US Export Program
Phytosanitary Certification

Maggie Smither
Export Services
USDA-APHIS-PPQ

Overview

- USDA Export Services authority, structure, process
- Phytosanitary Certificate Issuance & Tracking (PCIT)
- Phytosanitary Export Database (PExD)
- PCIT eCert experiences & development
- Export Programs & Treatments

Authorities & Standards

- USDA Authority is provided in Section 418, Certification of Exports, of the Plant Protection Act.

  7 Code Federal Regulations Part 353 and 354

- 34 International Standards for Phytosanitary Measures

  ISPM 7 – National system

  ISPM 12 – Phytosanitary Certificates

- 35 Regional Standards for Phytosanitary Measures

  RSPM 8 – Authority of individuals to issue phytosanitary certificates

Facilitating US Exports

- Export Services is the headquarters unit within USDA-APHIS-PPQ, that maintains the export program for U.S. applicants for export certification of U.S. and foreign-origin agricultural commodities (plants & plant products).

- The export program does not require certification of any U.S. exports, but rather provides certification of commodities as a service to U.S. exporters.

- The US Export Program exists in order to assist US Exporters with international trade.

Export Services - Policy Management

- Establish national policy and procedure

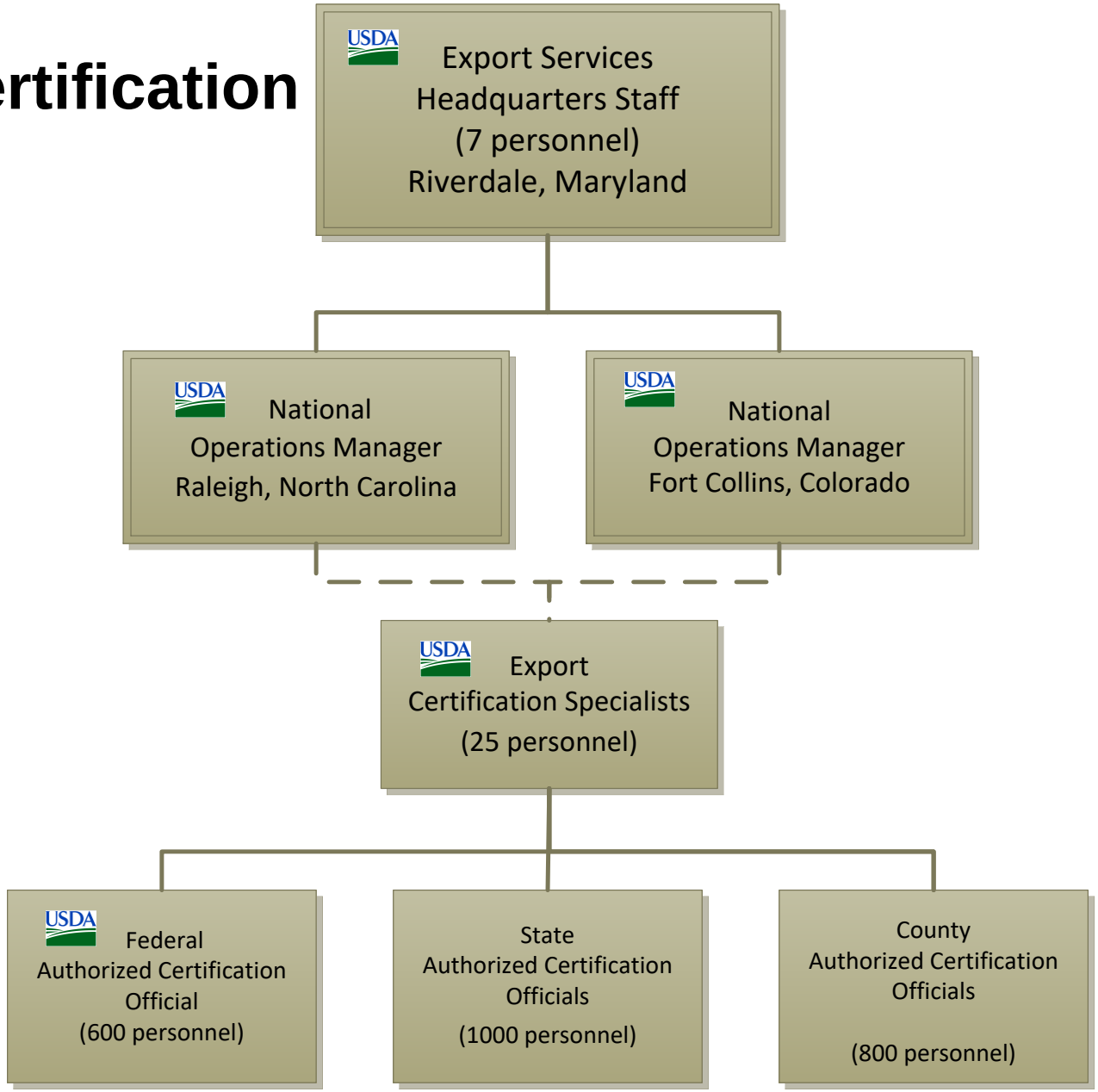
  Export Program Manual (XPM) & Training Materials

- Analyze, interpret, and maintain foreign phytosanitary import requirements for over 200 countries *(PExD)*

- Detained shipment resolution & commodity trace-backs

  Official response for US exports detained at foreign ports of entry; facilitate NPPO request for commodity trace-back; tracking of notices of non-compliance

Export Certification Structure



- Article
- Botanical Name
- Inspection Date
- Quantity
- Origin
- Conveyance

- Additional Info
  - Pest/Disease
  - Treatment

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to, a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for this information collection are 0579-0052, 0094, and 0240. The time required to complete this information collection is estimated to average 1.2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection information.

OMB Approved 0579-0052, 0094 and 0240

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
PLANT PROTECTION AND QUARANTINE

PHYTOSANITARY CERTIFICATE

FOR OFFICIAL USE ONLY

PLACE OF ISSUE: Riverdale, Maryland

NO. **F-F-24033-05037504-7-N**

DATE INSPECTED: August 25, 2015

TO: THE PLANT PROTECTION ORGANIZATION(S) OF: Antarctica

USDA

CERTIFICATION

This is to certify that the plants, plant product or other regulated articles described herein have been inspected and/or tested according to appropriate official procedures and are considered to be free from the quarantine pests, specified by the importing contracting party and to conform with the current phytosanitary requirements of the importing contracting party including those for regulated non-quarantine pests.

DISINFESTATION AND/OR DISINFECTION TREATMENT

1. DATE
2. TREATMENT
3. CHEMICAL (active ingredient)
4. DURATION AND TEMPERATURE
5. CONCENTRATION
6. ADDITIONAL INFORMATION

DESCRIPTION OF THE CONSIGNMENT

7. NAME AND ADDRESS OF THE EXPORTER
U.S. Grain Exporter
200 SW Market Street
Suite 200
Portland, Oregon 97201

8. DECLARED NAME AND ADDRESS OF THE CONSIGNEE
Grain Importation United LLC
McMurdo Station- RPSC
PSC 999 Box 7245
APO AP 96599-1035 Antarctica

9. NAME OF PRODUCE AND QUANTITY DECLARED
(1) 4800 Metric Tons Soybean (Grain)
(2) 12500 Metri[illegible] Hard Red Winter Wheat (Grain)
(3) 8000 Metric Tons Hard White Wheat (Grain)

10. BOTANICAL NAME OF PLANTS
(1) Glycine max
(2) Triticum aestivum
(3) Triticum aestivum

11. NUMBER AND DESCRIPTION OF PACKAGES
(1-3) In bulk

12. DISTINGUISHING MARKS
(1-3) None

13. PLACE OF ORIGIN
(1-3) USA

14. DECLARED MEANS OF CONVEYANCE
Ocean Vessel

15. DECLARED POINT OF ENTRY
Antarctica

WARNING: Any alteration, forgery, or unauthorized use of this phytosanitary certificate is subject to civil penalties of up to $250,000 (7 U.S.C. Section 7734(b)) or punishable by a fine of not more than $10,000, or imprisonment of not more than 5 years, or both (18 U.S.C. Section 1001).

ADDITIONAL DECLARATION

Page 1 of 1

16. DATE ISSUED: August 25, 2015
17. NAME OF AUTHORIZED OFFICER (Type or Print): Michael Perry
18. SIGNATURE OF AUTHORIZED OFFICER: Michael Perry

No liability shall attach to the USDA or to any officer or representative of the USDA with respect to this certificate.

PPQ Form 577 FEB 2001 Previous editions are obsolete after 6/30/01

EXAMPLE ONLY
CERTIFIED

USDA United States Department of Agriculture
Animal and Plant Health Inspection Service

APHIS Application Access

Notice: All APHIS systems use the USDA eAuthentication security portal for application access. If you have problems logging in, you must call the APHIS eAuthentication Help Desk at 1-866-794-2827 for assistance.

Log In

New to this site? Click here.
Click here to add this page to your favorites.

Animal and Plant Health Inspection Service (APHIS) is responsible for safeguarding agriculture and natural resources from the risks associated with the entry, establishment, or spread of animal and plant pests and noxious weeds.

The APHIS Application Access page is used to log into the following systems:

Phytosanitary Certificate Issuance & Tracking System (PCIT)

PCIT system tracks the inspection of agricultural products and certifies compliance with plant health standards of importing countries. This capability provides APHIS/PPQ better security, reporting functions, and monitoring capabilities for exported commodities.

Veterinary Export Health Certification System (VEHCS)

VEHCS system facilitates creation and endorsement of animal health certificates for export. It helps APHIS/VS to certify compliance with importing countries requirements, and to automate tracking and reporting of exported live animals.

USDA | APHIS | PCIT/VEHCS Training | PCIT Certificate Viewer | VEHCS Certificate Viewer | PExD | PCIT Help/Contact Us | VEHCS Help/Contact Us

PCIT Online https://pcit.aphis.usda.gov/pcit/

What is PCIT?

- Role based web certification system
- State and Federal phytosanitary certificates
- On-line payment collection mechanism
- Standardized process rules and reporting
- Facilitates trace backs and held shipments
- Authenticates/Validates US certificates via the external PCIT Certificate viewer
- ePhyto – sends and receives phytosanitary certificates from other NPPOs

PCIT Facts & Future

- 40,000 registered users world wide
- Certificate Types: PPQ Forms 577, 578, 579 & State Phytosanitary Certificates for 31 US States
- Over 5 million certificates since inception
- 700,000 certificates per year (*over one per minute*) 24/7/365
- Collection and remittance of fees including 31 US States and 22 US counties
- Responsible for on-line training of over 2,000 certifying officials

- Modular, PCIT platform is used for other systems *PExD, VEHCS, LAWGS*

- Future release will add a QR code to the certificate

  Certificates may be verified by smart phone or other devices

- Special security paper will be replaced by plain white paper

Phytosanitary Export Database PExD

- PCIT module
- Repository of the phytosanitary import requirements of 236 countries
- Transfers all Additional Declaration information to PCIT certificates
- Reports on countries' harmful organisms to determine impacts to US trade and facilitate appropriate responses
- Public access to view requirements

PExD

USDA Phytosanitary Certificate Issuance & Tracking System (PCIT)

Phytosanitary Export Database (PExD)

Need Help

- View Country Information
  - Commodity
    - Retrieve Last Viewed Summary
  - Foreign Points of Contact
  - Harmful Organisms
  - Definitions
  - Points of Entry
  - General Requirements
  - Supporting Documents
  - Historical Data
- Additional Export Data
- Ineligible Commodities
- Processed Products (PPQ Form 578)
- Export Services Contact Information

Welcome to the Phytosanitary Export Database (PExD) System. PExD contains phytosanitary import requirements of U.S.-origin commodities to foreign countries. This information may be retrieved by users with access to the Phytosanitary Certificate Issuance & Tracking (PCIT) system.

Refresh Messages

Messages

View Country Information

Select the country you would like to view information on. Items marked * are required.

* **Country:** Chile

Last Updated: August 31, 2016

Then select the type of information you would like to view on the selected country.

https://pcit.aphis.usda.gov/PExD/signIn

PCIT eCert

- Electronic Exchange is a USDA-APHIS web service designed to electronically exchange phytosanitary certificates government to government.

- This process supplements or replaces the existing paper certificate which accompanies the shipments.

Why eCert?

- Provides credibility, integrity & security

- Fraud prevention – reduces the likelihood of fraudulent certificates and illegal entry of commodities
- Technology changes – ensure that the underlying technology meets international security requirements and allow for technological changes
- Expedites & facilitates trade
- Reduces certification costs
- International standardization – strives to ensure consistent data interpretation & conformance with international standards

No phytosanitary certificate can be issued until an application is completed (7 CFR 353)

FORM APPROVED
(MB No. 0579-0055)

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
PLANT PROTECTION AND QUARANTINE

PHYTOSANITARY CERTIFICATE

TO: THE PLANT PROTECTION ORGANIZATION(S) OF
Mexico

FOR OFFICIAL USE ONLY

PLACE OF ISSUE
Atlanta, Georgia

NO.
F-F-13121-03272844-7-N

DATE INSPECTED
July 30, 2015

CERTIFICATION

This is to certify that the plants, plant product or other regulated articles described herein have been inspected and/or tested according to appropriate official procedures and are considered to be free from the quarantine pests, specified by the importing contracting party and to conform with the current phytosanitary requirements of the importing contracting party including those for regulated non-quarantine pests.

DISINFESTATION AND/OR DISINFECTION TREATMENT

1. DATE
2. TREATMENT
(See attached additional treatment)
3. CHEMICAL (active ingredient)
4. DURATION AND TEMPERATURE
5. CONCENTRATION
6. ADDITIONAL INFORMATION

DESCRIPTION OF THE CONSIGNMENT

7. NAME AND ADDRESS OF EXPORTER
Atlanta Bonded
2500 Cobb International Blvd.
Kennesaw, Georgia 30152

8. DECLARED NAME AND ADDRESS OF THE CONSIGNEE
Mexico Associations
Mexico City, Mexico

9. NAME OF PRODUCE AND QUANTITY DECLARED
(1) 100 Bonsai Orange (Bare root plants)
(2) 600 Bales Banana (Air dried lumber)
(see attached commodities)

10. BOTANICAL NAME OF PLANTS
(1) Citrus sinensis
(2) Musa sp.
(see attached commodities)

11. NUMBER AND DESCRIPTION OF PACKAGES
(1-2) In bulk

12. DISTINGUISHING MARKS
(1-2) None

13. PLACE OF ORIGIN
(1-2) USA

14. DECLARED MEANS OF CONVEYANCE
Air Freight

15. DECLARED POINT OF ENTRY
Mexico

WARNING: Any alteration, forgery, or unauthorized use of this phytosanitary certificate is subject to civil penalties of up to $250,000 (7 U.S.C. Section 7734(b)) or punishable by a fine of not more than $10,000, or imprisonment of not more than 5 years, or both (18 U.S.C. Section 1001).

ADDITIONAL DECLARATION

The product is free of soil.

Page 1 of 2

16. DATE ISSUED
July 30, 2015

17. NAME OF AUTHORIZED OFFICER (Type or Print)
Soumya Sanganna

18. SIGNATURE OF AUTHORIZED OFFICER

No liability shall attach to the United States Department of Agriculture or to any officer or representative of the Department with respect to this certificate.

PPQ Form 577 FEB 2001 Previous editions are obsolete after 6/30/01

COPY

US ePhyto.xml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Headquarters & Export Policy Development

- Developing a new policy or changing an existing policy is usually driven by the US Exporter or Commodity Representative
- Request is reviewed for alignment; other Agencies may be involved
- Internal decision summary, then vetting

Phytosanitary Treatments

- Agricultural Commodities may become infested with plant pests – the pests could be carried across borders
- Strategies to mitigate the risk from pests include field measures, inspection and phytosanitary treatments
- Treatments may include:
  - Fumigation
  - Temperature (Heat or Cold)
  - Irradiation
  - Other, according to importing country requirements

What if a NPPO requires mandatory treatment?

- The commodity must be treated according to established NPPO phytosanitary import requirements

  Application of treatment must follow domestic laws

- The bulk of phytosanitary treatments on US Exports are:
  - Phosphine fumigation on grain
  - Heat treatment & Kiln Drying on lumber
  - Pesticide/other chemical application (spray, dip, drench etc.) for pest control on propagative material

- Majority of commodity exported *does not require* mandatory phytosanitary treatment

Irradiation as a Phytosanitary Treatment

- Phytosanitary Irradiation (PI) is a good tool for US Exporters
  - Presently most useful with fresh produce
  - Good treatment alternative to methyl bromide fumigation
    - *Pathogens such as bacteria or fungi must be removed from the pest pathway prior to PI treatment*

Irradiation as a Phytosanitary Treatment

- Export of GA & SC fresh peaches to Mexico
  - The 1st export program utilizing phytosanitary irradiation as a mitigation; an alternative to mandatory methyl bromide fumigation in origin
  - Additional trade negotiations were required to establish the option to use PI:
    - Operational Work Plan for Exportation of Irradiated Articles to Mexico from the United States
    - Commodity-specific addendum

Irradiation as a Phytosanitary Treatment

- *Expanding Options..* Export of GA & SC fresh peaches to Mexico
  - Additional trade negotiations were required to establish a new option:
    - Operational Work Plan for Import of Articles Intended for Irradiation in Mexico from the United States
    - Commodity-specific addendum

Irradiation as a Phytosanitary Treatment

- *More Interest from Commodity groups for Expanding Options.. Export of CA Apples to Mexico*
  - Operational Work Plan for Import of Articles Intended for Irradiation in Mexico from the United States
  - Commodity-specific addendum

Irradiation as a Phytosanitary Treatment

Target pests of concern include:

- Oriental fruit moth (apple)
- Oriental fruit moth & Plum Curculio (Peach)

Opportunities for Expansion

- What commodities could use this treatment option?
- Are quality studies needed – What is PI effect on quality?

Recognition of Achievement

APHIS Administrator award, September 2016

Thanks to research done by Chapman University!

Questions?

Join the APHIS Stakeholder Registry Today!

Thank You!

Margaret.R.Smither@aphis.usda.gov