

Biosecurity New Zealand

Tiakitanga Pūtaiao Aotearoa

ApiWellbeing

Genetic analysis of American foulbrood circulating in New Zealand

ApiWellbeing is a new science project (3 years) funded by the Ministry for Primary Industries (MPI), aims to improve bee biosecurity. Started in July 2019.



We are collecting at least 300 American foulbrood (AFB) samples over the next two years and we will sequence the genome of the AFB bacteria (P.larvae).



A single larva or bee pupa will be collected from your affected apiary.





The sample will be sent to our lab in Upper Hutt where we will grow and sequence the AFB bacteria.

Samples will be taken all around New Zealand with the assistance of the AFB National Pest Management Agency and their AP2 inspectors.

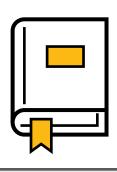


We will **not** collect or store any identifying information or your apiary locations. We will only record the region of New Zealand your sample came from.

This work is only part of the ApiWellbeing project at MPI that will help us to better understand what types of AFB we have in New Zealand and how they are linked together.



We don't just intend to publish yhis work in science papers. We also want to provide practical advice and explanations in every day language about what we have found.



If you also sign the extra form this means we can share your sample with other researchers like Plant & Food, Victoria University and Massey. They can then conduct their own research on AFB. You do not have to sign the form.

www.biosecurity.govt.nz/honey-and-bees/

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