

QUARTERLY PROGRESS SUMMARY: April – June 2015

New Dairy Products and Value Chains (Whai Hua)

Summary of progress during the quarter

- The Annual Plan for 2015-16 work has been completed and signed off by MPI and Whai Hua.
- New requirements for ACVM approval have led to a need for increased in-kind investment in the Probiotic objective and therefore, the number of treatments in the spring trial has been reduced.
- Where antibiotics were used to flush out the gut microflora of mice, subsequent feeding treatments have influenced the recolonisation pattern of certain bacteria at a genus level.
- Sires with high target breeding values and good production worth have been identified for future matings.
- Suitable cows have been identified for vaccination and the first stages of the immunization protocol have been completed.
- A customer engagement plan has been developed for the rest of 2015. The objective of intended visits is to explore commercial opportunities arising from the PGP programme.

Key highlights and achievements

- Milk traits of the Superior herd have been profiled for the second year and again there are no negative interactions between the target compounds and other production traits.

Upcoming activities

- Results from two efficacy studies will be drafted for peer reviewed science publication.
- Considerable and significant processing R&D will be conducted during the next six months.

Investment

Investment period	Industry contribution	MPI contribution	Total investment
During this Quarter	\$188,000	\$188,000	\$376,000
Programme To Date	\$1,337,000	\$1,337,000	\$2,674,000