



Ref: CTO 2018 017 [G]

Invertebrates: Genetically modified *Caenorhabditis elegans* (as per HSNO approval GMC100009)

**CTO direction as to equivalent measures in relation to genetically modified *Caenorhabditis elegans* (as per HSNO approval GMC100009) imported by the University of Auckland only.**

Pursuant to section 27(1)(d)(iii) of the Biosecurity Act 1993 I, Lucy Johnston, Manager Animal Imports, Ministry for Primary Industries (under delegated authority), give the following directions for genetically modified *Caenorhabditis elegans* (as per HSNO approval GMC100009) in relation to the *Import Health Standard for the Importation of New Organism Invertebrates into Containment in New Zealand* (INVCONIC.ALL):

**Clause 11.1**

Clause 11.1 of INVCONIC.ALL states:

- 11.1 *Following a biosecurity authorisation, the container must proceed to the approved containment facility which must be operated according to the MAF Standard 154.02.08. Transitional and containment facility for invertebrates.*

Following a biosecurity authorisation, the container(s) containing genetically modified *C. elegans* (as per HSNO approval GMC100009) must proceed to the approved containment 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 (PC2).

The decision document relating to HSNO approval GMC100009 requires the genetically modified *C. elegans* to be imported into a containment 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 (PC2).

Furthermore, *C. elegans* are small in size, relatively immobile, and would not be capable of escaping from the containment facility without assistance (via the host, or transfer of faecal material). It is not intended that these be released from the containment facility.

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

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

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