

**MAF Phytosanitary Compliance
Programme
for the
Export of Apples to China**

2011-2012
V 1

Version Control

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

Document versions are not numbered. Version control is achieved by reference date in the footer of the document.

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.	16 December 2011	The first edition	n/a

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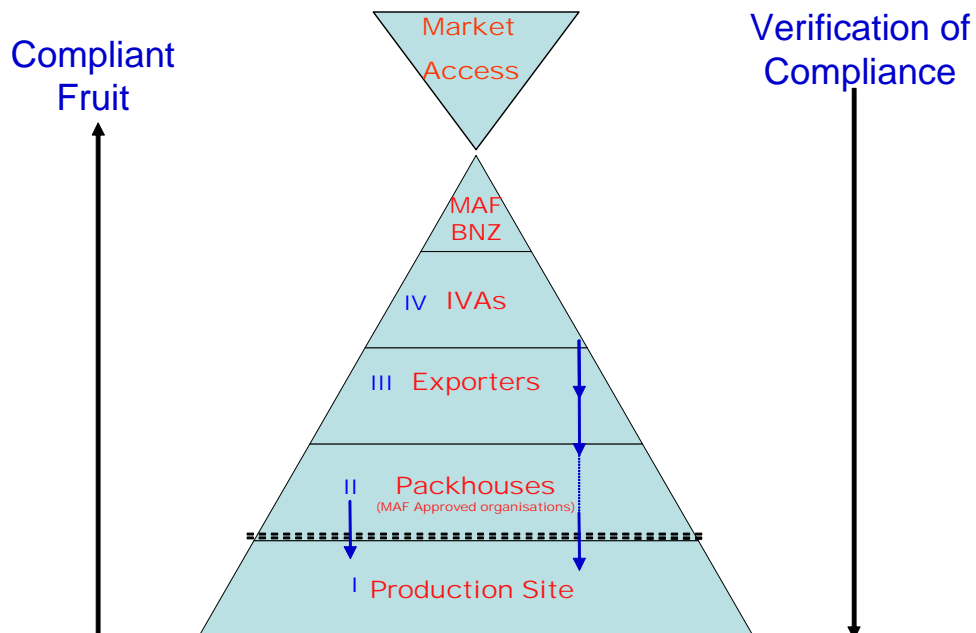
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PART 1 INTRODUCTION

This compliance programme forms the basis of an integrated system's approach to meet China's phytosanitary requirements. Specifically, the programme outlines the requirements to be met by growers, packers, cool stores and exporters of apples for export to China and IVAs.

The export of apples from New Zealand to China is subject to meeting the import phytosanitary requirements for the crop specified by China. This compliance programme vertically integrates the production, packing, storage and export phases within the product pathway for export to China (Figure 1).

Figure 1: Model for the phytosanitary compliance programme for the export of apples to China from 2010/11 onwards



Each phase within this programme can only be successfully completed if the previous phase below has been successfully completed. This method of operating the compliance programme places emphasis on the codling moth pest management where it can be best controlled – the production site. The New Zealand Pipfruit Industry's Integrated Fruit Production Programme (IFP) forms the technical basis for codling moth pest management.

This programme recognises the packing organisations' role in assessing how best to manage their risks associated with obtaining apples from their supplying registered production sites. Accordingly, packing organisations now have the option of taking responsibility to monitor and verify their grower production sites' compliance with the codling moth trapping and pest management requirements. This recognises New Zealand's packing organisations' activities becoming more integrally linked with an increased number of production and marketing aspects. To best facilitate this compliance programme and

minimise the risk of failure, packing organisations need to be MAF approved Organisations to undertake an increased level of export phytosanitary activities.

Coolstore organisation performance is vital in ensuring compliance to product security requirements. The exporter's role is crucial in ensuring accuracy of the export documentation.

The following table summarizes type and frequency of verification checks conducted by various programme participants.

Table1: Summary of Verification Checks utilized in the compliance programme

Programme participants	Verification Checks	
	Type	Frequency
Registered Growers	Trap surveys	Weekly
MAF Approved organisations or IVAs	Compliance monitoring of registered growers	At least twice during the season. A proportion (10%) of sites operating in March will have the third audit.
IVAs	Audit of MAF Approved Organisations in the production phase	At least twice during the production phase. A proportion (10%) of organisations monitoring production sites in March will have the third audit.
	Audit of MAF Approved Organisations in the packing/storing/exporting phase	Refer MAF Export Certification Standard: Organisation Requirements
	System Audit	Refer MAF Export Certification Standard: Organisation Requirements
MAF	A verification audit of IVAs services to the programme	In discretion of MAF Director Border Standards

The MAF Approved organisations' overall performance in operating their documented and MAF approved systems is audited by IVAs.

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Registers of compliant participating parties within this programme are identified upon the MAF website:

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

PART 2 GROWER REQUIREMENTS

Requirement Number	Requirement Growers must:	Notes:
1.	Grow and submit fruit for packing to meet the requirements of: "MAF Phytosanitary Compliance Programme for verification of the on orchard pest management measures for codling moth (<i>Cydia pomonella</i>)"	<ul style="list-style-type: none"> Refer: "MAF Phytosanitary Compliance Programme for verification of the on orchard pest management measures for codling moth (<i>Cydia pomonella</i>)"
2.	Manage pests of concern to China (Appendix 3) as required	
3.	Manage the production site(s) registered for export to China following principles of Good Agricultural Practice	<ul style="list-style-type: none"> A GLOBAL-GAP or NZ-GAP registration number will evidence this.
4.	Fruit must be clearly identifiable as having been produced on a production site block registered as per 2.1. above	<ul style="list-style-type: none"> A list of registered production sites will be held on the MAF website The pack house must check validity of production site at this time as per their AO procedures

PART 3 PACKHOUSE REQUIREMENTS

3.1 Registration Requirements

Requirement Number	Requirement	Notes:
	All packhouse and coolstore organisations participating in the Apples to China Programme must:	
1.	Be a MAF Approved Organisation	<ul style="list-style-type: none"> Refer MAF Export Certification Standard: Organisation Requirements
2.	Apply to register their facilities for packing to China with their contracted IVA by 10 October annually	<ul style="list-style-type: none"> In 2011/12 season registration applications will be accepted until 15 January 2012. Registration form is in Appendix 4 of this module Send your registration form directly to your IVA. The IVA will contact you and arrange an audit schedule of your MAF approved system. The IVA will contact you and arrange an audit schedule of your MAF

		<p>approved system.</p> <ul style="list-style-type: none"> • Where the packhouse and the coolstore are on the same site and owned and operated as one business entity, only one registration application will be required. • A packhouse organisation with more than one packing facility housed separately has an option of registering into the programme each individual packing facility separately.
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3.2 Packhouse facility requirements

Requirement Number	Requirement	Notes:
	All packhouse organisations and all their respective registered pack houses and cool stores participating in the Apples to China Programme must:	
1.	Possess a unique MAF identification code	<ul style="list-style-type: none"> • The code will be confirmed by MAF (via the IVA) after the packhouse organisation has applied for and meets registration requirements (verified by an IVA).
2.	Ensure appropriate packhouse staff have an understanding of the China Programme as it relates to apples: demonstrable fruit maturity, freedom from codling moth, familiarity with other China quarantine organism maximum pest levels (MPLs), packing and labelling requirements.	<ul style="list-style-type: none"> • A PNZI coordinated workshop for pack house staff will be held in January annually to advise of any updates to the compliance programme.
3.	Ensure appropriate control measures have been taken to eliminate live plant pests within the packhouse prior to the beginning of the China programme.	<ul style="list-style-type: none"> • Where an insecticide (with an approved MRL for China) is used to control pests in the pack house, it must be applied when the packhouse is free of apples
4.	Provide grading equipment suitable for sorting and grading to meet the China phytosanitary packing & labelling requirements.	<ul style="list-style-type: none"> • Refer section 3.4 below
5.	Provide appropriate phytosanitary inspection facilities and equipment.	<ul style="list-style-type: none"> • Refer MAF Exports Standard Technical Requirements: Phytosanitary Inspection • It is highly recommended to reduce surface infestation of actionable pests other than CM that the packhouse operate a high pressure apple washer as

		per industry specifications (see www.pipfruitnz.co.nz > library > post harvest > general)
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3.3 Packing requirements

Requirement Number	Requirement	Notes:
1.	<p>All packhouse organisations participating in the Apples to China Programme must:</p> <p>Ensure the bins of harvested apples submitted for packing to China are:</p> <ol style="list-style-type: none"> identified with at least the appropriate RPIN and unique registered production site code and production sites are listed and eligible for export to China. 	<ul style="list-style-type: none"> For example, bin cards may be used to ensure that submitted apples are correctly identified. The list of registered and eligible production sites is available at: http://www.biosecurity.govt.nz/regs/exports/plants/compliance It is recommended that pack houses download the list from the MAF website <u>daily</u> and <u>before</u> China packing starts for the day.
2.	<p>Ensure apples are sorted at least twice before packing to remove any trash and foreign matter and grade out deformed or any other damaged apples potentially not meeting China's phytosanitary requirements due to codling moth or any other pest of concern to China.</p>	<ul style="list-style-type: none"> Acceptable sorting operations include; <ol style="list-style-type: none"> inspection during the harvest operation, and as harvested apples are graded on the packhouse sorting table. Downgraded apples are to be placed in receptacles and discarded or destroyed every day. Where packhouses choose to undertake additional monitoring and/or checks for the presence of CM, these actions need to be documented in your MAF approved organisation system for these actions to be verified if they are to be formally recognised.

<p>3.</p>	<p>Ensure only mature apples are packed for China by testing on-arrival at the postharvest facility of at least 20 randomly selected apples from the first grower fruit submission of every new variety and production site combination intended for export to China using the starch pattern index method for determining fruit maturity.</p>	<ul style="list-style-type: none"> • Refer to method for determining maturity under this compliance programme in Appendix 6. • Fruit sample for maturity testing may be taken by the Approved organisation maturity testing competent personnel from the harvest bins before the fruit physically reaches the postharvest facility. • Once a variety from a production site has been confirmed as mature no further tests are required under this programme. Apples from a production site and variety combination submission(s) prior to the date of the maturity confirmation are not eligible for export to China. • If an immature apple is detected, that grower fruit submission shall be excluded from packing for China. Refer Appendix 6. That variety and production site combination may be eligible from further submissions after maturity parameters have been met
<p>4.</p>	<p>Ensure that, for all apples destined for export to China from registered production sites, a minimum of 600 randomly selected apples per homogenous lot are visually inspected for presence of quarantine pests for China, any rots that may be caused by a quarantine pest;</p>	<ul style="list-style-type: none"> • Only <u>live</u> life stages of ALCM are actionable. Non-occupied ALCM cocoons are to be recorded on inspection sheets but do not affect the phytosanitary status of the growers' homogenous line. • For phytosanitary inspection including the general acceptance level for quarantine pests refer: "MAF Export Certification Standard: Technical Requirements: Phytosanitary Inspection". • Acceptance level for CM regardless of size of the sample is nil. • A lot of Apples rejected for codling moth or due to rots caused by a quarantine pest may not be reconditioned and resubmitted for export to China.

		<ul style="list-style-type: none"> As a means of sampling apples for confirming compliance to China's requirements packers may adopt the random auto drop sampling process, or equivalent. An equivalent means may include taking sub-samples not exceeding 20 apples at a time (e.g. a fibre tray of fruit).
5.	Apples must be packed in new, clean packing materials.	<ul style="list-style-type: none"> Packing material is to be stored prior to use in a way that prevents contamination with pests. Timber packaging and pallets must conform to China's Quarantine requirements. Refer MAF Forestry ICPRs at: http://www.biosecurity.govt.nz/exports/forests/standards/china.htm

3.5 Product traceability and post inspection security

Requirement Number	Requirement	Notes:
	All packhouse and cool store organisations participating in the Apples to China Programme must:	
1.	Maintain an inventory system that identifies: <ul style="list-style-type: none"> Production sites from which apples are being sourced from MAF registered coolstore(s) where their packed apples for China will be stored at all times after the inspections and prior to export MAF registered exporters they are supplying packed apples to 	
2.	Document their post inspection security measures to ensure packed apples are transported in such a fashion to prevent pest contamination during transport from packhouse to coolstores, airports, wharf side or into sea containers (e.g. enclosed within curtain sided trucks or closed sea containers, etc.)	<ul style="list-style-type: none"> Refer Section 3.8.3.2 of the MAF Standard Organisation Requirements.
3.	Ensure each package (carton) is clearly marked in English with the: <ul style="list-style-type: none"> Name of the product Country of origin The appropriate unique RPIN & production site code The unique MAF registered packhouse 	<ul style="list-style-type: none"> It is highly recommended that the packer ID on the carton end label is made very obvious. Character "T" in the RPIN number indicates that the fruit originates from a production site and has

	<p>code</p> <ul style="list-style-type: none"> Address of packer <p>Each carton or pallet of apple cartons must have the following Chinese (Mandarin) characters words clearly displayed</p> <p>本产品输往中华人民共和国</p>	<p>been grown according to the “MAF Phytosanitary Compliance Programme for verification of the on orchard pest management measures for codling moth (<i>Cydia pomonella</i>)”.</p> <ul style="list-style-type: none"> Information provided in English may also be provided in Chinese (Mandarin).
4.	Ensure the pallet card details enable traceability of packed apples back to compliant production sites.	
5.	<p>Ensure apples that have passed inspection and are eligible for export to China are segregated at all times from apples not eligible for China by:</p> <p>(i) a minimum of 100mm in coolstore</p> <p>(ii) a minimum of 100mm when under ambient temperature for a short duration of time (e.g. in marshalling or transit areas, etc.; generally less than 1 hour)</p> <p>(iii) a minimum of 800mm when under ambient temperatures for a long duration of time (generally longer than 1 hour)</p>	<ul style="list-style-type: none"> The segregation applies to inspected fruit on the pack house floor and this includes distances between pallets being dispatched to the coolstore or loaded into container and in any other situation. The 100mm distance between cartons and pallets of apples eligible for China is a measure applied all around the boxes and pallets the packaged fruit is in/on at all times while in the coolstore. Alternatively, insert a pest proof barrier between pallets eligible for China and those that are not eligible. Please consult your IVA if you are unsure which segregation distances to apply in circumstances specific to your organisation

PART 4 COOLSTORE REQUIREMENTS

Requirement Number	Requirement	Notes:
	All coolstores handling inspected and packed apples for China must <u>register in this programme</u> and as such must:	
1.	Be a MAF Approved Organisation	<ul style="list-style-type: none"> Refer MAF Export Certification Standard: Organisation Requirements
2.	Register their facilities with their preferred	<ul style="list-style-type: none"> Registration form is in

	IVA.	<p>Appendix 3 of this programme.</p> <ul style="list-style-type: none"> • Send your registration form directly to your IVA. The IVA will contact you and arrange an audit schedule of your MAF approved system. • Where the packhouse and the coolstore are on the same site and owned and operated as one business entity, only one registration application will be required. • Registration should preferably be done at the time of registration of the packhouse and not later than 15 January 2012. • Late registrations of MAF Approved coolstores into the programme are allowed subject to an IVA's assessment of coolstore meeting all of the relevant requirements of this programme.
3.	Ensure appropriate coolstore personnel have an understanding of the China Programme as it relates to packed product labelling, segregation and security from pest contamination requirements.	
4.	Document and maintain an inventory system that identifies the inward and outward volumes and appropriate date of packed apples for China from: <ul style="list-style-type: none"> (i) Packhouses registered in this programme from which packed apples are being sourced from; and (ii) Exporters registered in this programme they are supplying packed apples to. 	
5.	Ensure apples that have passed inspection and are eligible for export to China are segregated at all times from apples not eligible for China by: <ul style="list-style-type: none"> (i) a minimum of 100mm in coolstore (ii) a minimum of 100mm when under ambient temperature for a short duration of time (e.g. in marshalling or transit areas, etc.; generally less than 1 hour) (iii) a minimum of 800mm when under ambient temperatures for a long duration of time (generally longer than 1 	<ul style="list-style-type: none"> • The segregation applies to inspected fruit on the pack house floor and this includes distances between pallets being dispatched to the coolstore or loaded into container and in any other situation. • The 100mm distance between cartons and pallets of apples eligible for China is a measure applied all around the boxes and pallets the

	hour)	<p>packaged fruit is in/on at all times while in the coolstore.</p> <ul style="list-style-type: none"> • Alternatively, insert a pest proof barrier between pallets eligible for China and those that are not eligible. • Please consult your IVA if you are unsure which segregation distances to apply in circumstances specific to your organisation
6.	Ensure apples packed for China are transported as per their documented post inspection product security (PIPS) measures (i.e. in such a fashion to prevent pest contamination during transport from coolstore to airports, wharf side or into sea containers (e.g. enclosed within curtain sided trucks or closed sea containers, etc.)	<ul style="list-style-type: none"> • Refer Section 3.8.3.2 of the MAF Standard Organisation Requirements: Hazards and Risks. • Refer Sections 3.4.4 and 3.4.5 of this programme. The name or code of the packhouse must either be on each carton of fruit, or on a pallet card affixed to the pallet of fruit.

PART 5 EXPORTER REQUIREMENTS

5.1 Exporter registration

Requirement Number	Requirement	Notes:
1.	<p>All exporters participating in the Apples to China Programme must:</p> <p>Register their intention to participate in export China apples programme in 2011/12 by 20 January 2012.</p>	<ul style="list-style-type: none"> • Exporter registration is coordinated and managed by PNZI on behalf of MAF. • Registration form is in Appendix 4 of this programme. • Records of registered exporters will be passed from PNZI to MAF for posting on website. • Exporters not listed in this register will not be eligible to export to China. <p>Late registrations are possible. Eligibility for late registration is at the discretion of PNZI due to necessity to manage</p>

		operating costs of running the programme.
2.	Ensure (if the exporter is MAF Approved Organisation) their documented post inspection product security (PIPS) measures are adhered to.	<ul style="list-style-type: none"> Refer MAF Biosecurity New Zealand Export Certification Standard: Organisation Requirements. Those exporters that are not MAF Approved Organisations need to confirm their contractual arrangements to ensure PIPS measures are undertaken by MAF approved Organisation. <p>Refer Sections 3.4.4 and 3.4.5 of this programme. The name or code of the packhouse must either be on each carton of fruit, or on a pallet card affixed to the pallet of fruit.</p>
3.	<p>Ensure that packed apples transiting a third country en route to China are contained in:</p> <p>a) Packages or pallets that appropriately pest proofed and sealed; or</p> <p>b) Containers (sea or air), which form a pest proof environment; and</p> <p>Sealed with a numbered tamper-evident tydon type seal as proof of non-tampering during transit.</p>	<ul style="list-style-type: none"> Refer Sections 4.7 and 4.8 of this programme. Open vents which could compromise the pest proofing of either a container (sea or air) are to be covered with netting with a mesh size no greater than 1.6mm

5.2 Phytosanitary certification and Additional Declaration

Requirement Number	Requirement	Notes:
1.	<p>All exporters participating in the Apples to China Programme must:</p> <p>Ensure all export phytosanitary certificate requests:</p> <ul style="list-style-type: none"> Contain accurate data; and Apples were sourced from MAF registered as compliant grower(s); and Apples were packed in a MAF approved and registered packhouse organisation; and Apples were stored in a MAF approved and registered coolstore organisation. 	<ul style="list-style-type: none"> Accuracy of data on phytosanitary certificate is vital for the effective and efficient processing of consignments on arrival in China MAF Exports cannot guarantee timely response to an Exporter's request for replacement certificate due to inaccuracies in the original certificate. MAF input into facilitating

		the communication on replacement certificates will be on a cost recovery basis directly from the requester at a minimum of \$143.75 (inclusive of GST) per certificate.
2.	Ensure that the container number and seal number are indicated on the phytosanitary certificate.	<ul style="list-style-type: none"> Refer to ICPR for China.
3.	<p>Ensure that the following Additional Declaration is indicated on the phytosanitary certificate:</p> <p>“This consignment is in compliance with requirements described in the Protocol of Inspection and Quarantine Requirements for the Export of Apple from New Zealand to China and is considered to be free from the quarantine pests of concern to China”.</p>	

PART 6 IVA Requirements

Requirement Number	Requirement	Notes:
	IVAs must:	
1.	Have procedures to manage and maintain the registration of MAF Approved Organisations (i.e. packhouses, coolstores and exporters) operating within this programme.	<ul style="list-style-type: none"> Refer MAF Biosecurity New Zealand Export Certification Standard: Organisation Requirements. Refer MAF Biosecurity New Zealand Export Certification Standard: IVA Requirements A unique 'registration identifier code' is to be assigned to each compliant packhouse and the coolstore (e.g. the last 3 or 4 digits of the MAF Contract of Approval number, those following the "calendar year" part of the number, are unique to a MAF approved organisation or alpha numeric code used in previous years). If an alpha-numeric code is re-assigned or a new code

		is assigned that an IVA is to check with the other IVA(s) that assigned code is unique. The copy of the relevant correspondence is to be retained for auditing purposes.
2.	<p>Ensure that audit scope on verifying MAF Approved Organisations registered for this programme focus on compliance to the relevant requirements of the:</p> <p>(a) MAF Export Certification Standard: Organisation requirements and any other applicable standard; and</p> <p>(b) Requirements of this programme</p>	<ul style="list-style-type: none"> Only those organisations that have updated their MAF Approved Organisation documented systems to meet the requirements of this programme will be considered registered into this programme and at that point posted on MAF website. Refer section 6.10
3.	<p>Audit MAF approved organisations registered for this programme at least twice during the season:</p>	<ul style="list-style-type: none"> Refer MAF Export Certification Standard: Organisation Requirements. Specifically related to this programme: every MAF approved Organisation will be audited: <ul style="list-style-type: none"> (a) During the annual system audit; and (b) <u>At least</u> once during the surveillance audits having specific focus on the requirements of this programme.
4.	<p>Retain on file a copy of the appropriate documentation completed and signed:</p> <p>(a) “Application for Registration: Packhouses”</p> <p>(b) “Application for Registration: Coolstores”</p> <p>(c) “Application for Registration: Exporters”</p>	<ul style="list-style-type: none"> Refer Appendices 5 and 6 for Packhouses, Coolstores and Exporters. All records associated with monitoring registered MAF Approved Organisations’ compliance are to be kept for at least 2 years. Refer MAF Export Certification Standard: IVA Requirements.
5.	<p>(a) Provide MAF with an event report documenting:</p> <ul style="list-style-type: none"> Identifier of the non-compliant MAF Approved Organisation Description of the non-compliance Corrective Action(s) taken and verified Recommendations to MAF <p>(b) Following MAF’s decision immediately remove from the programme register those MAF Approved Organisations found to be non-compliant with the requirements</p>	<ul style="list-style-type: none"> Refer MAF Export Certification Standard: Organisation Requirements MAF will be making decisions on registration status on a case by case basis and will be guided by requirements of this programme and factual analysis provided in the Independent Verification Agency’s event report.

		<ul style="list-style-type: none"> Where a detected non-compliance affects the phytosanitary status of product en route to CM sensitive markets, MAF will advise NPPO of such situation and if necessary revoke phytosanitary certificate for the affected consignment.
6.	<p>Maintain an up-to-date complete and accurate register of compliant :</p> <p>(a) Production sites (b) Packhouses (c) Coolstores (d) Exporters</p>	<ul style="list-style-type: none"> Registers of registered production sites and MAF AO monitoring compliance will be published on MAF website at http://www.biosecurity.govt.nz/regs/exports/plants/compliance All records associated with the programme are to be kept for at least 2 years. Refer MAF Export Certification Standard: IVA Requirements.
7.	Only verify phytosanitary certificates presented for verification from exporters registered in this programme	<ul style="list-style-type: none"> Refer section 6.12 of this programme
8.	Verify compliance to PIPS procedures where the exporter is approved for PIPS.	<ul style="list-style-type: none"> Refer MAF Biosecurity New Zealand Export Certification Standard: Organisation Requirements
9.	Follow the MAF/IVA agreed process for updating the MAF website of registers.	<ul style="list-style-type: none"> The process is TBA.
10.	Maintain an inventory of exporter volumes.	<ul style="list-style-type: none"> This inventory is to identify the volume of fruit exported to China by each registered exporter.
11.	<p>As a component of the certificate verification process, confirm for each export consignment of apples to China, the:</p> <ul style="list-style-type: none"> Consignment is presented for export by a MAF registered exporter; Apples were sourced from MAF registered and compliant grower(s); Apples were packed in a MAF approved and registered packhouse organisation; Apples were stored in a MAF approved and registered coolstore organisation. 	

PART 7 PROGRAMME CONTINGENCY MEASURES – ACTIONABLE PEST INTERCEPTION

Requirement Number	Requirement	Notes:
1.	Detection of actionable pests during a New Zealand phytosanitary inspection of apples from a China registered production site will result in that homogeneous lot of fruit being ineligible for export to China.	<ul style="list-style-type: none"> • Refer 3.3.4
2.	<p>A China detection and notification of live actionable pests in apples from New Zealand:</p> <ul style="list-style-type: none"> • In the event of a live quarantine pest listed in the Appendix 3 being detected on apples being imported into China, the consignment will be treated, returned, or destroyed, • If appropriate, the relevant production site and packhouse will be suspended. • AQSIQ will immediately notify MAF of the interception and provide the appropriate information about the consignment. • MAF will immediately investigate the detection to identify the cause of the non-compliance and implement any corrective measures necessary. • If the situation is serious, following discussion with MAF, AQSIQ may suspend export of apples to China under the terms of this programme. 	<ul style="list-style-type: none"> • The policy on retention or revocation of phytosanitary certificates is subject to MAF review at any time.

APPENDIX 1: REFERENCES

- MAF Export Certification Standard: IVA Requirements
- MAF Export Certification Standard: Organisation Requirements
- MAF Export Certification Standard: Technical Requirements: Pest Survey
- MAF Export Certification Standard: Phytosanitary Inspection
- ICPR for China <http://www.biosecurity.govt.nz/regs/exports/plants/icpr>
- Protocol of the Phytosanitary Requirements for the Export of Apples from New Zealand to China between the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China and the Ministry of Agriculture and Forestry of New Zealand
- NZ Pipfruit IFP/0809/A, NZ Pipfruit IFP/0108/A2/2, NZ Pipfruit, IFP/0809A1.11-14, NZ Pipfruit IFP/0809/A1.19- 34, NZ Pipfruit IFP/0809/A1.49-50

APPENDIX 2: DEFINITIONS & ACRONYMS

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 standard(s).
AQSIQ	Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China.
Block (or Management Area)	A clearly identified planting of trees managed as an entity and may involve one or more varieties but may be discontinuous within a production site (referred to by the industry as a management area and identified as such on their spray diaries and apple packhouse submission records).
CM	Codling moth, scientific name <i>Cydia pomonella</i> (Linnaeus)
CMSM	Codling Moth Sensitive Markets. Markets requiring specific on orchard measures for managing codling moth.
Grower	Producer of apples under the Apples to China programme.
Homogenous lot	Quantity of apples from a single CMSM registered production site, subjected to phytosanitary inspection on any given date. Also refer: Export Certification Standard - System Overview and Requirements
ICPR	Importing Country Phytosanitary Requirements.
IFP	Integrated Fruit Production.
IPPC	International Plant Protection Convention.
NPPO	National Plant Protection Organisation as defined in the IPPC.
IVA	An organisation accredited as meeting ISO/IEC 17020:2000 and its independence criteria type A, and MAF supplementary technical requirements, and authorised by MAF to carry out services associated with export certification.
MAF	Ministry for Agriculture and Forestry (the New Zealand NPPO).
Organic Production	Production based on internationally certified (IFOAM) practices.
PNZI	Pipfruit New Zealand Incorporated – the NZ pomefruit industry body.
Production Site	A grower designated and NZ MAF registered property or part of a property with clearly defined and mapped boundaries on which apples are grown for export to China under this programme. This may be a group of blocks, a single block, or a portion of a block within a property.

Property	A single contiguous area of land, as identified by property valuation numbers(s), on which the apples are grown.
Phytosanitary Inspector	For the purposes of this compliance programme these are the staff members listed in an approved organisation's register of competent phytosanitary staff.
RPIN	Registered Property Identification Number – the unique number assigned to all export orchards linked to the property valuation roll number (R denotes a pomefruit crop).
Registered Variety	Apple varieties within a China registered production site that are grown and managed for the purpose of export to China. These will be varieties that the grower has identified on their registration form at registration (for example but not limited to: the Pacific series, Royal Gala). If a China registered production site contains more than one variety block of a variety intended for China registration then all variety blocks of that variety within the production site must be registered and treated as per the programme requirements for the entire season.
TCE	Tray carton equivalent.

APPENDIX 3: QUARANTINE PESTS OF CONCERN TO CHINA

- | | | |
|-----|---|--------------------------|
| 1. | <i>Erwinia amylovora</i> (Burrill) | Fire blight bacterium |
| 2. | Leafrollers, including : | |
| | (a) <i>Ctenopseustis obliquana</i> (Walker) | Brownheaded leafroller |
| | (b) <i>Ctenopseustis herana</i> (Feld.& Rogen.) | Brownheaded leafroller |
| | (c) <i>Epiphyas postvittana</i> (Walker) | Light Brown Apple moth |
| | (d) <i>Planotortrix excessana</i> (Walker) | Greenheaded leafroller |
| | (e) <i>Planotortrix octo</i> Dugdale | Greenheaded leafroller |
| | (f) <i>Pyrgotis plagiatana</i> (Walter) | native leafroller |
| 3. | <i>Dasineura mali</i> (Keiffer) | ALCM |
| 4. | <i>Phialophora malorum</i> (McColloch) | apple side rot |
| 5. | <i>Cydia pomonella</i> (Linnaeus) | codling moth |
| 6. | <i>Eriosoma lanigerum</i> (Housmann) | woolly apple aphid |
| 7. | <i>Pseudococcus longispinus</i> Targioni Tozzetti | longtailed mealybug |
| 8. | <i>Neonectria galligena</i> (Bres.) Rossman & Samuels | European canker |
| 9. | <i>Botryosphaeria stevensii</i> Shoemaker | Botryosphaeria canker |
| 10. | <i>Monilinia fructicola</i> (Winter) Honey | brown rot of stone fruit |
| 11. | <i>Pezicula malicorticis</i> (Jacks.) Nannf. | bull's eye rot |
| 12. | <i>Venturia inaequalis</i> (Cooke) G.Winter | black spot, apple scab |

**APPENDIX 4: MAF Compliance Agreement for Participation in New Zealand’s
“MAF Phytosanitary Compliance Programme for Apples to
China” in 20__/___**

**Application for Registration: Packhouse(s) and/or Coolstores
Apples to China**

**(TO BE COMPLETED AND SUBMITTED TO YOUR IVA BY 10th October annually)
2011/12 season registrations will be accepted until 15th January 2012**

Packhouse Information Requirements:

Please use BLOCK LETTERS to provide the following information, which is required, if you intend to participate as a packhouse and / a coolstore in the **MAF Compliance Programme for the Export of Apples to China (“Apples to China Programme”)**.

Forward your application for registration to your Independent Verification Agency (AsureQuality Ltd. or SGS NZ Ltd). Refer Section 1 for contact details.

The packhouse and / or coolstore should confirm with their IVA the costs associated to become registered for the Apples to China Programme.

Where the packhouse and the coolstore are on the same site and owned and operated as one business entity, only one registration will be required.

I [*state authorised packhouse / coolstore officer name*]
hereby apply for an “Apples to China” registration code

Packhouse / Coolstore Company or Partnership Name:

MAF Approved Organisation Contract of Approval number:.....

Packhouse/Coolstore Postal Address:
.....

Telephone Number:..... Fax Number:

Postal Code:..... Email Address:

Physical location of Packhouse(s)/Coolstores:
.....

Unique registration identifier codes used last season or in other compliance programmes:

Packhouse code..... Coolstore code.....

- I intend to pack
- IFP apples only
 - Organic apples only
 - IFP and Organic apples

I apply bar coding on packages as a means of product identification?

YES NO

My coolstore facility is on the same site as the packhouse? YES NO

If no, state below the name & location(s) of the coolstore facility(s) my packed apples and apples yet to be packed are expected to be stored at:

.....

I understand that apples I will packing for China will have to be stored before and after packing in MAF Approved coolstores registered for the China programme:Y / N

Exporter Details:

State the Company name, address & contact person of the exporter(s) who will be exporting your packed apples to China (Note: If this information is not immediately known, it may be supplied to your IVA on or by 26 January):

.....

Grower Production Site Details (attach your known register of grower production sites for China to this application):

.....

- (a) I/We agree to notify MAF via our Independent Verification Agency of any changes to the above details, including any changes to our register of grower production sites.
- (b) I/We understand that this registration does not entitle us to automatically undertake export inspection activities on behalf of MAF without first becoming formally approved in accordance with the MAF Export Certification Standard "Organisation Requirements".
- (c) I/We understand that this programme may change from time to time within the same growing/exporting year and that I may be required to advise and acknowledge to my IVA that I have received and understood the programme update and that I will implement programme update(s) by the date required.
- (d) I consent to publication of my programme compliance status in any publicly available information.
- (e) I consent to the details (including any personal information) relating to any pest detections in relation to product from my packhouse/coolstore facilities to be shared with Pipfruit New Zealand to develop/refine pest management programmes.
- (f) I understand that if I fail to provide all or any of the information requested in connection with the programme, I will be removed from the programme.
- (g) I understand that under the Information Privacy Principles of the Privacy Act 1993, I have rights of access to, and correction of, personal information held in connection with participation within the MAF Phytosanitary Compliance Programme for Apples to China.
- (h) I understand and agree that compliance with this Programme does not guarantee entry of my products into China and that MAF, its employees and agents are not liable for any loss or damage arising from refusal of the China authorities to permit entry of my products.

Signature (Applicant):.....

Date:

Continued over page

IVA Use Only

Date Application Received:
(date) By.....
(Signature of IVA person)

REGISTRATION IDENTIFIER CODE

Registration identifier code required:Y / N

If "Y" then

New code(s) allocated: Y / N;

New code for the packhouse is:

New code for the coolstore is:

Applicant notified: Letter/Fax/Email..... By.....
(Signature of IVA person)

Packhouse and/or Coolstore registers updated on/...../.....
by.....
(Signature of IVA person)

MAF APPROVED ORGANISATION SYSTEM

Applicant's packhouse and coolstore(s) have their MAF Approved system updated and approved to meet requirements of this programme:Y / N

MAF Approved system updated and approved on
(date)

Packhouse and/or Coolstore registers updated on/...../.....
By.....
(Signature of IVA person)

APPENDIX 5: MAF Compliance Agreement for Participation in New Zealand's "MAF Phytosanitary Compliance Programme for Apples to China" in 20__ / __

Application for Registration: Exporters

Apples to China

**(TO BE COMPLETED AND SUBMITTED TO PNZI BY 20th December annually)
For the 2011/12 season registrations will be accepted until 20 January 2012**

Exporter Information Requirements:

Please use BLOCK LETTERS to provide the following information, which is required, if you intend to participate as an **exporter** in the **Apples to China Programme**.

A registration fee of **\$1380.00** (including GST) is to be deposited directly to the following Pipfruit New Zealand Inc. bank account

Bank of New Zealand
Branch Hastings
Account Number 02 0500 0893749 23

Please ensure your direct payment to Pipfruit New Zealand Inc references your company name.

IMPORTANT NOTES:

1. The company name referenced with the payment must correspond to company/exporter name identified upon this application and that used on Phytosanitary Certificates.
2. You will only be eligible to receive MAF certification for export consignments of apples to China upon:
 - i. Pipfruit New Zealand Inc. receipt of this completed application form.
 - ii. Deposit of registration fee to nominated Pipfruit New Zealand Inc bank account.
3. Placement of the exporter on the Apples to China exporter registers once confirmation of 1 and 2 above has occurred and forwarded to MAF.

Please forward your application for exporter registration to:

Jill Morley
Pipfruit NZ Inc.
P O Box 11094
HASTINGS 4158

Or email to jill.morley@pipfruitnz.co.nz

Continued over page

I [state authorised name of the person representing the exporter]

..... hereby apply to be registered as an exporter in the Apples to China Programme

Exporter Company or Partnership Name:

Exporter's Postal Address:.....

.....

.....

Telephone Number:.....Fax Number:.....

Postal Code:.....Email Address:.....

Physical location of the exporter's registered (GST) office:.....

.....

Are you a MAF Accredited/Approved Organisation under the Standard "Organisation Requirements"? **YES ? NO ?**

If YES:

Please state your Contract of Accreditation number:

If NO:

Please state which IVA will be employed by you to provide export phytosanitary services (AsureQuality Ltd or SGS NZ Ltd) and please note the following undertakings:

- (a) I agree to comply with the requirements specified within the MAF Compliance Programme for the Export of Apples to China (the Programme).
- (b) I agree to MAF making enquiries and using the information supplied by me, in connection with the Programme, and to audit my compliance to the programme.
- (c) I consent to publication of my status within the Programme in any publication, which may be made available to the public.
- (d) I consent to the details (including any personal information) relating to any pest detections on my production sites or packhouse/coolstore facilities to be shared with Pipfruit New Zealand to develop/refine pest management programmes.
- (e) I agree to afford the Director of MAF (Import & Export Standards) or his representatives (e.g. IVA) reasonable co-operation and access necessary to carry out audits in relation to the Programme.
- (f) I understand that if I fail to provide all or any of the information requested in connection with the Programme, I will be removed from the Programme forthwith.
- (g) I understand that under the Information Privacy Principles of the Privacy Act 1993, I have rights of access to, and correction of, personal information held in connection with participation within Programme.
- (h) I agree to notify MAF and Pipfruit NZ Inc. of any changes to the above details.
- (i) I acknowledge that the IVA's normal Terms of Trade apply.
- (j) I agree to the information contained in this application being made available to Independent Verification Agencies (IVAs) to enable them to verify the requirements of the Programme.
- (k) I understand that this registration does not entitle me to automatically undertake post export inspection product security activities on behalf of MAF without first becoming formally approved as per the MAF Export Certification Standard: Organisation Requirements.

EXCLUSION OF LIABILITY

1. I accept that under no circumstances will MAF, crown officers, or agents of or other persons associated with MAF or crown officers, be liable for any loss, claim, action, demand, expense, inquiry, harm, or damage, however caused, arising directly or indirectly from or connected in any way to:
2. The performance, or as the case may be, non-performance of the exporter (or any of its contractors, sub-contractors, agents, or employees that are not a party to this Contract) of any of its obligations in respect of this programme; or
3. The provision or non-provision of any inspection and/or audit and/or documentation service for MAF export certification by the operator.
4. The exporter understands and agrees that compliance with this Programme does not guarantee entry of its products into China and that MAF, its employees and agents are not liable for any loss or damage arising from refusal of the China authorities to permit entry of the exporter’s products

INDEMNITY

- a. I will indemnify and keep indemnified MAF from and against any liability, loss, damage, costs and expenses (including legal costs and any expenses of going to arbitration), which MAF may suffer or incur arising directly or indirectly from:
- b. The performance, or as the case may be, non-performance of the operator (or any of its contractors, sub-contractors, agents, or employees that are not a party to this Contract) of any of its obligations in respect of this programme;
- c. Negligent acts or omissions on the part of the operator (or any of its contractors, sub-contractors, agents, or employees that are not a party to this Contract).

Registration fee has been deposited to the nominated Pipfruit New Zealand Inc bank account (NB: application is incomplete until payment is recorded in the PNZI bank statement) YES/NO

Signature

(Applicant):..... **Date:**.....

PNZI Use Only

Application received from the exporter.....

Payment made on:/...../.....

IVAs advised on:/...../.....

Signed:.....

Signature of PNZI person

IVA Official Use Only

Complete Application received from PNZI on..... by.....
(date) (name)

Database updated:/...../.....

Signed:.....

Signature of IVA person

APPENDIX 6: Maturity Testing For Apples

Maturity

Mature fruit are unable to transmit fire blight and therefore confirming maturity through testing is a key indicator of compliance to this programme's requirements.

An approved maturity testing regime is:

1. On arrival at the gatehouse of postharvest facility (e.g. the packing or coolstoring facility) from the orchard for every new variety and production site combination:
 - a. Maturity testing competent personnel will select at random a minimum sample of 20 fruit from field bins on the first submission of fruit intended for export to China from the registered production site.
 - b. A starch pattern index (SPI) test will be performed on each of the 20 fruit
 - c. The fruit will be considered mature if there are no individual fruit with SPI scores of 0 on the 8 point starch pattern test scale (revised in July 2011) and may proceed to grading and packing for China.
 - d. Those fruit varieties tested using the CTIFL 10 point starch scale will be considered mature if there are no individual fruit with SPI scores of 0 on the 10 point starch pattern test scale and may proceed to grading and packing for China.
 - e. Fruit sample for maturity testing may be taken by the Approved organisation maturity testing competent personnel from the harvest bins before the fruit physically enters the postharvest facility.
2. Once a production site/variety combination has been cleared all apples of the same variety from the same production site are considered to be mature for China from the and including the day the testing was completed.
3. All maturity testing results must be held by the packhouse or cool store for 2 years.