

APPENDIX 2 - VAPOUR HEAT TREATMENT

1. Scope

A vapour heat treatment (VHT) has been shown to be an effective fruit fly disinfestation treatment in accordance with *MAF Regulatory Authority Standard 155.02.03: Specification for the Determination of Fruit Fly Disinfestation Treatment Efficacy*.

Research results were recorded in the report entitled “Vapour Heat Treatment for Elimination of *Dacus dorsalis* and *Dacus cucurbitae* Infested in Mango Fruits” by L.S. Kuo, C.Y. Su, C.Y. Hseu, Y.F Chao, H.Y. Chen, J.Y Liao, C.F Chu and W.C. Huang of the Bureau of Commodity Inspection and Quarantine, Ministry of Economic Affairs, October 1987.

2. Treatment specification

Prior to export, commodities approved for export to New Zealand (refer to section 5 below) will be raised from ambient temperature by saturated water vapour at 47.5°C until the internal pulp temperature near the seed reaches 46.5°C. This temperature is to be maintained for 30 minutes.

3. Treatment monitoring

The treatment of fruit to be exported to New Zealand will be monitored by an Inspector or official delegate of the Taiwan Bureau of Animal and Plant Health Inspection and Quarantine (BAPHIQ), COA. This monitoring will include inspection of treatment records and unannounced inspections of the facility, and may include inspection of product prior to or after treatment.

All cartons will be identifiable and traceable to an individual treatment facility and a treatment batch.

4. Product security

Following treatment, security of the treated fruit to be exported to New Zealand will be maintained to ensure the product is not subject to infestation, contamination, substitution or loss of integrity.

5 Commodities covered by this Appendix

This appendix applies to: Mango (*Mangifera indica*)