

CTO direction code for recording in Quantum: CTOPlants:2019029

Pursuant to section 27(1)(d)(iii) of the Biosecurity Act 1993 I, **Peter Thomson**, give the following directions for consignment C2015/249551 of *Malus* plants for planting imported from Australia, by Havelock North Fruit Co Ltd, to be considered for biosecurity clearance in accordance with the following measures, different from those required by the *Malus* schedule in the import health standard (IHS)

155.02.06: Importation of nursery stock:

This decision applies only to the following plants from the above consignment, currently held in Level 3B post entry quarantine at the MPI PHEL Level 3B post entry quarantine facility: 71P-1F (2 plants), 71P-1K (2 plants), 71P-1L (4 plants), 71P-2P (4 plants), 71P-3K (3 plants) and 71P-3L (4 plants).

- Demonstrating successful transmission of the non-regulated pest Apple mosaic virus to both Golden Delicious and Red Delicious positive control plants. This transmission is based on expression of symptoms of Apple mosaic virus on leaves of all positive control plants, and absence of symptoms in negative controls;
- Demonstrating successful transmission of the non-regulated pests Apple mosaic virus and Apple stem pitting virus to both Golden Delicious and Red Delicious positive control plants. This transmission is based on PCR testing to demonstrate the presence of these viruses in all positive control plants, and their absence from negative controls;
- Demonstrating successful transmission of Apple green crinkle disease to at least one positive control of Golden Delicious (based on symptoms being evident on fruit of one of the two Golden Delicious positive control plants established in 2015), with the presence of Apple green crinkle associated virus in this plant being confirmed by PCR;
- Demonstrating that environmental conditions were conducive to expression of symptoms of Apple green crinkle disease on fruit of Golden Delicious (based on grafting of large shoots to positive control plants in 2018, and expression of symptoms on one plant inoculated in 2015).

These measures have been applied on arrival in New Zealand, within a post entry quarantine transitional facility operated by Plant & Food Research Ltd at Palmerston North. This facility has now closed, and plants to be considered for biosecurity clearance are being held at the Level 3B post entry quarantine greenhouse in Auckland operated by the MPI Plant Health & Environment Laboratory. All other relevant sections of the IHS 155.02.06: Importation of nursery stock for *Malus* plants for planting must be complied with.

This direction takes effect from the date of signing, and applies only to the specific plants identified above, from consignment C2015/249551.