

High Performance Manuka Plantations *PGP Programme*

Quarterly Progress Report

April to June 2013 (Quarter 4 2012/13)

Executive Summary

Work was progressed in the following areas during Quarter 4 2012/13:

Objective 1: Determine the key environmental factors which influence plant growth, flowering, nectar yield and nectar quality through controlled greenhouse trials

Monitoring of the greenhouse trials continued assessing effects of soils and latitude on a range of Manuka clones. These trials will continue into 2013/14.

Objective 2: Determine the effects of site, microsite and stocking rate on growth, flowering, nectar yield and quality

Monitoring of the established Manuka variety and clone trial plots and broad acre Manuka plantings continued at three sites in the lower and central North Island. The pilot trial site in the lower Eastern North Island region was discontinued.

Field techniques for nectar sampling have been refined and are working well.