

## QUARTERLY PROGRESS SUMMARY: April – June 2015

### High Performance Manuka Plantations PGP Programme

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#### Summary of progress during this quarter

- Annual analysis of nectar sample from all trial sites has been completed
- Full statistical analysis has been completed on the nectar collected and analysed for the 2014/2015 season.
- A full report of all information for each of the trial sites and plantation data has been completed.
- A single secured database has been created and houses data collected from the research projects and trial sites.

#### Key highlights and achievements

- Two further papers ready to submit to scientific journals: (1) Manuscript describing 10 genotypes on 1 soil type results, and (2) 'spectroscopy' manuscript focused on analytical methods to measure sugars and DHA in nectar. Genetic and environmental influences on nectar composition and yield in *Leptospermum scoparium* (mānuka).
- The first iteration of a Research Field manual has been completed. This is a standard set of guidelines for sampling and monitoring mānuka field plantations throughout the PGP programme.
- Draft Technical notes have been developed, these notes discuss core technical aspects involving preparation, planting and managing high performance mānuka plantations.
- 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 Transforming the Dairy Value Chain PGP project.

#### Upcoming

- The programme continues with the increased intensity in terms of project work, its oversight and management.
- Increase in intensity to produce the commercialisation plan
- Development of web presence for distribution of high performing mānuka seedlings and PGP information.

#### Investment

Investment period	Industry contribution	MPI contribution	Total investment
During this Quarter	\$124,331	\$42,082	\$166,413
Programme To Date	\$937,644	\$547,289	\$1,484,933