

QUARTERLY PROGRESS SUMMARY: JANUARY – March 2016

New Dairy Products and Value Chains (Whai Hua)

Summary of progress during the quarter

- Unlike a previous Skim Milk Powder (SMP) experiment, the Whey Protein Concentrate format did not reduce the infection of Citrobacteria in the model gut. This was a surprising result.
- First calving heifers have been screened and 200 have been identified as replacements for the 2016-17 elite herd being farmed by Wairarapa Moana Incorporated.
- Good retention of the target compound's activity (76%) has been achieved when producing SMP at a commercial scale.
- Market research has been completed and target customers within four segments have been identified.

Key highlights and achievement

- The high retention of the target compound's activity during processing is a significant achievement. The next step is to gain regulatory approval for the processing specifications at a commercial scale.

Upcoming activities

- Standard operational procedures will be developed for the commercial production and processing steps of supplying the target products.
- Scientific papers will be submitted for publication in order to support marketing initiatives.

Investment

Investment period	Industry contribution	MPI contribution	Total investment
During this Quarter	\$186k	\$186k	\$372K
Programme To Date	\$1679k	\$1679k	\$3358k