



Ref: CTO 2014 012 [G]

Invertebrates: Malaghan Institute of Medical Research

CTO direction to biosecurity inspectors for the direction of *Heligmosomoides polygyrus* parasite worms, *Nippostrongylus brasiliensis* worm cultures, *Trichuris suis* nematode eggs / larvae in culture medium and *Necator americanus* hookworms imported by Malaghan Institute of Medical Research only.

Pursuant to section 27(1)(d)(iii) of the Biosecurity Act 1993 I, Vicki Melville, Manager Animal Imports, Ministry for Primary Industries (under delegated authority), give the following direction for *Heligmosomoides polygyrus* parasite worms, *Nippostrongylus brasiliensis* worm cultures, *Trichuris suis* nematode eggs / larvae in culture medium and *Necator americanus* hookworms to be given direction in accordance with the following measures, different from those in the applicable import health standard for the importation of invertebrates into New Zealand (INVNONIC.ALL):

Following a biosecurity authorisation, the container(s) containing *Heligmosomoides polygyrus* parasite worms, *Nippostrongylus brasiliensis* worm cultures, *Trichuris suis* nematode eggs / larvae in culture medium and *Necator americanus* hookworms must proceed to the approved transitional facility which must be operated according to the MPI / EPA standard 154.03.02 (Facilities for Microorganisms and Cell Cultures: 2007a) at Physical Containment Level 2.

Malaghan Institute of Medical Research is not approved to the transitional facility standard stated in the import health standard. However, the above listed organisms are small in size, relatively immobile, and would not be capable of escaping from the transitional facility without assistance (via the host, or transfer of faecal material). It is not intended that these be released from the transitional facility. As per the IHS and permit to import if they are to be released from the transitional facility the requirements listed on the permit to import must be met, including providing evidence from a recognised expert that the above listed imported invertebrates are the same species as described on the permit to import. This expert will also need to provide evidence that the above listed invertebrates are not diseased and are not carrying any associated organisms. This evidence would also need to be assessed by a subject matter expert within the Ministry for Primary Industries.

The reason for giving direction is that the biosecurity risks associated with this CTO direction have been assessed and are managed effectively.

This direction takes effect from the date of signing and continues in effect until amended or revoked.