

April - June 2015 - High-performance Manuka Plantations Executive Summary

High Performance Manuka Plantations PGP Programme

Summary of progress during this quarter

- Full statistical analysis has been completed of the nectar samples collected and analysed from the 2014/15 season.
- A full report of all information for each of the plantation trial sites has been completed.
- A single secure database has been created that houses data collected from the research projects and trial sites.

Key highlights and achievements

- The first iteration of a Field Manual has been completed, providing guidelines for sampling and monitoring of mānuka plantations.
- Draft Technical Notes have been developed; these notes collate learnings to date for the preparation, planting and management of high performance mānuka plantations.
- Two further papers are ready to submit to scientific journals on the topic of Genetic and environmental influences on nectar composition and yield in *Leptospermum scoparium*: (1) A manuscript describing studies of 10 mānuka genotypes on 1 soil type; and (2) A manuscript describing analytical methods to measure sugars and DHA in nectar.
- An oral poster presentation at the combined NZIAHS & NZIAPB 'Plants for the Future' Conference (1-3 July 2015 at Massey University, Palmerston North) "Genetic Constraints of High Performance Manuka".

Collaboration with other PGP programmes

- Knowledge gained from analytical techniques developed in PhD studies in the mānuka PGP programme are being applied to project(s) in the Transforming the Dairy Value Chain PGP programme.

Upcoming

- MRPL is preparing a website to facilitate the distribution of high performing mānuka seedlings, and information from the PGP programme.

Investment

Investment period	Industry contribution	MPI contribution	Total investment
During this Quarter	\$167,957	\$42,082	\$210,039
Programme To Date	\$936,498	\$547,289	\$1,483,787