

APPPC ePhyto Workshop

Session 7
Infrastructure Requirements

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Session 7 – Infrastructure Requirements

This session will look at

- Overview of phytosanitary certification in Australia
- Demonstration of ePhyto exchange with the USA
- Demonstration of ePhyto exchange with New Zealand
- Infrastructure requirements
- Questions

Overview

Phytosanitary certification in Australia

Exports of plants and plant products from Australia are regulated with

- Export Control Act 1982
 - Export Control (Prescribed Goods- General) Order 2005
 - Export Control (Plants and Plant Products) Order 2011

The plant exports systems are managed by Plant Export Operations, Plant Division, Department of Agriculture.

Exports of plants and plant products from Australia follow this process

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	Importing country requirements	MiCOR
_	importing country requirements	1.110011

2. Notice of intention EXDOC

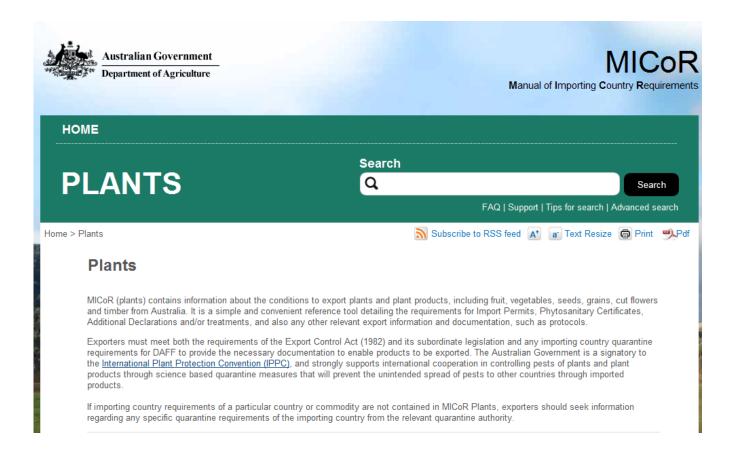
3. Inspection by an authorised officer (AO) PEMS

4. Authorisation of certification EXDOC

5. Electronic exchange eCert

To produce phytosanitary certification that importing country requirements are met and is IPPC compliant

Importing country requirements



The **Notice of Intention** to export Prescribed Goods (EX28) is issued in accordance with Export Control Act 1982, Part II, Section 6.

Notice of Intention to Export Prescribed Goods (NOI) is a manual form. The electronic equivalent is a Request for Permit (RFP) – submitted into EXDOC

- Consignment details
 - Commodity
 - quantities
- Inspection place
- Destination country
- Conveyance details
 - Port of departure
 - Date of departure

Inspection by an authorised officer (AO) - PEMS

Prescribed goods must be inspected and certified by an Authorised Officer at a registered establishment

Authorised Officers (AOs) are specially trained individuals who are authorised to perform specific export inspection functions in accordance with Australian export legislation.

When undertaking these duties, AOs are regarded as Australian Government officials. They may conduct a range of duties depending on the commodity and their training qualification.

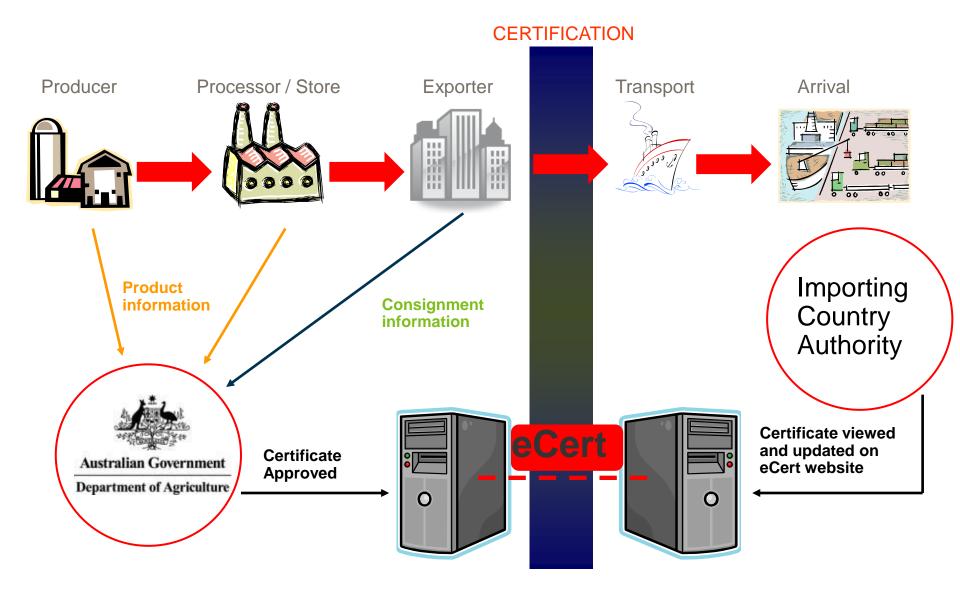
All AOs are subject to rigorous verification and audit.

Authorisation of certification

After an Authorised Officer has passed the goods as 'export compliant', the department, through EXDOC, will issue

- Export Permit
- Phytosanitary Certificate
- Other certificates
 - Certificate as to Condition
 - Declaration and Certificate as to Condition
 - Radioactivity Statement
 - Ship's Holds Inspection Certificate.

Business Model



Demonstration

Export of Cottonseed

From Australia to the USA

Demonstration of exchange – export

Export of cottonseed from Australia to the USA. Australian perspective

1.	Importing country requirements	MiCOR
2.	Notice of intention	EXDOC
3.	Inspection by an authorised officer (AO)	PEMS
4.	Authorisation of certification	EXDOC
5.	Electronic exchange	eCert

Demonstration of exchange

Export of cottonseed to the USA

- 3 containers 72.3 TNE
- Departing Brisbane
- Entering Oakland
- Import permit: P8-12-00026 23-0CT-2012
- Treatment: fumigated with methyl bromide

1. Importing country requirements

MiCOR

PLANTS





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United States of America (US)

Gossypium spp Cottonseed

Stockfeed

NPPO details: United States Department of Agriculture Animal & Plant Health Inspection Service

Plant Protection & Quarantine Maryland Relevant web addresses: www.usda.gov

www.aphis.usda.gov

Documentation

Document Type	Required?
Import Permit	Yes
Phytosanitary Certificate	Yes
Additional Declaration/Endorsement	No

General Requirements

Consignments are to be free from pests, soil, weed seeds and extraneous material

Copy of the Import permit must be presented to the DAFF inspector at the time of inspection.

Treatment

Treatment design approval and treatment supervision is required by DAFF

Consignments are to be furnigated with Methyl Bromide as per the following schedule: 112 grm/m3 at 4.5 degrees Celsius (and above) for 24 hours, with minimum concentration readings (grm/m3) of: at 2 hours = 60 grms

Scientific NameGossypium sppCottonseed (- Stockfeed No)

Documentation

General

Treatment

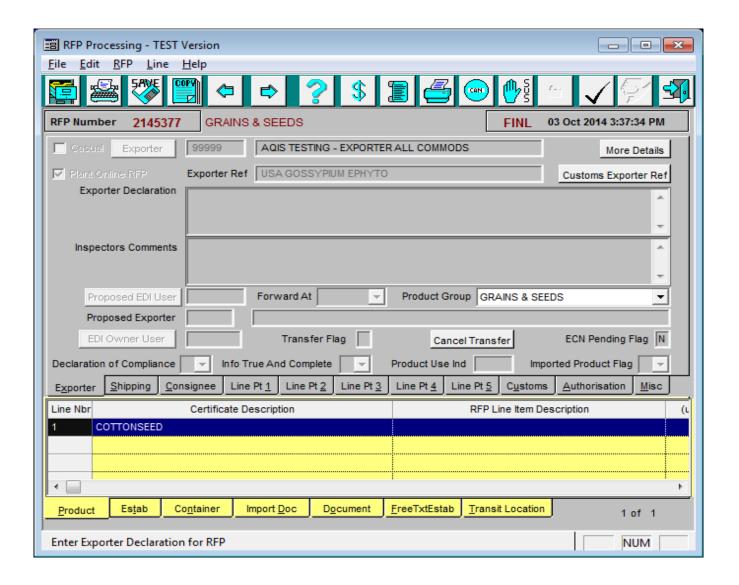
Additional Declaration/Endorsements

Reference

United States Of America (US)

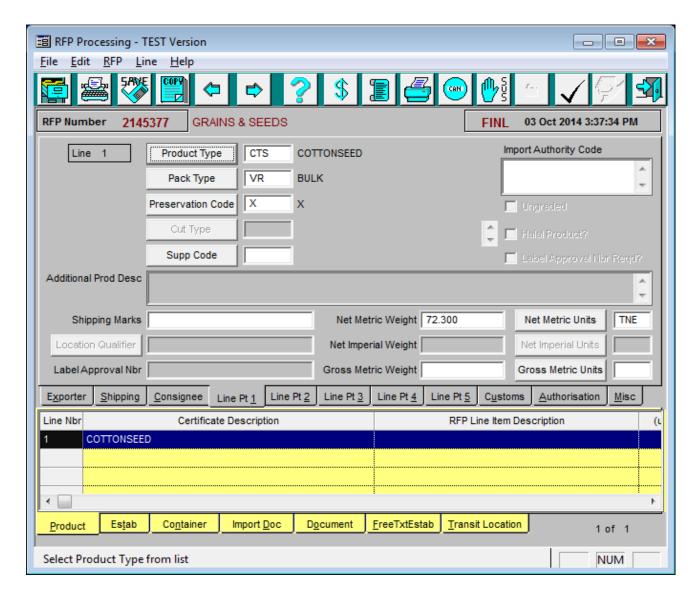
2. Notice of intention – EXDOC:

EXPORTER

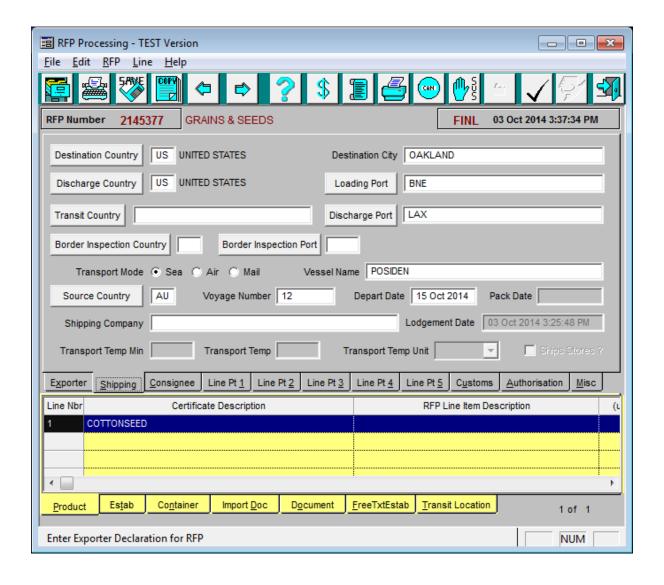


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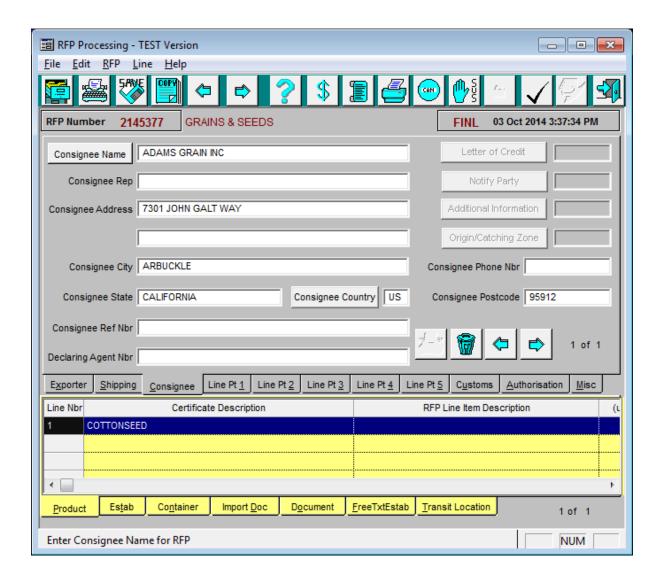
PRODUCT



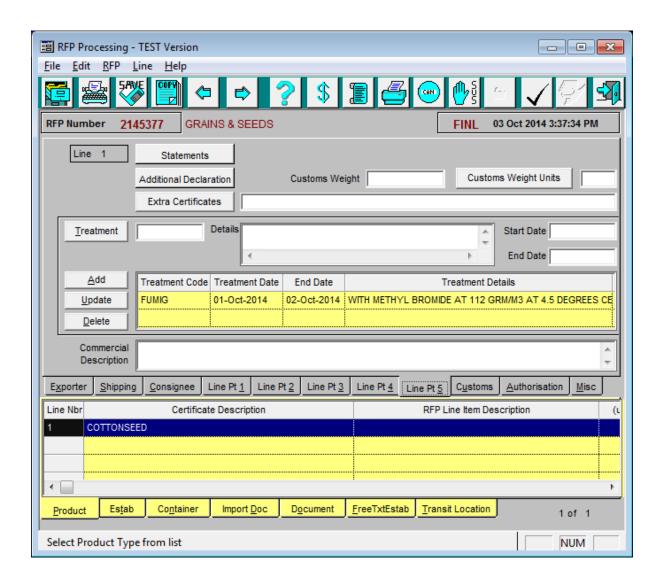
2. Notice of intention – EXDOC: SHIPPING



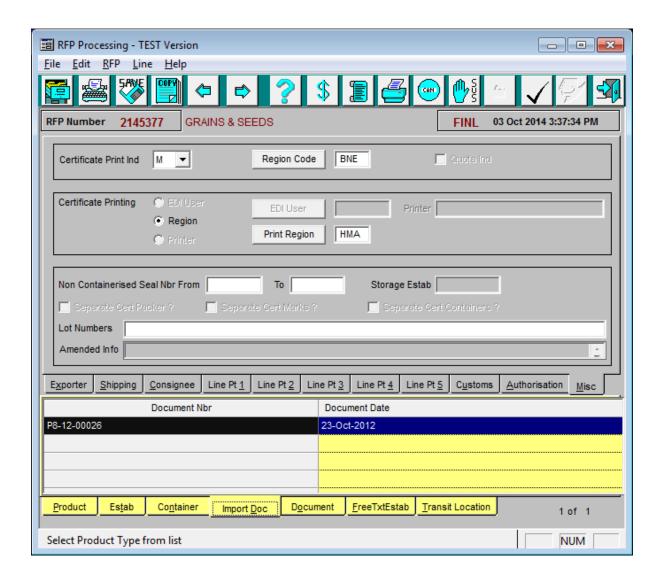
2. Notice of intention – EXDOC: IMPORTER



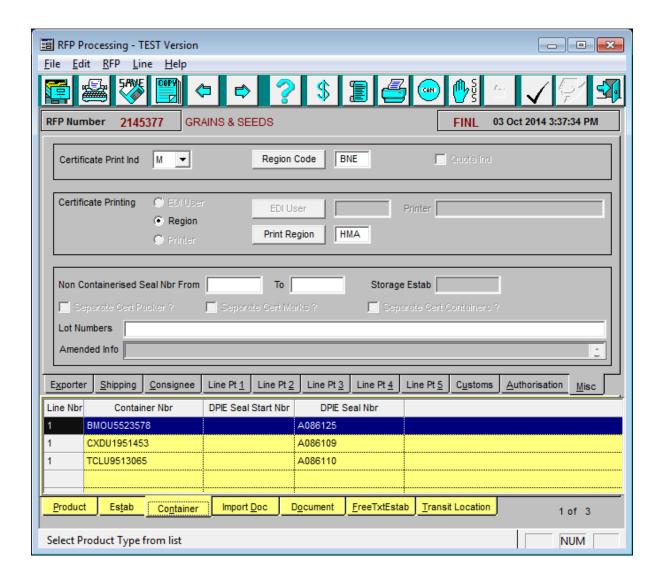
2. Notice of intention – EXDOC: TREATMENT



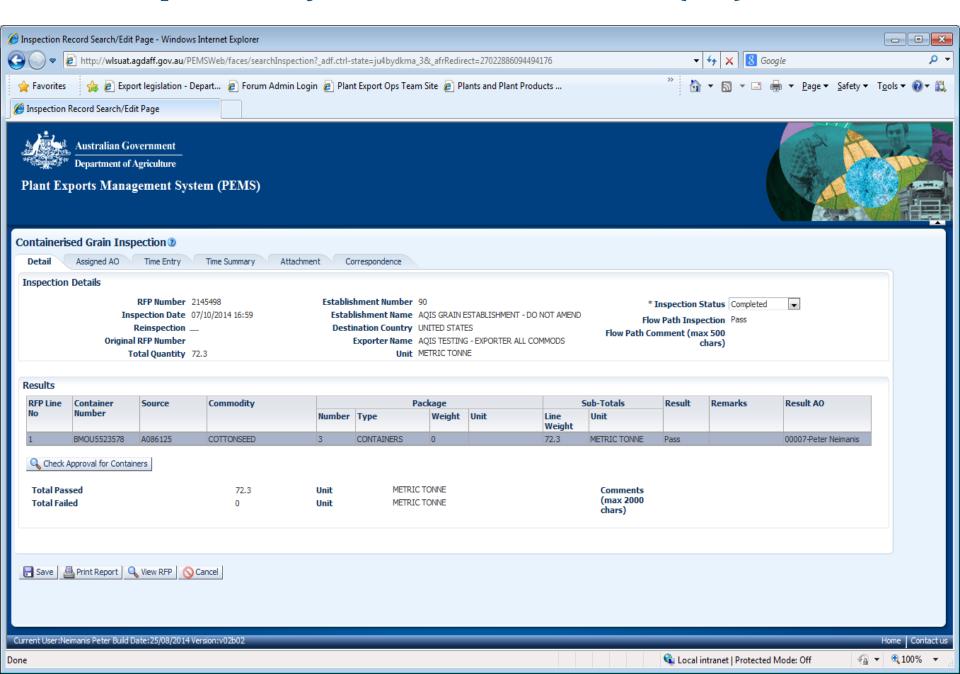
2. Notice of intention – EXDOC: IMPORT PERMIT



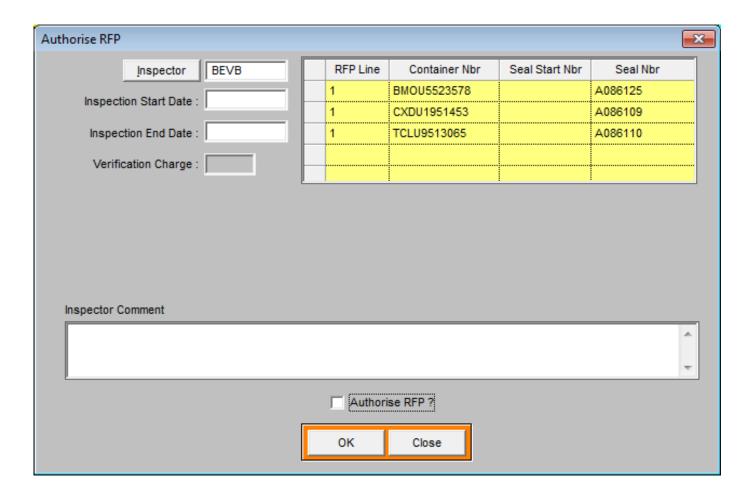
2. Notice of intention – EXDOC: CONTAINERS



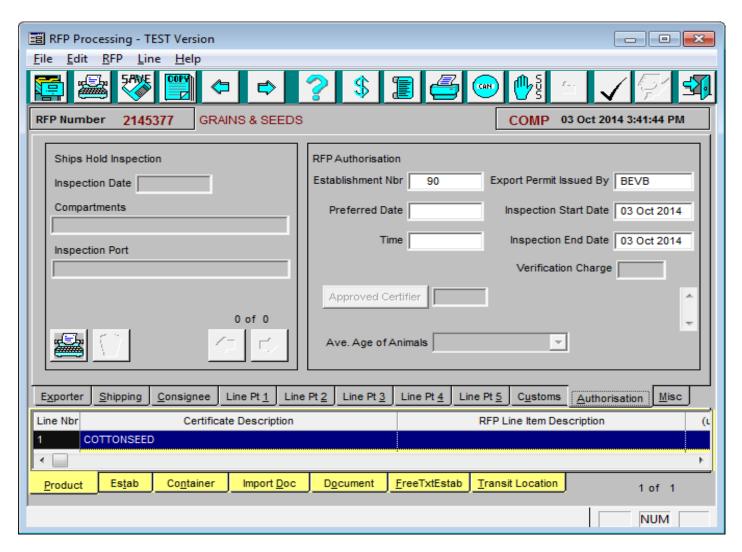
3. Inspection by an authorised officer (AO) - PEMS



4. Authorisation of certification - EXDOC



4. Authorisation of certification - EXDOC



5. Electronic exchange - eCert

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       xmlns:ram="urn:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:10">
   - <rsm:SPSExchangedDocument>
           <ram:Name languageID="en">PHYTOSANITARY CERTIFICATE</ram:Name>
           <ram:ID>2119540</ram:ID>
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           <ram:StatusCode>39</ram:StatusCode>
           <ram:IssueDateTime>2014-10-03T05:41:57/ram:IssueDateTime>
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               <ram:Name>Department of Agriculture, Fisheries and Forestry</ram:Name>
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                  <ram:RoleCode>PQ</ram:RoleCode>
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                      <ram:Name>Bev Beacham</ram:Name>

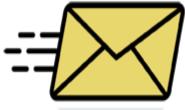
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                      </ram:AttainedSPSQualification>
                   </ram:SpecifiedSPSPerson>
               </ram:ProviderSPSParty>
           - <ram:IncludedSPSClause>
                  <ram:Content languageID="en">This is to certify that the plants, plant products or other regulated articles described herein h
                      official procedures and are considered to be free from the quarantine pests specified by the importing contracting party a
                      the importing contracting party, including those for regulated non-quarantine pests.</re>
               </ram:IncludedSPSClause>
```

5. Electronic exchange - eCert

Now the ePhyto has been sent from Australia to USA





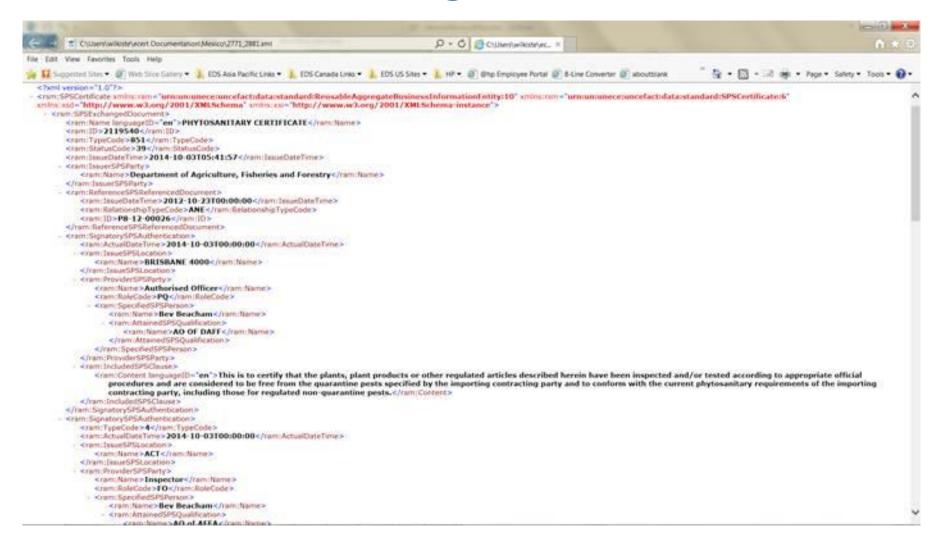
Average Australian farmer



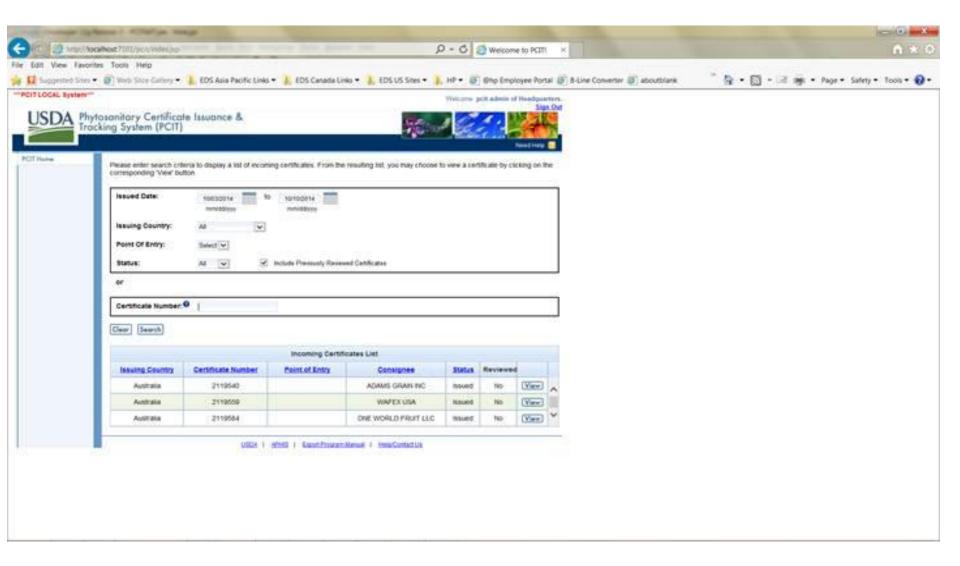
Demonstration of exchange - import

Export of cottonseed from Australia to the USA USA perspective

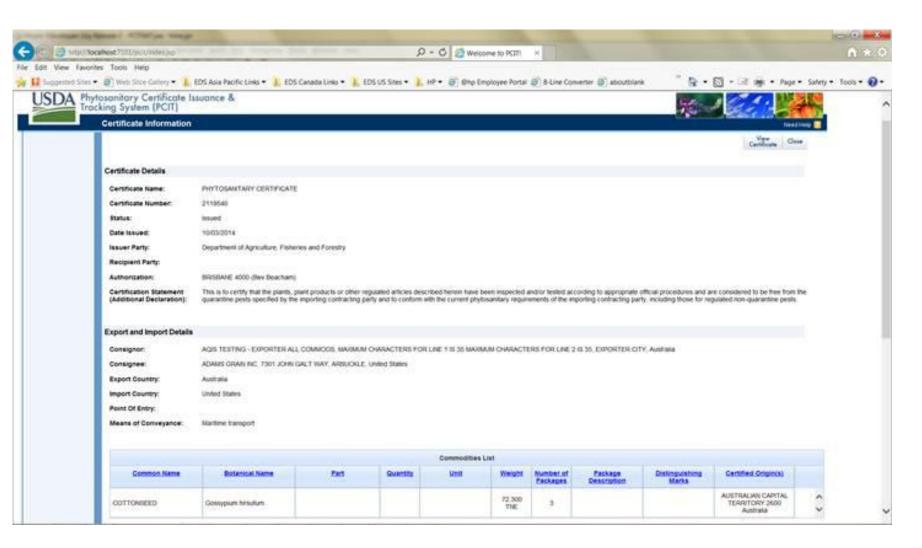
Electronic exchange – XML extract



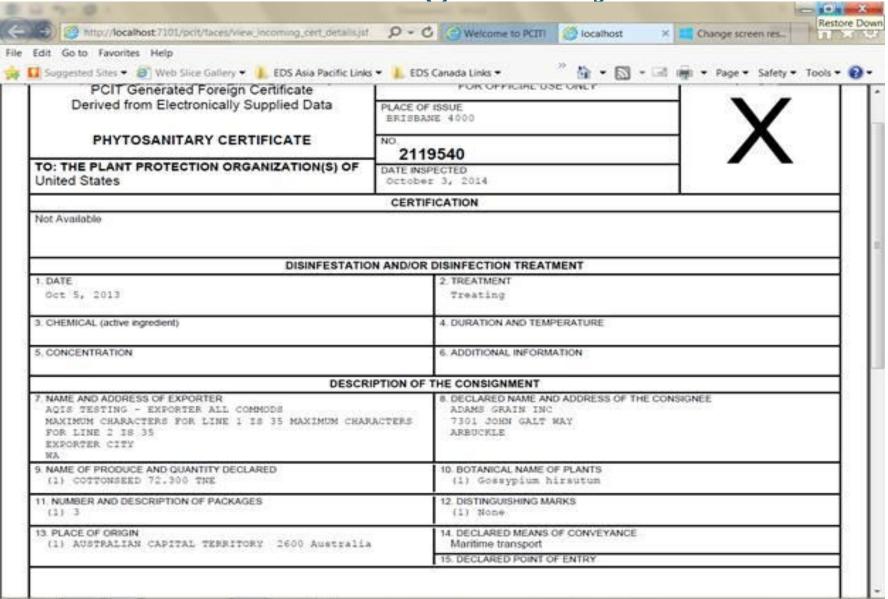
Electronic exchange - PCIT



Electronic exchange - PCIT



Electronic exchange – ePhyto view



Questions

Demonstration

Export of Avocado

From New Zealand to Australia

Demonstration of exchange – export

Export of avocados from New Zealand to Australia

New Zealand perspective

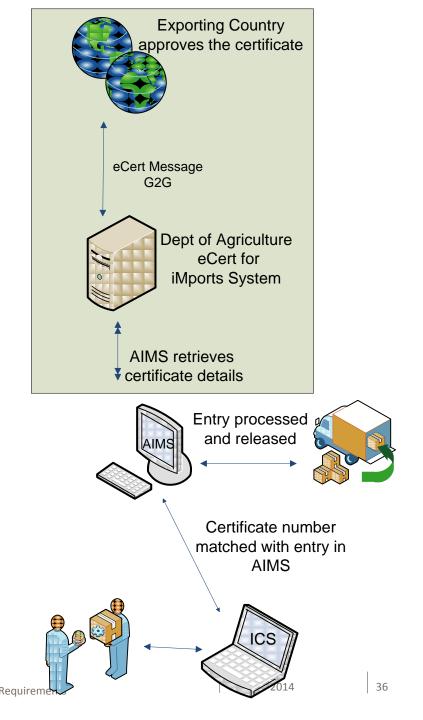
Demonstration of exchange – import

Export of avocados from New Zealand to Australia Australian perspective

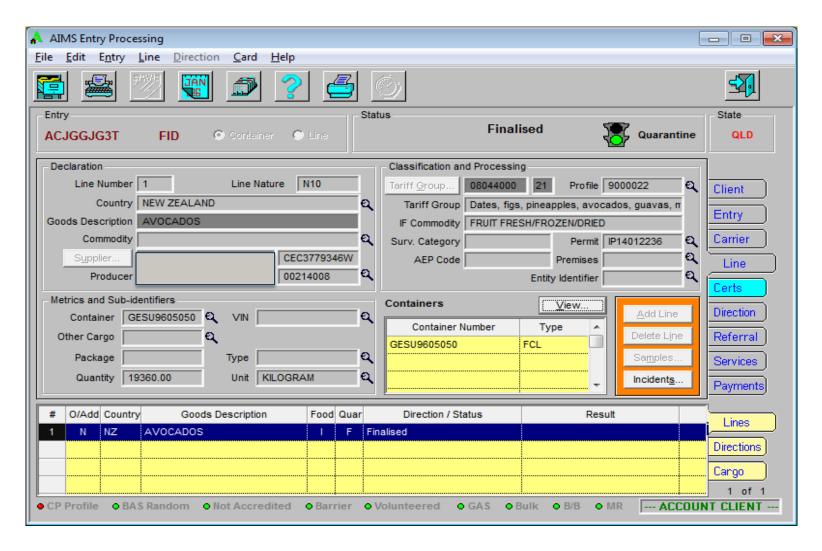
- 1. Import overview
- 2. Importing country requirements ICON
- 3. Import clearance AIMS
 - i. Assessment of documents eCert

Australia – Import Overview

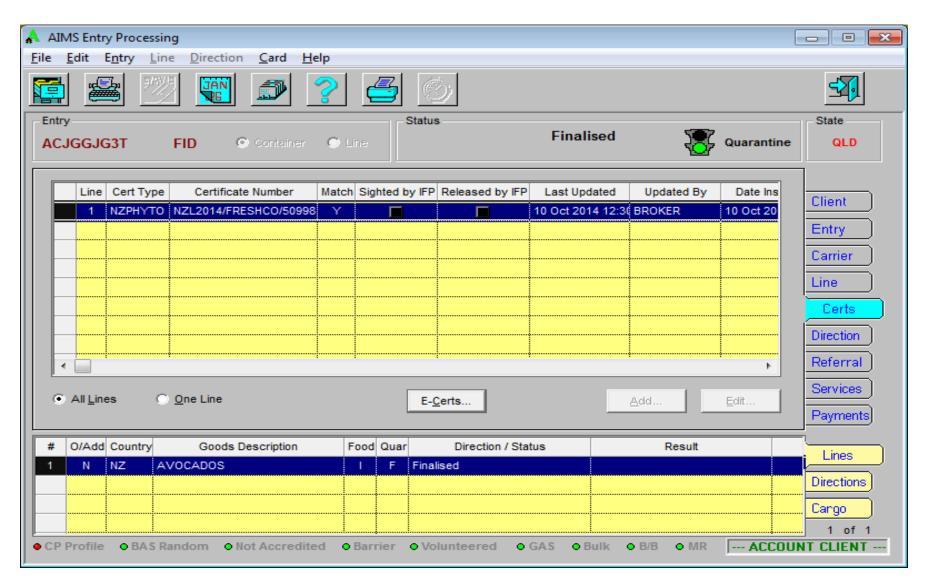
- 1. Export clearance provided
- 2. ePhyto sent into Dept of Ag
- 3. AQIS Import Management System (AIMS)
- 4. Integrated Customs System (ICS)



3. Import Clearance – line details



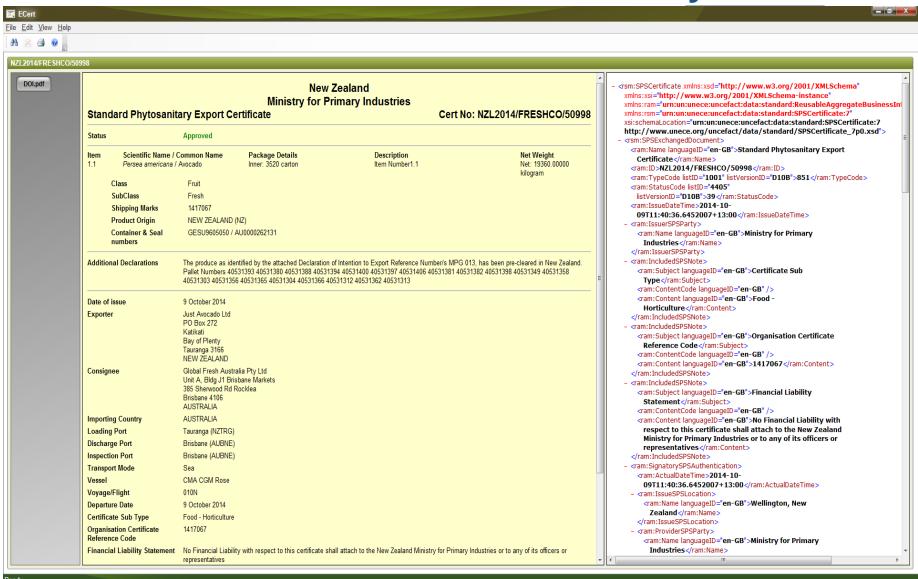
3. Import Clearance - certificates



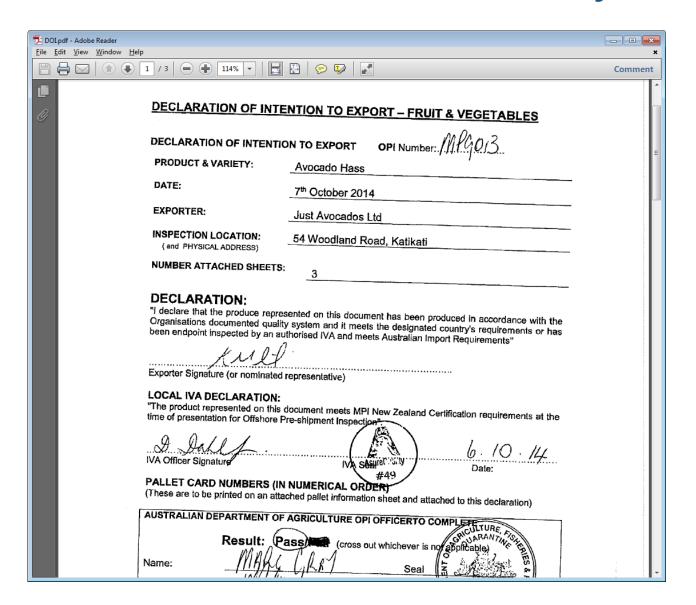
3.i. Document Assessment - ePhyto



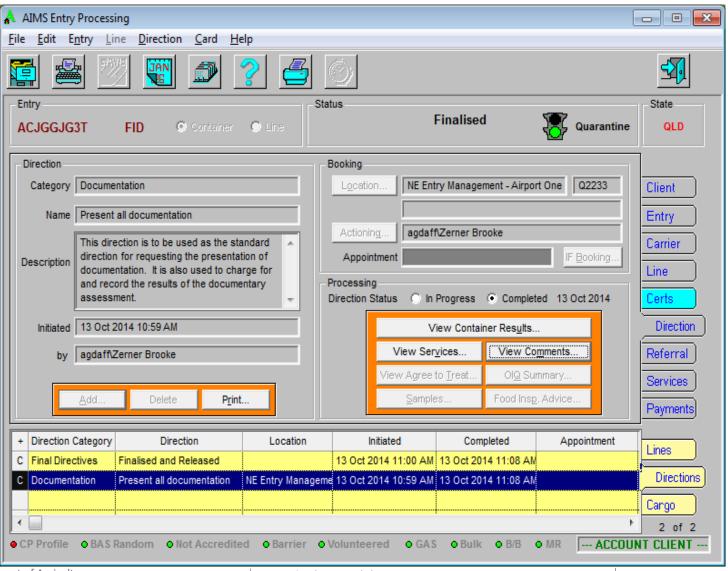
3.i. Document Assessment - ePhyto



3.i. Document Assessment - ePhyto



3. Import Clearance - direction



Questions

Infrastructure Requirements

Infrastructure requirements

From an IT perspective

- Computer(s)
- A separate server to facilitate Web-based application (with URL domain) & database storage & user admin service
- Security arrangements (e.g. SSL certificates)
- Software application (Code) that enables the "Receipt & Dispatch (sending)" of Phytosanitary certificate information;
 - as per ISPM 12 Appendix 1
 - in XML as per UN/CEFACT SPS Schema

Infrastructure requirements

Phytosanitary business perspective

- Business decision maker(s)
- Budget resources
- Skilled phytosanitary inspectors & certificate verification staff
- User support (access & help)

Infrastructure requirements

For a completely integrated, electronic system for exports and imports of plants and plant products, countries need

- Importing country requirements (export and import)
- Inspection results
- Export certification
- Send/receive ePhytos
- Integration with import systems

Questions