

MAF
Cherries to Korea Export Compliance Programme
for the
Provision of Additional Declarations
for *Cydia pomonella* and *Stigmina carpophila*
2011/12

Requirements for growers, packhouse operators, exporters, MAF Approved Organisations and IVAs.

Version 2



Distribution List

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9. Approved Packhouses
10. Approved Freight Forwarders

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Version Control

This section captures changes in subsequent version(s) of the document for maintaining record(s) and easy reference.

Document versions are numbered. Version control is achieved by reference version number at the beginning of the document and in the footer of the document. Version number starts by default as V1 in every year.

All programme participants must use and refer to the latest version of the document.

The changes are listed in the table below:

No.	Version date	Section Changed	Change(s) Description
1	21 September 2010	Appendix 1	The first issued version. Changes from the previous season are: <ul style="list-style-type: none"> • contacts
1	11 October 2011	5.3, 10.2, 10.3, Appendix 1	Updates for the 2011-12 season: <ul style="list-style-type: none"> • Change to requirement for spray diary collection by IVAs • Clarification of taping requirements • Contacts • All references to MAFBNZ have been amended to MAF

1.0 DEFINITION OF TERMS

MAF Approved Organisation	An Organisation that has been formally recognised by MAF as competent to receive delegated authority to act on its behalf to provide specific phytosanitary activities in accordance with the requirements specified in the relevant MAF New Zealand standard(s).
AsureQuality	An Independent Verification Agency with MAF approval to carry out specific phytosanitary services associated with export certification.
AsureQuality Pest Laboratory	A MAF accredited pest identifier.
MAF New Zealand (MAF)	The body within the Ministry of Agriculture and Forestry that is responsible for biosecurity functions, providing official assurances to control authorities in importing countries through export certification.
End Point Consignment Inspection	An officially recognised phytosanitary inspection process for plant products at a final point of storage prior to loading for export.
Independent Verification Agency (IVA)	An organisation accredited as meeting ISO/IEC 17020:2000 and its independence criteria type A, and MAF New Zealand supplementary technical requirements, and authorised by MAF New Zealand to carry out services associated with export certification.
Pest	Any species, strain or biotype of \plant, animal or pathogenic agent, injurious to plants or plant products (IPPC).
Summerfruit NZ (SNZ)	The elected national body representing summerfruit growers and exporters.

2.0 SCOPE

This compliance programme defines the process by which cherries are produced and certified for export to Korea.

3.0 INTRODUCTION

Summerfruit intended for export to Korea must meet the certification requirements negotiated by MAF.

This compliance programme has been documented to ensure there is clarity between participants on what activities they need to implement to meet these requirements.

4.0 REFERENCES

MAF New Zealand Export Certification Standards:

<http://www.biosecurity.govt.nz/regs/exports/plants/stds>

- System Overview and Requirements
- Organisation Requirements
- Technical Requirements – Phytosanitary Inspection
- Independent Verification Agency Requirements
- Plants Marks Requirements
- ICPR – Republic of Korea

8.0 EXPORT CERTIFICATION OPTIONS

8.1 MAF Approved Organisations

Packhouse operators that are MAF **approved** organisations (under MAF Export Certification Standard – Organisation Requirements) may undertake inspection, sealing, and other activities as specified in this workplan. Approved organisations must update their MAF approved systems to include the requirements of this programme.

Also refer Sections 7.1.2 and 8.2.1.

8.2 End Point Consignment Inspection

8.2.1 End point consignment inspection may be carried out at the point of departure by MAF approved phytosanitary inspectors (also authorised to obtain and apply NZMAF Sealing Tape) provided that, prior to inspection, the supplying packhouse has been audited byASUREQuality Limited and found to comply with the following:

- Registration (section 7.1)
- Packhouse hygiene requirements (section 9.2),
- Product identification requirements (section 10.2)

8.2.2 Product will be sealed with MAF Sealing Tape providing the:

- Inspection of product is carried out in accordance with Work Instruction 1.
- No actionable pests in Appendix 5 are found during inspection.
- No leaf or other extraneous material is found attached to fruit, within or upon packaging or pallets.
- Requirements of 8.2.1 have been verified.

9.0 PEST CONTROL REQUIREMENTS

9.1 Growers

All growers must keep a spray record and present a copy to the packhouse with the first submission of cherries for export.

9.2 Packhouse Hygiene

(Note: this is audited by ASUREQuality Auditors as per section 5.3)

Packhouses must be sprayed with Pyrethrum or a synthetic pyrethroid prior to commencing the cherry packing season.

A record of this treatment must be kept by the packhouse.

During the packing season packhouses must be cleaned daily to remove build up of spoilt cherries, leaf and extraneous material.

10.0 PRODUCT IDENTIFICATION

10.1 Growers

All field bins of fruit must be marked/ labelled with the correct SNZ PIN.

10.2 Packhouse operators

Unique identifiers (SNZ PINs) for grower production sites must be listed in a register of supplying growers.

Packhouses must maintain a copy of growers' spray records and make them available for collection by AsureQuality Limited if requested by MAF (either electronically or manually).

At packing, following phytosanitary inspection, each box/tray must be identified in such a way as to provide traceability of the product back to the grower and generate a link to the phytosanitary certificate.

For packhouses that are **not MAF approved organisations** this must include:-

- Pallet card number **AND** SNZ PIN

For packhouses that are **MAF approved organisations** options may include:-

- Pallet card number **AND** SNZ PIN
- **OR**
- Unique numbers/codes (e.g. run numbers) as documented within the MAF approved Organisation System **AND** SNZ PIN.

All numbering or coding must be legible (handwriting is not acceptable).

No changes to pallet/lot numbers on packaging are permitted.

10.3 Sealing with MAF tape

10.3.1 Airfreight - all packed cartons inspected and passed for Korea will be taped with MAF sealing tape. **Note:** Packhouses must obtain MAF authority to hold stocks of MAF Sealing Tape (Appendix 3&4).

- Tape is to be applied in accordance with the following rules:
 - Tape must be applied in a way that tampering would be evident by the tape becoming broken.
 - A complete set of wording and MAF logo must be maintained in its entirety.
 - Sufficient tape must extend over the flaps to ensure separation does not occur en route.
- Contact your IVA in the first instance, if you are unsure how to practically implement this prior to submitting first shipment of cherries for the season.

10.3.2 Sea freight - product is loaded into containers at the packhouse and sealed by a MAF approved inspector.

10.3.3 Use of MAF sealing tape must be in accordance with requirements specified in Appendix 3. Packhouse operators must record receipt of tape, use of tape, and end of season tape stocks in the tape register (Appendix 4).

11.0 INSPECTION

11.1 Sampling/Inspection Procedures

MAF approved phytosanitary inspectors must select for inspection a minimum of 2% of all cartons from each grower.

Work instruction - refer *Appendix 2*.

11.2 Inspection Facilities

The following must be provided:

- suitable area in which to work and this area is to be kept clean and free of other material or equipment
- inspection table (clean white surface, at least 1m², preferably laminated)
- lighting over the inspection table (minimum 1000 lux)
- clear of main traffic areas
- in a no smoking area
- assistance with obtaining samples

11.3 Classification of Pests and Disease

Pests or suspect disease found during inspection shall be identified and classified according to *Appendix 5 Actionable Pest List*.

Any pest or suspect disease found that cannot be readily identified shall be initially assigned to the actionable category until it can be categorised.

11.4 Pest and Disease Identification

Pest and disease identification services are provided by the MAF accreditedASUREQuality Pestlab based at Auckland (Lynnfield).

12.0 PRODUCT SECURITY

12.1 General

Product must be stored without risk of contamination.

- Product security must be maintained during all loading, transporting and unloading operations in accordance with MAF Export Certification Standard – Organisation Requirements.

12.2 Packhouse and Cool storage

Lots must be protected from pest contamination post packing while held in storage.

Product in storage:

- stored at temperatures between 0°- 5°Celsius
- export and non export product segregated by either a 100mm space or physical barrier product e.g. plastic wrapping
- export product stored outside cool storage segregated by a 1 metre spacing between export and non export product.

12.3 Transport

Ensure export lots are protected from pest contamination during transport by use of fully enclosed units (refrigerated vehicles or curtain siders).

12.4 Transit Requirements

Airfreight All cartons must be taped with NZMAF sealing tape.

Sea freight Product is to be loaded into containers at the packhouse and sealed by a MAF approved organisation's registered inspector.

Pest proofing

- Air consignments that are carried on direct flights from NZ to Korea and are not transhipped en-route to Korea do not require insect proofing.
- Air consignments transiting third countries which are unloaded from aircraft or transhipped to other flights in third countries en-route to Korea must be insect proofed. This may be achieved in several ways:
 - cartons are sealed and have no hand-holds or ventilation holes;
 - hand-holds and ventilation holes are covered with tape or 1.6mm or less (diagonal) insect mesh ;
 - the cherries are contained in un-perforated polyliners (any perforations must be less than 1.6mm diameter) that are folded over or sealed within the carton;
 - the cherries are contained within other packages within the carton (e.g., plastic clamshells) and these packages have no holes larger than 1.6mm diameter);
 - the entire consignment is pest proofed, for example by enclosing the load with insect shrouds or shrink wrap and foil.

13.0 CONTROL OF NON-CONFORMING PRODUCT

13.1 Non-conforming Product

Product, which is found to be infested with quarantine pests including codling moth and shot hole disease, is to be rejected for export to Korea. Any packages from such lots must be segregated and the MAF tape removed. Corrective actions including final destination of the product is to be recorded.

13.2 Breach of Product Security

Any breach of product security shall result in the consignment losing eligibility for export to Korea. Failure to implement corrective actions to prevent further breaches of product security shall result in suspension of the offending operation from the programme and loss of MAF approval.

13.3 Corrective Action Audits

Any product found to be in non-compliance is subject to traceback and corrective action audits byASUREQuality.

14.0 REPORTING

Any events of a significant nature affecting the integrity of the programme are to be reported to MAF by AsureQuality as per an event report.

15.0 CERTIFICATION

MAF phytosanitary certificates must accompany each consignment to Korea.

MAF phytosanitary certificates must contain the Additional Declarations:

"The consignment has been inspected and found free of codling moth (*Cydia pomonella*) and shot hole disease (*Stigmia carpophila*)"

and

"The produce within this consignment was inspected on (*insert earliest inspection date*)"

16.0 RECORDS

Copies of all phytosanitary inspection records are to be held for a minimum of twelve months.

Appendix 1 List of Contacts

Summerfruit NZ (registration)

Marie Dawkins
Manager
Summerfruit NZ
PO Box 2175
WELLINGTON
Ph: 04 494 9975
Fax: 04 494 99789
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Market Access Solutionz Ltd

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Market Access Solutionz Ltd
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Fax: 04 473 6041
Mob: 021 773502
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AgriQuality Limited

Mark Hawker
AsureQuality Ltd
Private Bag 4718
Christchurch
Ph: 03 358 1744
Fax: 03 358 6222
Mob: 021 582 735
Email: Mark.Hawker@AsureQuality.com

MAF New Zealand

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MAF New Zealand, Exports
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Fax: 04 894 0622
Mob: 029 894 0518
Email: Vicky.Kitekei'aho@maf.govt.nz

Appendix 2 Work Instruction 1

Phytosanitary Inspection of Cherries for Korea

Responsibility : MAF Approved Organisation's Registered Inspectors

Sampling

- Sample a **minimum** of 1 carton per 50 packed cartons (or part thereof).
Sampling must be random, taken without bias and must be representative of the whole line.

Inspection of Packaging

- Packaging and pallets must be new
- Inspect packaging and pallets and ensure that it is clean, and free from leaf material and actionable pests.

Inspection of Fruit

Inspection must be undertaken in a clean inspection area under a minimum 1000 lux lighting.

- Remove each fruit from sample cartons and carefully examine for presence of pest, disease, leaf and extraneous material.
- Examine stem and ends carefully for pests and disease in these areas.
For suspected presence of Shot hole look for small, purplish spots, which may become raised and rough with age.
- Cut open the fruit to determine infestation where any of the following are evident: frass, webbing, puncture marks, chewing or sooty mould.
- Confirm identification or presence of suspect pests by using a 10x hand lens.
- When pests are found on fruit, categorise using the Korean Pest list.
- If doubt exists over the identification, samples must be sent to the AsureQuality Pest & Disease Laboratory Lynfield.
- Treat any pest not identified as an actionable pest.
- If actionable pest(s) are found reject grower line from export to Korea.
- Record all findings on the inspection Sheet.

Appendix 3 MAF Sealing Tape: Requirements for Packhouses

The use of MAF sealing tape (with the words “Cleared for Export” with the MAF logo and Government Coat of arms) in designated export programmes is governed by the Flags, Emblems and Names Protection Act 1981 and its production is administered by MAF Standard Plants Marks Requirements. The following process allows for the application of MAF Sealing tape by MAF authorised personnel as a means of protecting misuse by unauthorised persons. Only MAF approved organisations are eligible to apply MAF Sealing Tape.

The MAF Sealing Tape must only be used for the designated purpose of sealing packages in specific export programmes as authorised by MAF. Should MAF sealing tape be found to have been used for any purpose other than those authorised by MAF, the organisation and associated personnel shall immediately forfeit their MAF approved status, rendering their packhouses ineligible for participation in the programme and future access to MAF sealing tape.

Appropriate security measures are to be put in place by the MAF approved and SNZ registered packhouse following the requirements as listed below:

Name/designation of person(s) responsible for the security of MAF Tape Stocks:	
Name/designation of person(s) responsible for maintaining an inventory (i.e. volume of MAF Tape in vs. used vs. cartons packed):	
Name/designation of person(s) having access to the MAF Tape Stocks:	
Location of the MAF Tape Stocks:	
State how the MAF Tape is physically secured when it is not in official use:	

I confirm that the above details are correct and that the inventory control register and any other relevant documentation will be made available for MAF audits on request.

Signature: _____ Designation: _____ Date: _____

Tape orders will not be delivered until this form is received by Mark Hawker,ASUREQuality Limited.

IVA USE: IVA verification of the packhouse security provisions for MAF sealing tape.

Date verified:...../...../.....

Name:.....

Signature:.....

Appendix 5 Actionable Pest List

Insects	Codling Moth	<i>Cydia pomonella</i>
	Black Peach Aphid	<i>Brachycaudus persicae</i>
	Cherry Slug	<i>Caliroa cerasi</i>
	Grass Grub	<i>Costelytra zealandica</i>
	Brownheaded Leafroller	<i>Ctenopseustis obliquana</i>
	Lightbrown Apple Moth	<i>Epiphyas postvittana</i>
	Bronze Beetle	<i>Eucolaspis brunnea</i>
	Native Mirids	<i>Lygus sp.</i>
	Lemon Tree Borer	<i>Oemona hirta</i>
	Greenheaded Leafroller	<i>Planotortrix excessana</i> & <i>P. octo</i>
	Hydrangea Scale	<i>Pulvinaria hydrangeae</i>
	Black Scale	<i>Saissetia oleae</i>
Mite	Peach Silver Mite	<i>Aculus cornutus</i>
	Plum Rust Mite	<i>Aculus fockeui</i>
Fungi	Shothole	<i>Stigmina carpophila</i>
	Mould	<i>Cladosporium cladosporioides</i>
	Fusicoccum Canker	<i>Fusicoccum amygdali</i>
	Cherry Scab	<i>Venturia cerasi</i>

Note 1: The acceptance level for the above pests, including all leaf and extraneous material is zero. This also applies to leaf material attached to fruits, within packages or adhering to pallets.

Note 2: For a complete summary list of pests which are found in or likely to be found in New Zealand also refer to **Section 2.4 of the ICPR for Korea**

<http://www.biosecurity.govt.nz/files/regs/stds/icprs/korea-republic-of.pdf>