development Programme, designed to improve management and governance practices within dairy farming, will be offered by Business Torque Systems from June 2017, and will be available to all rural businesses, not just dairy.
- The Precision Agriculture project has been assessed through an independent review, which recommended that DairyNZ continue on with this work, as the provision of information and guidance to both farmers and technology providers is greatly valued by them.
- The school Leadership Pipeline clubs, AgriKids and TeenAg, engage with students, develop leadership skills and thereby recruit students into pastoral careers. The AgriKids and TeenAg Grand Final contests attracted nearly 1000 participants (*12% increase over 2016*).
- Assessment of the Farmer Wellness and Wellbeing programme indicates a gain of \$11.2 million per annum in improved productivity. The programme has reached more than 8000 people directly through its GoodYarn mental health workshops and Health PitStops.
- The pilot course '*Introduction to New Zealand's Agricultural Greenhouse gas emissions and management*' was held at Massey University in May, with 27 rural professionals attending. This will enable these people to have informed conversations with farmers around this key topic.
- The number of certified body condition score assessors surpasses the target of 280 and is at 315. The revised certification model is endorsed by Dairy Cattle Vets and New Zealand Institute of Primary Industry Management.
- An international patent was published for Fonterra's quick-service mozzarella.
- The human study looking at the impact of dietary gangliosides on infants and children without the ability to synthesise these components is now complete. Discussions regarding future work are under way, including new opportunities to explore the functional relevance of dietary GA in human health.

Investment

Investment period	Industry contribution	MPI contribution	Total Investment
During This Quarter	\$3.9	\$3.7	\$7.6
Programme To Date	\$74.3	\$75	\$149.3

